SPC Mechanical
10125 Berkeley Pl Dr
Charlotte, NC 28262

Submittal

WR2310-S### Submittal

REVIEW DATE:	7/11/2024
PROJECT NAME:	WR2310 Envision
JOB NUMBER:	WR2310
ARCHITECT:	Lamar Johnson
ENGINEER:	I.C Thomasson Assoc
PRODUCT/MATERIAL ID:	Variable Vol. Air Terminal Units
SPEC. SECTION/PARAGRAPH NO.:	233610
SUBCONTRACTOR/SUPPLIER:	Hoffman &Hoffman

NOTES:

Revised for new IFC Drawings

ARCHITECT/ENGINEER REVIEW/APPROVAL	SPC REVIEW/APPROVAL
VAV-1,3 PAGE 6 **VAV-4,6,8 PAGE 7** **VAV-8 PAGE 8** **VAV-1-26 PAGE 8** **VAV-3-27,28 PAGE 8** **VAV-5-9 PAGE 8** **VAV-3-28 PAGE 8**	☐ **No Exceptions Taken** ☐ **Exceptions Indicated** ☐ **Rejected - Revise & Resubmit**

SPC'S REVIEW IS FOR CONFORMANCE WITH THE GENERAL DESIGN CONCEPT AND FOR GENERAL ARRANGEMENT ONLY. REVIEW SHALL NOT BE CONSTRUED TO MEAN THAT SPC ACCEPTS ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS UNLESS NOTED AND APPROVED BY SPC AND BY THE ARCH/ENG. SUPPLIER IS RESPONSIBLE FOR ERRORS OR OMISSIONS IN THE SHOP DRAWINGS, FOR MEETING ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS, FOR CONFIRMING AND CORRELATING JOBSITE DIMENSIONS, FOR INFORMATION THAT PERTAINS SOLELY TO FABRICATION PROCESSES OR TO TECHNIQUES OF CONSTRUCTION, AND FOR COORDINATION OF THE WORK, EQUIPMENT AND/OR SUPPLIES

ALL MATERIAL MUST BE SHIPPED AS PER SPC PURCHASE ORDER

E. Pressure drop of air through the coil shall not vary more than 5%, regardless of the position of the integral dampers.

F. Tubes shall be individually removable.

PART 3 EXECUTION

3.01 INSTALLATION

A. Mount coil in accordance with SMACNA standards including a maximum transition angle of 30 degrees on the entering air side of coil and 45 degrees on leaving air side. Transitions on both entering and leaving side to be 20 degrees if space permits. Provide air-tight seal between coil and duct or unit casing.

B. Provide access door on entering air side of coil for cleaning and inspection purposes.

C. See drawings for required piping connections to hot water coils.

D. See drawings and Section 23 2214 - Steam and Condensate Specialties for required piping connections to steam coils.

E. Externally insulate coil casing, including return bends with 1" thick, blanket-type fiberglass insulation to prevent condensation.

F. Hot water reheat coils required for variable volume boxes or fan-powered boxes to be furnished factory mounted to boxes by terminal box manufacturer.

END OF SECTION

Submitting Office: Greensboro
Salesperson: D Woyahn/Z Craver

Order No: 600.612.10xxx
Date: July 11, 2024

Submittal Data

Project
AESC Battery Manufacturing Plant
Florence, NC

Engineer
I.C. Thomasson Associates, Inc
Nashville, TN

Contractor
SPC Mechanical
Wendell, NC

Manufacturer
Price Industries

Product
VAV Boxes

REVISION 2

HOFFMAN & HOFFMAN, INC.
HVAC Manufacturers Representative

Asheville, NC	828-296-0111	Charleston, SC	843-884-3201
Charlotte, NC	704-364-4700	Columbia, SC	803-765-9360
Raleigh, NC	919-781-8011	Greenville, SC	864-676-1888
Wilmington, NC	910-791-4775	Chesapeake, VA	757-548-1700
Chattanooga, TN	423-693-2890	Richmond, VA	804-272-1500
Knoxville, TN	865-450-9770	Roanoke, VA	540-725-8701

Corporate Greensboro, NC 336-292-8777

Approval Required

We have exercised care in the preparation of this submittal. We believe it satisfies our interpretation of the designer's intent and scope. It contains the list of materials, quanti - ties, sizes, style, and the finish as we propose to furnish for this job. Please examine and check carefully that all items are exactly as required and that our interpretation of the applicable plans and/or specifications are consistent with the design. Approval by the engineer and purchaser will be required before release of this equipment for production. If any discrepancies are discovered, please notify us as soon as possible.

Price Variable Volume Terminal Units

6/20/24

PROJECT: AESC Battery Plant
Florence, SC

CONTRACTOR: SPC Mechanical

REVISION 1

Submittal Notes:

1. VAV Boxes provided with the following:
    a. 1” insulation with sheet metal liner – Double wall construction
    b. 22-gauge galvanized construction
    c. Factory mounted controls – controls provided by controls contractor.
    d. HW heating coil – where scheduled
    e. Bottom access door with cam locks - only on VAV with HW Coils
    f. All boxes selected as “right” hand control and coils

Contractor/Reviewer Action Items:

1. Confirm quantity and inlet sizes before releasing into production.
2. Confirm coil handing (air hitting back of head) before releasing to production.

Submittal Revision 1 Notes:

1> Updated selections based on revised schedule provided with submittal review comments

Submittal Revision 2 Notes:

1> Updated selections based on review comments and IFC drawings dated 7/3/24

Terminals
Submittals

Job Name: AESC Battery Plant VAV
Job Location: Florence, SC
Customer: SPC Mechanical
Contractor: SPC Mechanical
Date Printed: 7/11/2024
Spec Section: 15 - HVAC

Contact: 3816 PATTERSON STREET
PO BOX 77258
GREENSBORO, NC 27407

price®

All-In-One
Terminals

Job Name AESC Battery Plant VAV
Entered By Danny Woyahn
Rep Job No
Location Florence, SC
Customer SPC Mechanical

Contractor SPC Mechanical
Engineer
Sales Person Danny Woyahn
Units Imperial

#	Qty	Model	Tag	Size 1	Terminal Liner	Max Primary (CFM)	Min Primary (CFM)	Reheat (CFM)	WC Capacity (MBH)	Supply Air Temp (°F)	LAT (°F)	Fluid Flow	FPD (ft. w.g.)	Rows	Max Coil APD (in. w.g.)	EWT (°F)	LWT (°F)	Coil	Accessories 2	Accessories 3	Accessories 5
1	1	SDV	VAV 1-1	12	SM1	1675	1025			52.00									CRH		HB
2	1	SDV	VAV 1-2	12	SM1	1650	1000			52.00									CRH		HB
3	1	SDV	VAV 1-3	14	SM1	3000	1800			52.00									CRH		HB
4	1	SDV	VAV 1-4	8	SM1	500	300			52.00									CRH		HB
5	1	SDV	VAV 1-5	12	SM1	1800	1100			52.00									CRH		HB
6	1	SDV	VAV 1-6	8	SM1	550	350			52.00									CRH		HB
7	1	SDV	VAV 1-7	8	SM1	550	350			52.00									CRH		HB
8	1	SDV	VAV 1-8	10	SM1	850	525			52.00									CRH		HB
9	1	SDV	VAV 1-9	12	SM1	1800	1100			52.00									CRH		HB
10	1	SDV	VAV 1-10	6	SM1	350	225			52.00									CRH		HB
11	1	SDV	VAV 1-11	10	SM1	1350	825			52.00									CRH		HB
12	1	SDV	VAV 1-12	6	SM1	400	250			52.00									CRH		HB
13	1	SDV	VAV 1-13	10	SM1	800	500			52.00									CRH		HB
14	1	SDV	VAV 1-14	10	SM1	800	500			52.00									CRH		HB
15	1	SDV	VAV 1-15	8	SM1	500	300			52.00									CRH		HB
16	1	SDV	VAV 1-16	10	SM1	925	575			52.00									CRH		HB
17	1	SDV	VAV 1-17	6	SM1	300	200			52.00									CRH		HB
18	1	SDV	VAV 1-18	4	SM1	150	100			52.00									CRH		HB
19	1	SDV	VAV 1-19	4	SM1	150	100			52.00									CRH		HB
20	1	SDV	VAV 1-20	8	SM1	500	300			52.00									CRH		HB
21	1	SDV	VAV 1-21	10	SM1	1050	650			52.00									CRH		HB
22	1	SDV	VAV 1-22	10	SM1	1050	650			52.00									CRH		HB
23	1	SDV	VAV 1-23	12	SM1	1300	800			52.00									CRH		HB
24	1	SDV	VAV 1-24	6	SM1	350	225	225	5.00	52.00	72.00	0.52	0.23	1R	0.08	140.00	120.60	WC	CRH	ADL	HB
25	1	SDV	VAV 1-25	6	SM1	250	150			52.00									CRH		HB
26	1	SDV	VAV 3-1	6	SM1	300	200			52.00									CRH		HB
27	1	SDV	VAV 3-2	10	SM1	800	500			52.00									CRH		HB
28	1	SDV	VAV 3-3	10	SM1	900	550			52.00									CRH		HB
29	1	SDV	VAV 3-4	6	SM1	300	200			52.00									CRH		HB
30	1	SDV	VAV 3-5	10	SM1	925	575			52.00									CRH		HB
31	1	SDV	VAV 3-6	10	SM1	1000	600			52.00									CRH		HB
32	1	SDV	VAV 3-7	8	SM1	425	275			52.00									CRH		HB
33	1	SDV	VAV 3-8	8	SM1	625	375			52.00									CRH		HB
34	1	SDV	VAV 3-9	8	SM1	725	450			52.00									CRH		HB
35	1	SDV	VAV 3-10	8	SM1	625	375	375	9.90	48.00	72.00	0.40	0.04	2R	0.35	140.00	89.70	WC	CRH	ADL	HB
36	1	SDV	VAV 3-11	10	SM1	900	550			48.00									CRH		HB
37	1	SDV	VAV 3-12	12	SM1	1300	800	800	21.00	48.00	72.00	0.85	0.31	2R	0.39	140.00	89.60	WC	CRH	ADL	HB
38	1	SDV	VAV 3-13	12	SM1	1650	1000			48.00									CRH		HB
39	1	SDV	VAV 3-14	12	SM1	1375	825			48.00									CRH		HB
40	1	SDV	VAV 3-15	10	SM1	1175	725	725	19.00	48.00	72.00	0.83	0.24	2R	0.55	140.00	93.50	WC	CRH	ADL	HB
41	1	SDV	VAV 3-16	8	SM1	750	450			48.00									CRH		HB
42	1	SDV	VAV 3-17	10	SM1	1175	725	725	19.00	48.00	72.00	0.83	0.24	2R	0.55	140.00	93.50	WC	CRH	ADL	HB
43	1	SDV	VAV 3-18	12	SM1	1250	750	750	19.60	48.00	72.00	0.77	0.27	2R	0.37	140.00	88.50	WC	CRH	ADL	HB
44	1	SDV	VAV 3-19	8	SM1	725	450			48.00									CRH		HB
45	1	SDV	VAV 3-20	10	SM1	825	500			48.00									CRH		HB
46	1	SDV	VAV 3-21	10	SM1	950	575			48.00									CRH		HB
47	1	SDV	VAV 3-22	10	SM1	850	525			48.00									CRH		HB
48	1	SDV	VAV 3-23	10	SM1	875	525			48.00									CRH		HB
49	1	SDV	VAV 3-24	8	SM1	725	450			48.00									CRH		HB
50	1	SDV	VAV 3-25	10	SM1	1400	850			48.00									CRH		HB
51	1	SDV	VAV 3-26	8	SM1	725	450			48.00									CRH		HB

#	Qty	Model	Tag	Size 1	Terminal Liner	Max Primary (CFM)	Min Primary (CFM)	Reheat (CFM)	WC Capacity (MBH)	Supply Air Temp (°F)	LAT (°F)	Fluid Flow	FPD (ft. w.g.)	Rows	Max Coil APD (in. w.g.)	EWT (°F)	LWT (°F)	Coil	Accessories 2	Accessories 3	Accessories 5
52	1	SDV	VAV 4-1	14	SM1	2500	1500			48.00									CRH		HB
53	1	SDV	VAV 4-2	14	SM1	2500	1500			48.00									CRH		HB
54	1	SDV	VAV 4-3	14	SM1	2500	1500			48.00									CRH		HB
55	1	SDV	VAV 4-4	14	SM1	2500	1500			48.00									CRH		HB
56	1	SDV	VAV 4-5	14	SM1	2250	1350			48.00									CRH		HB
57	1	SDV	VAV 4-6	14	SM1	2500	1500			48.00									CRH		HB
58	1	SDV	VAV 4-7	14	SM1	2500	1500			48.00									CRH		HB
59	1	SDV	VAV 4-8	8	SM1	525	325			48.00									CRH		HB
60	1	SDV	VAV 4-9	4	SM1	200	125			48.00									CRH		HB
61	1	SDV	VAV 4-10	12	SM1	1225	750			48.00									CRH		HB
62	1	SDV	VAV 4-11	14	SM1	2450	1475			48.00									CRH		HB
63	1	SDV	VAV 4-12	14	SM1	2450	1475			48.00									CRH		HB
64	1	SDV	VAV 4-13	6	SM1	350	225			48.00									CRH		HB
65	1	SDV	VAV 4-14	6	SM1	400	250			48.00									CRH		HB
66	1	SDV	VAV 4-15	10	SM1	1000	600			48.00									CRH		HB
67	1	SDV	VAV 5-1	16	SM1	3675	2225			48.00									CRH		HB
68	1	SDV	VAV 5-2	16	SM1	3675	2225			48.00									CRH		HB
69	1	SDV	VAV 5-3	16	SM1	3675	2225			48.00									CRH		HB
70	1	SDV	VAV 5-4	16	SM1	3675	2225			48.00									CRH		HB
71	1	SDV	VAV 5-5	16	SM1	3675	2225			48.00									CRH		HB
72	1	SDV	VAV 5-6	16	SM1	3675	2225			48.00									CRH		HB
73	1	SDV	VAV 5-7	16	SM1	3675	2225			48.00									CRH		HB
74	1	SDV	VAV 6-1	10	SM1	1050	650			48.00									CRH		HB
75	1	SDV	VAV 6-2	8	SM1	725	450			48.00									CRH		HB
76	1	SDV	VAV 6-3	6	SM1	400	250			48.00									CRH		HB
77	1	SDV	VAV 6-4	8	SM1	600	375			48.00									CRH		HB
78	1	SDV	VAV 6-5	6	SM1	450	275			48.00									CRH		HB
79	1	SDV	VAV 6-6	8	SM1	600	375			48.00									CRH		HB
80	1	SDV	VAV 6-7	8	SM1	600	375			48.00									CRH		HB
81	1	SDV	VAV 6-8	8	SM1	500	300			48.00									CRH		HB
82	1	SDV	VAV 6-9	10	SM1	925	575			48.00									CRH		HB
83	1	SDV	VAV 6-10	10	SM1	1400	850			48.00									CRH		HB
84	1	SDV	VAV 6-11	10	SM1	1100	675			48.00									CRH		HB
85	1	SDV	VAV 6-12	10	SM1	1100	675			48.00									CRH		HB
86	1	SDV	VAV 6-13	10	SM1	1100	675			48.00									CRH		HB
87	1	SDV	VAV 6-14	8	SM1	550	350			48.00									CRH		HB
88	1	SDV	VAV 6-15	12	SM1	1300	800			48.00									CRH		HB
89	1	SDV	VAV 6-16	6	SM1	400	250			48.00									CRH		HB
90	1	SDV	VAV 6-17	8	SM1	700	425			48.00									CRH		HB
91	1	SDV	VAV 6-18	12	SM1	1550	950			48.00									CRH		HB
92	1	SDV	VAV 6-19	6	SM1	250	150			48.00									CRH		HB
93	1	SDV	VAV 6-20	8	SM1	550	350			48.00									CRH		HB
94	1	SDV	VAV 6-21	6	SM1	400	250			48.00									CRH		HB
95	1	SDV	VAV 6-22	6	SM1	400	250			48.00									CRH		HB
96	1	SDV	VAV 6-23	4	SM1	150	100			48.00									CRH		HB
97	1	SDV	VAV 6-24	10	SM1	775	475			48.00									CRH		HB
98	1	SDV	VAV 6-25	8	SM1	650	400			48.00									CRH		HB
99	1	SDV	VAV 6-26	12	SM1	1500	900			48.00									CRH		HB
100	1	SDV	VAV 6-27	8	SM1	675	425			48.00									CRH		HB
101	1	SDV	VAV 6-28	8	SM1	700	425			48.00									CRH		HB
102	1	SDV	VAV 6-29	8	SM1	550	350			48.00									CRH		HB
103	1	SDV	VAV 6-30	10	SM1	925	575	575	15.00	48.00	72.00	0.60	0.14	2R	0.37	140.00	89.60	WC	CRH	ADL	HB
104	1	SDV	VAV 6-31	4	SM1	200	125			48.00									CRH		HB
105	1	SDV	VAV 6-32	10	SM1	800	500			48.00									CRH		HB
106	1	SDV	VAV 6-33	10	SM1	1000	600			48.00									CRH		HB
107	1	SDV	VAV 6-34	8	SM1	675	425			48.00									CRH		HB
108	1	SDV	VAV 6-35	12	SM1	1375	825			48.00									CRH		HB
109	1	SDV	VAV 6-36	8	SM1	550	350			48.00									CRH		HB
110	1	SDV	VAV 6-37	10	SM1	1150	700			48.00									CRH		HB
111	1	SDV	VAV 6-38	10	SM1	825	500			48.00									CRH		HB
112	1	SDV	VAV 8-1	10	SM1	1200	725			48.00									CRH		HB

#	Qty	Model	Tag	Size 1	Terminal Liner	Max Primary (CFM)	Min Primary (CFM)	Reheat (CFM)	WC Capacity (MBH)	Supply Air Temp (°F)	LAT (°F)	Fluid Flow	FPD (ft. w.g.)	Rows	Max Coil APD (in. w.g.)	EWT (°F)	LWT (°F)	Coil	Accessories 2	Accessories 3	Accessories 5
113	1	SDV	VAV 8-2	12	SM1	1550	950			48.00									CRH		HB
114	1	SDV	VAV 8-3	8	SM1	700	425			48.00									CRH		HB
115	1	SDV	VAV 8-4	8	SM1	500	300			48.00									CRH		HB
116	1	SDV	VAV 8-5	10	SM1	1150	700			48.00									CRH		HB
117	1	SDV	VAV 8-6	16	SM1	3550	2150			48.00									CRH		HB
118	1	SDV	VAV 8-7	16	SM1	3550	2150			48.00									CRH		HB
119	1	SDV	VAV 8-8	8	SM1	675	425			48.00									CRH		HB
120	1	SDV	VAV 8-9	10	SM1	1150	700			52.00									CRH		HB
121	1	SDV	VAV 8-10	8	SM1	500	300			52.00									CRH		HB
122	1	SDV	VAV 8-11	10	SM1	775	475			52.00									CRH		HB
123	1	SDV	VAV 8-12	8	SM1	475	300			52.00									CRH		HB
124	1	SDV	VAV 8-13	10	SM1	750	450			52.00									CRH		HB
125	1	SDV	VAV 8-14	6	SM1	275	175			52.00									CRH		HB
126	1	SDV	VAV 8-15	10	SM1	850	525			52.00									CRH		HB
127	1	SDV	VAV 8-16	10	SM1	775	475			52.00									CRH		HB
128	1	SDV	VAV 8-17	8	SM1	500	300			52.00									CRH		HB
129	1	SDV	VAV 8-18	12	SM1	1375	825			52.00									CRH		HB
130	1	SDV	VAV 1-26	8	SM1	700	425			52.00									CRH		HB
131	1	SDV	VAV 3-27	10	SM1	800	500			52.00									CRH		HB
132	1	SDV	VAV 3-28	6	SM1	350	225			52.00									CRH		HB
133	1	SDV	VAV-5-8	12	SM1	1400	825			52.00									CRH		HB
134	1	SDV	VAV 3-28	6	SM1	400	250			52.00									CRH		HB

1. Dashes (--) indicate NC values less than 20.
2. Sound power levels are given in decibels (dB).
3. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
4. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
5. Airflow is given in cubic feet per minute (cfm).
6. Air pressure drop is given in inches water gauge (in. w.g.), and water pressure drop is given in feet of water gauge (ft. w.g.).
7. Water coil performance is rated and certified in accordance with the latest edition of AHRI Standard 410.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-1 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1675	1025	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	48	46	38	31	23	20 (4)	75	68	67	65	63	63	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-2 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1650	1000	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	48	45	38	31	23	--	75	68	66	65	63	63	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-3 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	3000	1800	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	53	47	38	34	26	21 (3)	77	70	73	67	66	66	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-4 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	500	300	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	35	29	24	17	--	73	66	59	57	57	55	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-5 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1800	1100	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	49	46	38	32	24	20 (4)	76	69	67	66	63	64	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-6 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	550	350	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	36	30	24	17	--	74	67	60	59	57	56	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-7 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	550	350	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	36	30	24	17	--	74	67	60	59	57	56	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-8 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	850	525	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	30	23	17	--	73	68	59	60	59	58	26 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-9 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1800	1100	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	49	46	38	32	24	20 (4)	76	69	67	66	63	64	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-10 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	350	225	1.50	0.25	1.25	0.11	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	34	30	19	--	76	70	64	60	56	55	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-11 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1350	825	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	50	42	34	27	19	--	78	72	65	66	63	62	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-12 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	400	250	1.50	0.25	1.25	0.14	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	50	42	36	31	20	--	77	72	66	62	57	56	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-13 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	800	500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	73	67	59	59	58	58	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-14 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	800	500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	73	67	59	59	58	58	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-15 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	500	300	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	35	29	24	17	--	73	66	59	57	57	55	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-16 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	925	575	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	30	24	17	--	74	68	60	61	60	59	26 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-17 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	300	200	1.50	0.25	1.25	0.08	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	33	28	19	--	74	68	62	58	55	54	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-18 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	4	150	100	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	43	34	28	24	17	--	73	68	59	58	56	53	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-19 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	4	150	100	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	43	34	28	24	17	--	73	68	59	58	56	53	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-20 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	500	300	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	35	29	24	17	--	73	66	59	57	57	55	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-21 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1050	650	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	32	25	18	--	75	70	62	62	61	60	28 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-22 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1050	650	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	32	25	18	--	75	70	62	62	61	60	28 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-23 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1300	800	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	46	43	35	28	20	--	73	67	64	62	61	61	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-24 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	350	225	1.50	0.25	1.17	0.19	N/A	N/A

Heating Coil Performance

WC Capacity (MBH)	Rows	Reheat (CFM)	Coil Performance								
			Fluid Type	EAT (°F)	LAT (°F)	Fluid Flow (GPM)	EWT (°F)	LWT (°F)	Max Coil APD (in. w.g.)	Fluid PD (ft. w.g.)	Glycol %
5.0	1R	225	WTR	52.0	72.0	0.52	140.0	120.6	0.08	0.23	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	34	29	19	--	75	70	64	60	56	55	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 3 :** ADL
Accessory 5 : HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-25 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	250	150	1.50	0.25	1.25	0.06	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	36	31	27	18	--	72	66	60	56	53	53	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-1 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	300	200	1.50	0.25	1.25	0.08	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	33	28	19	--	74	68	62	58	55	54	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-2 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	800	500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	73	67	59	59	58	58	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-3 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	900	550	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	30	23	17	--	74	68	60	60	59	59	26 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-4 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	300	200	1.50	0.25	1.25	0.08	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	33	28	19	--	74	68	62	58	55	54	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-5 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	925	575	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	30	24	17	--	74	68	60	61	60	59	26 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-6 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1000	600	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	39	31	24	18	--	75	69	61	62	60	60	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-7 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	425	275	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
48	42	33	27	22	17	--	71	63	56	55	55	54	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-8 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	625	375	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	37	31	25	17	--	76	69	62	61	59	57	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-9 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	725	450	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	49	39	33	27	17	--	78	71	64	63	60	59	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-10 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	625	375	1.50	0.25	0.90	0.36	N/A	N/A

Heating Coil Performance

WC Capacity (MBH)	Rows	Reheat (CFM)	Coil Performance								
			Fluid Type	EAT (°F)	LAT (°F)	Fluid Flow (GPM)	EWT (°F)	LWT (°F)	Max Coil APD (in. w.g.)	Fluid PD (ft. w.g.)	Glycol %
9.9	2R	375	WTR	48.0	72.0	0.40	140.0	89.7	0.35	0.04	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	45	35	30	24	17	--	75	67	60	59	56	54	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 3 :** ADL
Accessory 5 : HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-11 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	900	550	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	30	23	17	--	74	68	60	60	59	59	26 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-12 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1300	800	1.50	0.25	0.86	0.40	N/A	N/A

Heating Coil Performance

WC Capacity (MBH)	Rows	Reheat (CFM)	Coil Performance								
			Fluid Type	EAT (°F)	LAT (°F)	Fluid Flow (GPM)	EWT (°F)	LWT (°F)	Max Coil APD (in. w.g.)	Fluid PD (ft. w.g.)	Glycol %
21.0	2R	800	WTR	48.0	72.0	0.85	140.0	89.6	0.39	0.31	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	43	40	33	26	19	--	70	63	61	60	58	58	22 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 3 :** ADL
Accessory 5 : HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-13 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1650	1000	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	48	45	38	31	23	--	75	68	66	65	63	63	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-14 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1375	825	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	44	36	29	21	--	73	67	64	63	61	62	26 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-15 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1175	725	1.50	0.25	0.70	0.56	N/A	N/A

Heating Coil Performance

WC Capacity (MBH)	Rows	Reheat (CFM)	Coil Performance								
			Fluid Type	EAT (°F)	LAT (°F)	Fluid Flow (GPM)	EWT (°F)	LWT (°F)	Max Coil APD (in. w.g.)	Fluid PD (ft. w.g.)	Glycol %
19.0	2R	725	WTR	48.0	72.0	0.83	140.0	93.5	0.55	0.24	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	45	37	30	24	17	--	73	66	59	61	57	56	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 3 :** ADL
Accessory 5 : HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-16 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	750	450	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	49	39	33	27	17	--	79	72	65	63	61	59	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-17 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1175	725	1.50	0.25	0.70	0.56	N/A	N/A

Heating Coil Performance

WC Capacity (MBH)	Rows	Reheat (CFM)	Coil Performance								
			Fluid Type	EAT (°F)	LAT (°F)	Fluid Flow (GPM)	EWT (°F)	LWT (°F)	Max Coil APD (in. w.g.)	Fluid PD (ft. w.g.)	Glycol %
19.0	2R	725	WTR	48.0	72.0	0.83	140.0	93.5	0.55	0.24	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	45	37	30	24	17	--	73	66	59	61	57	56	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 3 :** ADL
Accessory 5 : HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-18 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1250	750	1.50	0.25	0.88	0.38	N/A	N/A

Heating Coil Performance

WC Capacity (MBH)	Rows	Reheat (CFM)	Coil Performance								
			Fluid Type	EAT (°F)	LAT (°F)	Fluid Flow (GPM)	EWT (°F)	LWT (°F)	Max Coil APD (in. w.g.)	Fluid PD (ft. w.g.)	Glycol %
19.6	2R	750	WTR	48.0	72.0	0.77	140.0	88.5	0.37	0.27	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	43	40	33	25	18	--	70	63	61	60	58	58	22 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 3 :** ADL
Accessory 5 : HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-19 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	725	450	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	49	39	33	27	17	--	78	71	64	63	60	59	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-20 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	825	500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	73	67	59	59	59	58	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-21 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	950	575	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	39	31	24	17	--	74	69	61	61	60	59	27 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-22 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	850	525	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	30	23	17	--	73	68	59	60	59	58	26 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-23 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	875	525	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	30	23	17	--	73	68	60	60	59	59	26 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-24 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	725	450	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	49	39	33	27	17	--	78	71	64	63	60	59	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-25 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1400	850	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	50	42	35	27	19	--	78	72	65	66	63	62	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-26 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	725	450	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	49	39	33	27	17	--	78	71	64	63	60	59	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-1 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	2500	1500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	51	45	36	32	24	--	76	68	70	66	65	64	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-2 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	2500	1500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	51	45	36	32	24	--	76	68	70	66	65	64	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-3 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	2500	1500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	51	45	36	32	24	--	76	68	70	66	65	64	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-4 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	2500	1500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	51	45	36	32	24	--	76	68	70	66	65	64	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-5 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	2250	1350	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	50	44	35	31	23	--	75	68	69	65	64	64	28 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-6 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	2500	1500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	51	45	36	32	24	--	76	68	70	66	65	64	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-7 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	2500	1500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	51	45	36	32	24	--	76	68	70	66	65	64	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-8 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	525	325	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	35	29	24	17	--	74	66	60	58	57	56	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-9 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	4	200	125	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	38	32	27	19	--	78	73	63	62	60	57	38 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-10 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1225	750	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	42	35	27	20	--	72	66	63	62	60	61	25 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-11 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	2450	1475	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	51	45	36	32	24	--	75	68	70	65	64	64	28 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-12 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	14	2450	1475	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	51	45	36	32	24	--	75	68	70	65	64	64	28 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-13 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	350	225	1.50	0.25	1.25	0.11	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	34	30	19	--	76	70	64	60	56	55	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-14 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	400	250	1.50	0.25	1.25	0.14	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	50	42	36	31	20	--	77	72	66	62	57	56	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 4-15 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1000	600	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	39	31	24	18	--	75	69	61	62	60	60	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 5-1 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	16	3675	2225	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	55	49	44	41	28	24 (3)	77	69	70	69	67	66	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 5-2 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	16	3675	2225	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	55	49	44	41	28	24 (3)	77	69	70	69	67	66	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 5-3 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	16	3675	2225	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	55	49	44	41	28	24 (3)	77	69	70	69	67	66	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 5-4 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	16	3675	2225	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	55	49	44	41	28	24 (3)	77	69	70	69	67	66	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 5-5 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	16	3675	2225	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	55	49	44	41	28	24 (3)	77	69	70	69	67	66	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 5-6 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	16	3675	2225	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	55	49	44	41	28	24 (3)	77	69	70	69	67	66	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 5-7 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	16	3675	2225	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	55	49	44	41	28	24 (3)	77	69	70	69	67	66	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-1 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1050	650	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	32	25	18	--	75	70	62	62	61	60	28 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-2 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	725	450	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	49	39	33	27	17	--	78	71	64	63	60	59	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-3 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	400	250	1.50	0.25	1.25	0.14	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	50	42	36	31	20	--	77	72	66	62	57	56	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-4 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	600	375	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	37	31	25	17	--	76	68	62	60	58	57	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-5 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	450	275	1.50	0.25	1.25	0.18	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
57	52	43	37	31	20	20 (3)	79	74	67	63	58	57	35 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-6 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	600	375	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	37	31	25	17	--	76	68	62	60	58	57	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-7 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	600	375	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	37	31	25	17	--	76	68	62	60	58	57	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-8 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	500	300	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	35	29	24	17	--	73	66	59	57	57	55	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-9 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	925	575	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	30	24	17	--	74	68	60	61	60	59	26 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-10 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1400	850	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
56	50	42	35	27	19	--	78	72	65	66	63	62	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-11 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1100	675	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	32	25	18	--	76	70	62	63	61	60	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-12 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1100	675	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	32	25	18	--	76	70	62	63	61	60	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-13 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1100	675	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	32	25	18	--	76	70	62	63	61	60	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-14 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	550	350	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	36	30	24	17	--	74	67	60	59	57	56	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-15 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1300	800	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	46	43	35	28	20	--	73	67	64	62	61	61	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-16 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	400	250	1.50	0.25	1.25	0.14	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	50	42	36	31	20	--	77	72	66	62	57	56	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-17 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	700	425	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	39	33	26	17	--	78	71	64	62	60	58	34 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-18 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1550	950	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	45	37	30	22	--	74	68	66	64	62	63	27 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-19 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	250	150	1.50	0.25	1.25	0.06	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	36	31	27	18	--	72	66	60	56	53	53	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-20 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	550	350	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	36	30	24	17	--	74	67	60	59	57	56	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-21 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	400	250	1.50	0.25	1.25	0.14	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	50	42	36	31	20	--	77	72	66	62	57	56	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-22 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	400	250	1.50	0.25	1.25	0.14	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	50	42	36	31	20	--	77	72	66	62	57	56	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-23 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	4	150	100	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	43	34	28	24	17	--	73	68	59	58	56	53	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-24 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	775	475	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	72	67	58	59	58	58	25 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-25 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	650	400	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	38	32	26	17	--	77	69	63	61	59	58	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-26 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1500	900	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	47	44	37	30	22	--	74	68	65	64	62	62	26 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-27 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	675	425	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	38	32	26	17	--	77	70	63	62	60	58	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-28 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	700	425	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	39	33	26	17	--	78	71	64	62	60	58	34 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-29 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	550	350	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	36	30	24	17	--	74	67	60	59	57	56	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-30 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	925	575	1.50	0.25	0.88	0.38	N/A	N/A

Heating Coil Performance

WC Capacity (MBH)	Rows	Reheat (CFM)	Coil Performance								
			Fluid Type	EAT (°F)	LAT (°F)	Fluid Flow (GPM)	EWT (°F)	LWT (°F)	Max Coil APD (in. w.g.)	Fluid PD (ft. w.g.)	Glycol %
15.0	2R	575	WTR	48.0	72.0	0.60	140.0	89.6	0.37	0.14	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	44	36	29	22	17	--	72	66	58	59	57	56	24 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 3 :** ADL
Accessory 5 : HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-31 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	4	200	125	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	38	32	27	19	--	78	73	63	62	60	57	38 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-32 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	800	500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	73	67	59	59	58	58	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-33 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1000	600	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	39	31	24	18	--	75	69	61	62	60	60	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-34 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	675	425	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	38	32	26	17	--	77	70	63	62	60	58	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-35 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1375	825	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	44	36	29	21	--	73	67	64	63	61	62	26 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-36 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	550	350	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	36	30	24	17	--	74	67	60	59	57	56	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-37 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1150	700	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	33	26	18	--	76	70	63	64	61	61	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 6-38 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	825	500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	73	67	59	59	59	58	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-1 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1200	725	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	49	41	33	26	18	--	77	71	64	64	62	61	30 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-2 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1550	950	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	45	37	30	22	--	74	68	66	64	62	63	27 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-3 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	700	425	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	39	33	26	17	--	78	71	64	62	60	58	34 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-4 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	500	300	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	35	29	24	17	--	73	66	59	57	57	55	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-5 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1150	700	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	33	26	18	--	76	70	63	64	61	61	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-6 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	16	3550	2150	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	54	49	43	40	27	23 (4)	76	69	70	69	67	66	30 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-7 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	16	3550	2150	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
58	54	49	43	40	27	23 (4)	76	69	70	69	67	66	30 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-8 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	675	425	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	38	32	26	17	--	77	70	63	62	60	58	33 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-9 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	1150	700	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	33	26	18	--	76	70	63	64	61	61	29 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-10 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	500	300	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	35	29	24	17	--	73	66	59	57	57	55	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-11 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	775	475	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	72	67	58	59	58	58	25 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-12 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	475	300	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
49	43	34	28	23	17	--	73	65	58	57	56	55	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-13 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	750	450	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	37	28	22	17	--	72	66	58	58	58	57	24 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-14 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	275	175	1.50	0.25	1.25	0.07	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	32	28	18	--	73	67	61	57	54	54	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-15 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	850	525	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
52	46	38	30	23	17	--	73	68	59	60	59	58	26 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-16 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	775	475	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	72	67	58	59	58	58	25 (3)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-17 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	500	300	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
50	44	35	29	24	17	--	73	66	59	57	57	55	28 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 8-18 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1375	825	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	44	36	29	21	--	73	67	64	63	61	62	26 (7)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 1-26 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	8	700	425	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	39	33	26	17	--	78	71	64	62	60	58	34 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-27 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	10	800	500	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
51	45	37	29	22	17	--	73	67	59	59	58	58	25 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-28 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	350	225	1.50	0.25	1.25	0.11	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
54	48	40	34	30	19	--	76	70	64	60	56	55	31 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 5-9 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	12	1400	825	1.50	0.25	1.25	0.01	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
53	47	44	36	29	21	--	74	67	65	63	61	62	26 (2)

Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

PRICE ALL-IN-ONE

Terminal Unit Selection - SDV

Project: AESC Battery Plant VAV **Location:** Florence, SC **Altitude:** 0 (ft) **Model:** SDV
Tag: VAV 3-28 **Quantity:** 1

Selection

Model	Size	Primary (CFM)		Static Pressure (in. w.g.)				Electrical	
	Unit	Max	Min	Inlet SP	Downstream SP	Differential PD	Min Oper. PD	MCA	MOP
SDV	6	400	250	1.50	0.25	1.25	0.14	N/A	N/A

Sound Performance

Max Radiated Sound Power Levels (dB)						Max Radiated NC	Max Discharge Sound Power Levels (dB)						Max Discharge NC
Octave Band							Octave Band						
2	3	4	5	6	7		2	3	4	5	6	7	
55	50	42	36	31	20	--	77	72	66	62	57	56	33 (2)

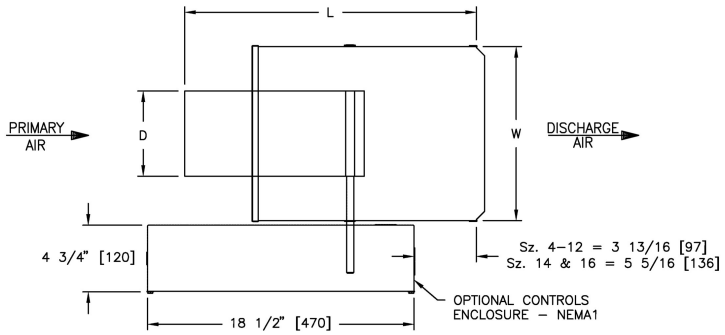
Accessories

Terminal Liner : SM1 **Accessory 2 :** CRH **Accessory 5 :** HB

Performance Notes:

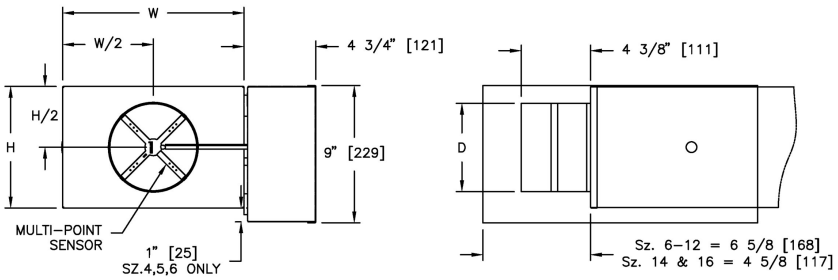
1. Dashes (--) indicate NC values less than 20.
2. NC values are calculated based on procedures outlined in AHRI Standard 885-2008, “A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets.”
3. Sound power levels are given in decibels (dB).
4. Dashes (--) indicate sound power levels below 36-29-26-22-19-17 for each octave band; values below these sound power levels are considered below significance per AHRI 880.
5. Minimum operating pressure is the minimum static pressure required to operate the terminal item assembly at maximum primary flow with a wide open damper.
6. NC values are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2016 and AHRI Standard 880-2017, which include duct end reflection corrections.
7. Terminal item assembly is ETL certified in accordance with UL1995 and CSA 22.2.236.

SDV Single Duct



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
12	12	11 7/8	N/A	16	15	20 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/12/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////1025,1000,1100,800,825,750,950,900/1675,1650,1800,1300,1375,1225,1550,1500,1400/0/0/0/////HB/115-24V//////////////////////2001

All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
Information within this document is subject to change without notice.

Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.

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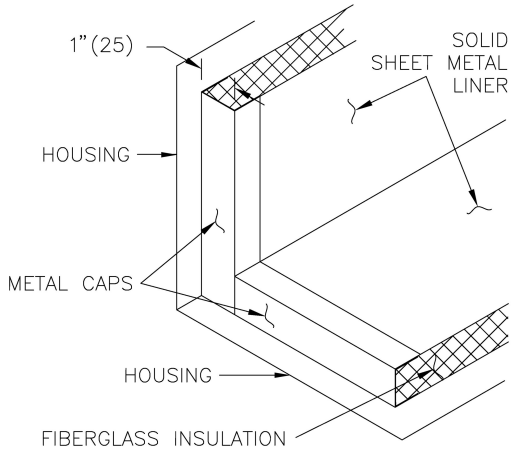
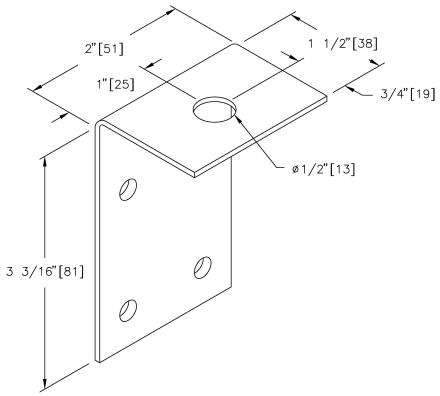
Insulation: SM1

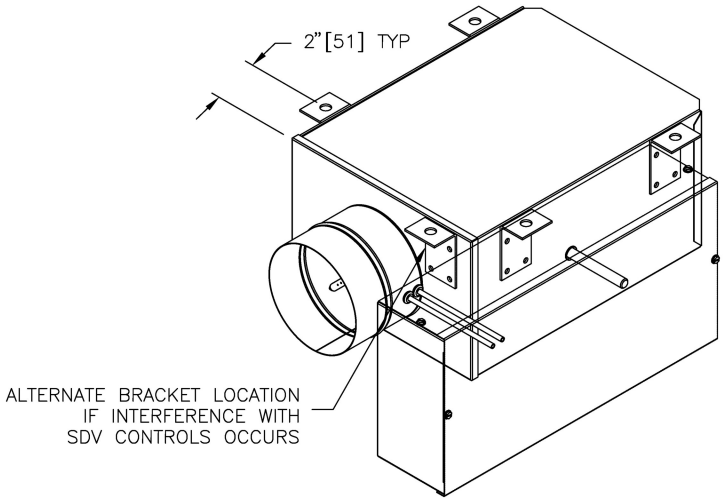
- Internal Insulation – Fiberglass 1" (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



Hanger Bracket: HB



Suggested HB Location



PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/12/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////1025,1000,1100,800,825,750,950,900/1675,1650,1800,1300,1375,1225,1550,1500,1400/0/0/0/////HB/115-24V//////////////////////2001

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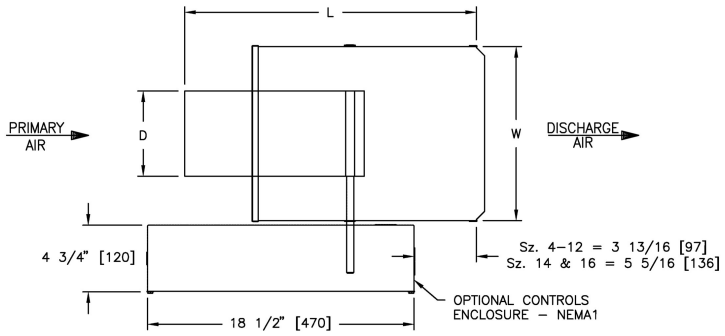
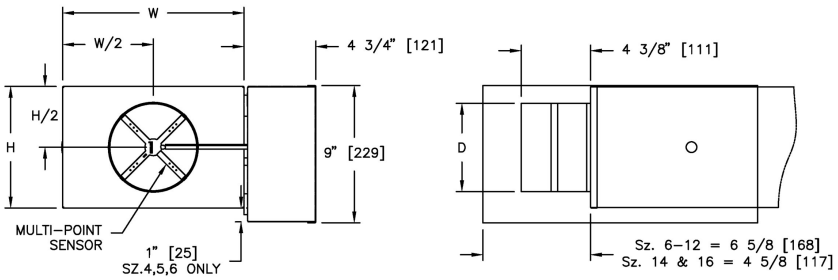
Information within this document is subject to change without notice.

SDV Single Duct



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
14	14	13 7/8	N/A	20	17 1/2	20 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/14/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////1800,1500,1350,1475/3000,2500,2250,2450/0/0/0/////HB/115-24V//////////////////////2001

All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
Information within this document is subject to change without notice.

Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.

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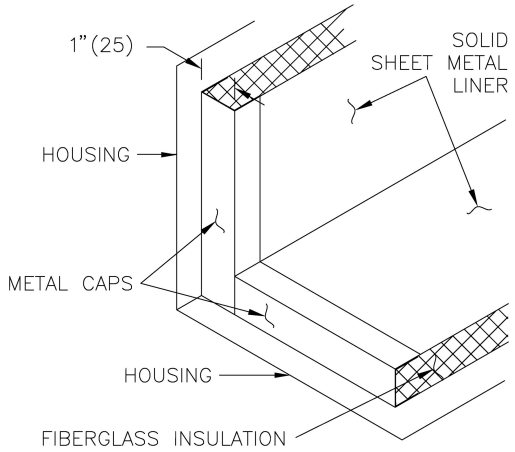
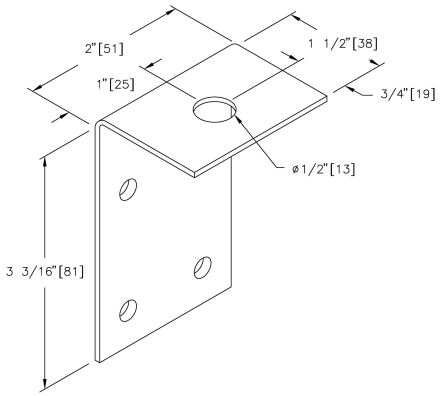
VAV Terminals
AHRI Standard 880

Insulation: SM1

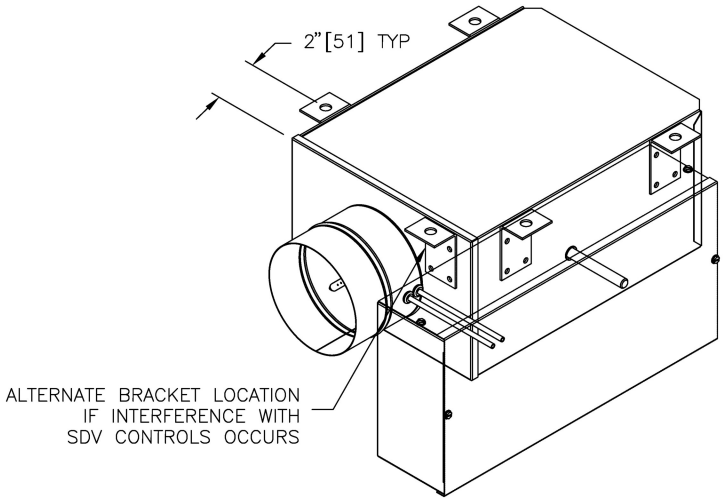
- Internal Insulation – Fiberglass 1" (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



Hanger Bracket: HB



Suggested HB Location



PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/14/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////1800,1500,1350,1475/3000,2500,2250,2450/0/0/0/////HB/115-24V//////////////////2001

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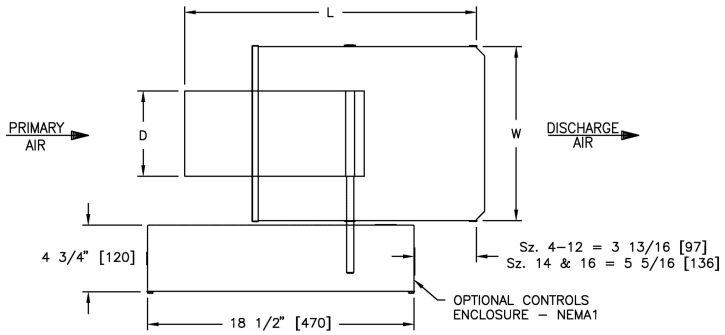
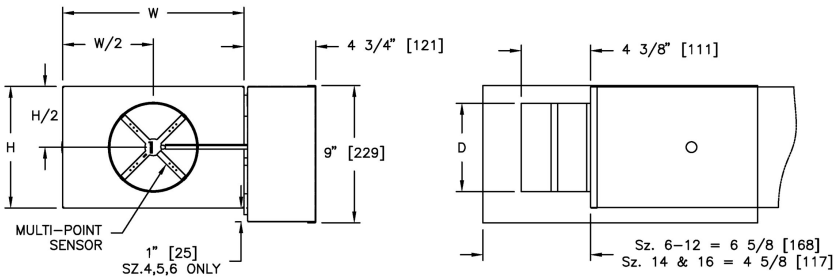
Information within this document is subject to change without notice.

SDV Single Duct



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
8	8	7 7/8	N/A	12	10	20 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume

SDV-1-1//I/8/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////300,350,275,375,450,325,425,400/500,550,425,625,725,750,525,600,700,650,675,475/0/0/0/////HB/115-24V//////////////////////2001

All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
Information within this document is subject to change without notice.

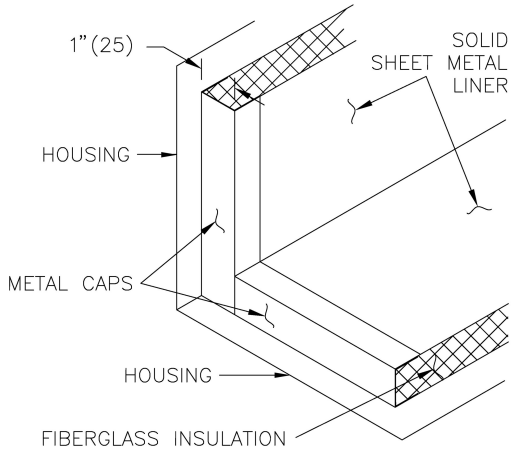
Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.

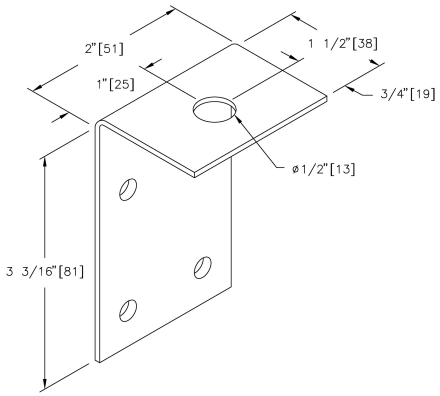
AHRI CERTIFIED™ www.ahridirectory.org VAV Terminals AHRI Standard 880

Insulation: SM1

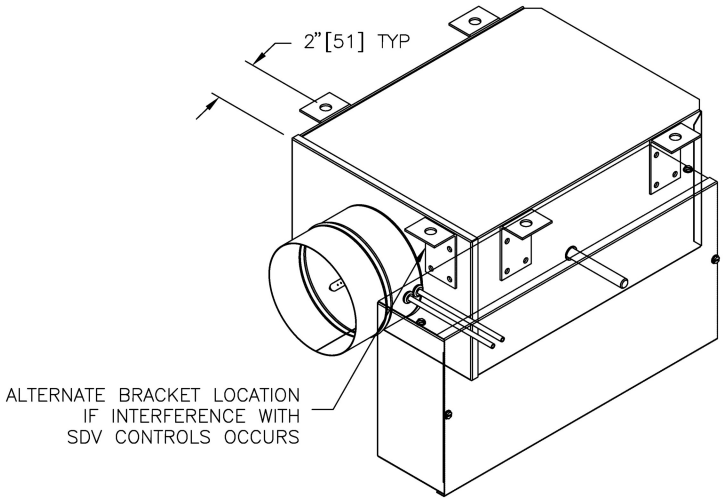
- Internal Insulation – Fiberglass 1" (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



Hanger Bracket: HB



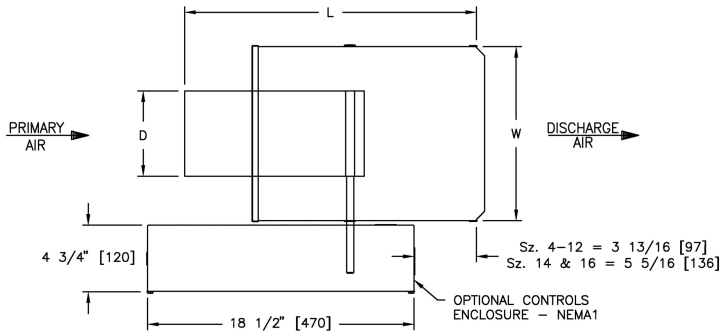
Suggested HB Location



PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/8/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////300,350,275,375,450,325,425,400/500,550,425,625,725,750,525,600,700,650,675,475/0/0/0/////HB/115-24V//////////////////////2001

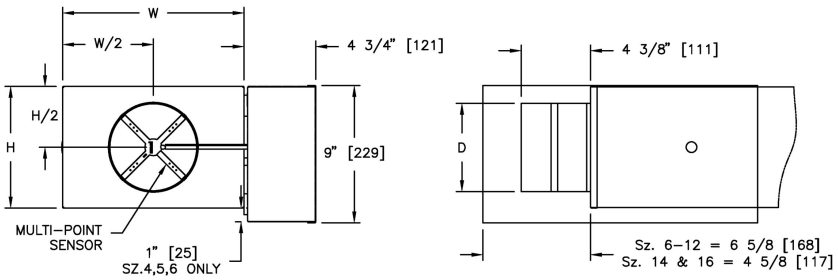
All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
Information within this document is subject to change without notice.

SDV Single Duct



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
10	10	9 7/8	N/A	14	12 1/2	20 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume

SDV-1-1//I/10/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////525,825,500,575,650,550,600,850,675,475,700,725,450/850,1350,800,925,1050,900,1000,825,950,875,1400,1100,775,1150,1200,750/0/0/0/////HB/115-24V//////////////////////2001

All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
Information within this document is subject to change without notice.

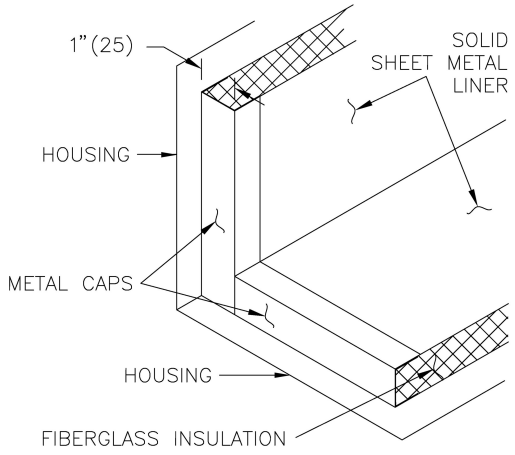
Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.

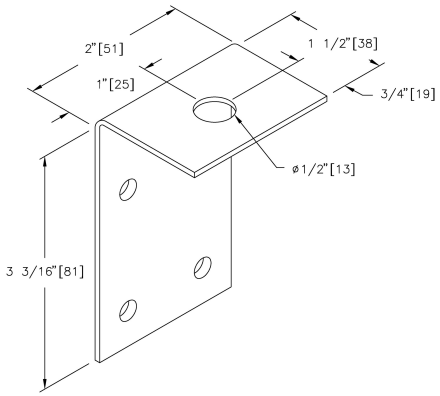
AHRI CERTIFIED™ www.ahridirectory.org VAV Terminals AHRI Standard 880

Insulation: SM1

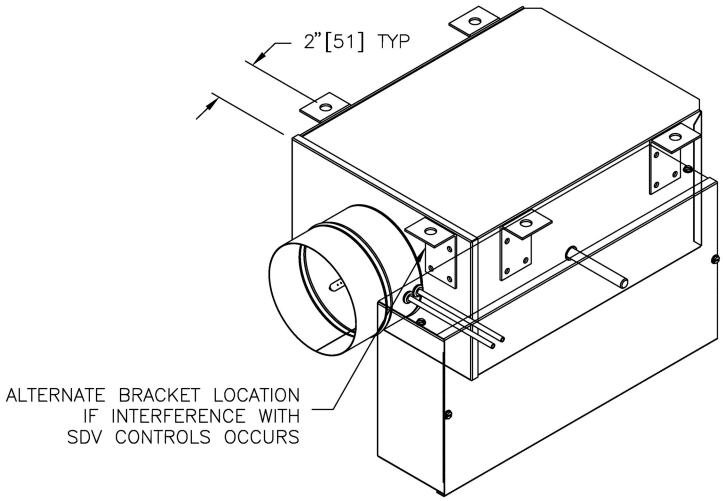
- Internal Insulation – Fiberglass 1" (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



Hanger Bracket: HB



Suggested HB Location



PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/10/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////525,825,500,575,650,550,600,850,675,475,700,725,450/850,1350,800,925,1050,900,1000,825,950,875,1400,1100,775,1150,1200,750/0/0/0/////HB/115-24V//////////////////////2001

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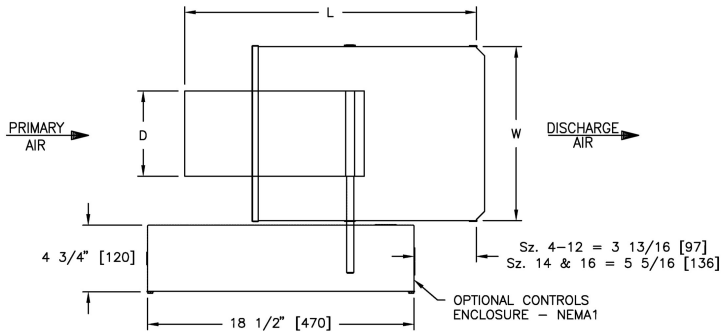
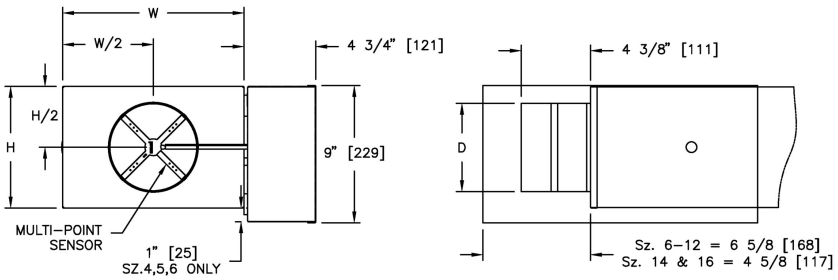
SDV Single Duct



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
6	6	5 7/8	N/A	12	8	20 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/6/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/////0.00//////////////0.0/////////225,250,200,150,275,175/350,400,300,250,450,275/0/0/0/////HB/115-24V//////////////////////2001

All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
Information within this document is subject to change without notice.

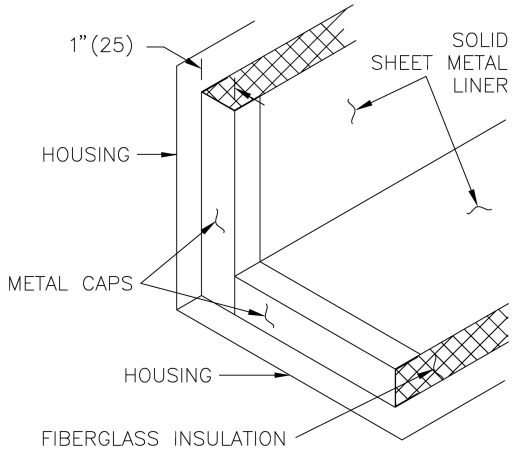
Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.

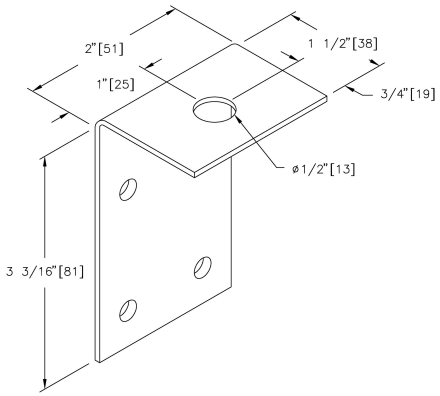
AHRI CERTIFIED™ www.ahridirectory.org VAV Terminals AHRI Standard 880

Insulation: SM1

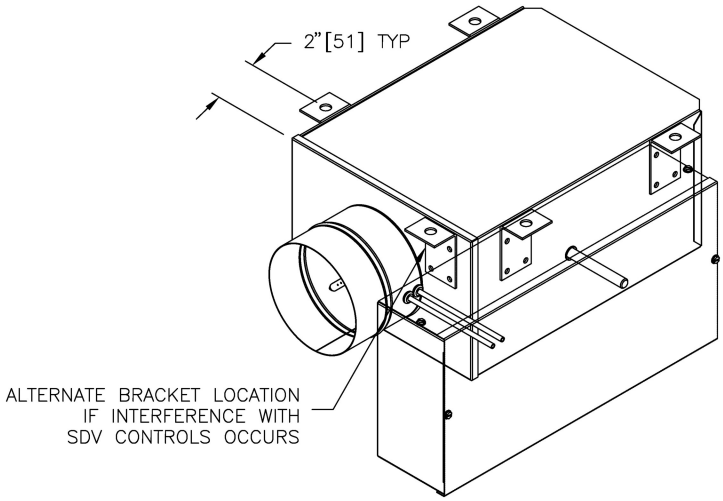
- Internal Insulation – Fiberglass 1" (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



Hanger Bracket: HB



Suggested HB Location



PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/6/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/////0.00//////////////0.0/////////225,250,200,150,275,175/350,400,300,250,450,275/0/0/0/////HB/115-24V//////////////////////2001

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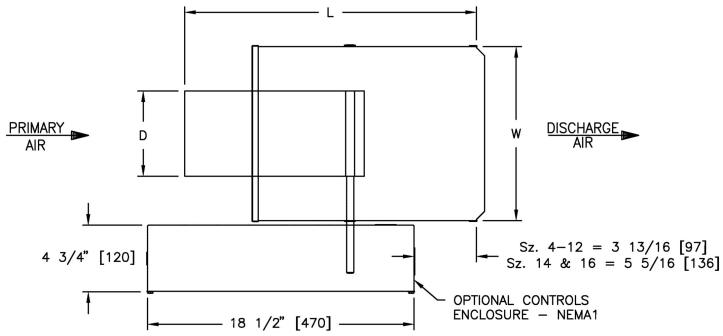
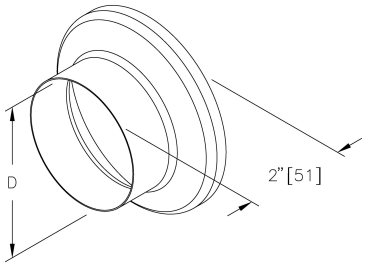
SDV Single Duct



Inlet Diameter Reducer Detail

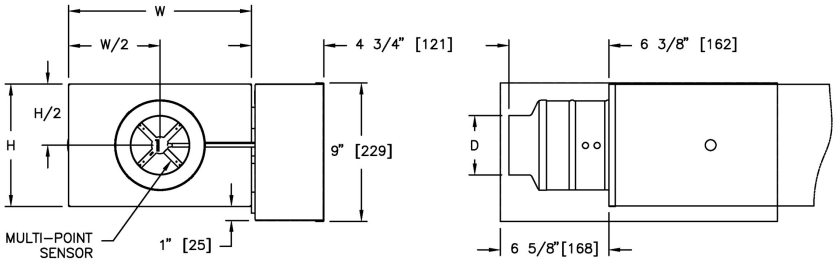


Size 4 and 5 have a 6" diameter duct with inlet reducer as shown

Inlet Reducer Dimensions	
Unit Size	D
4	3 7/8

Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
4	6	3 7/8	N/A	12	8	22 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/4/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/////0.00//////////////0.0/////////100,125/150,200/0/0/0/////HB/115-24V////////////////////2001

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Information within this document is subject to change without notice.

Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.

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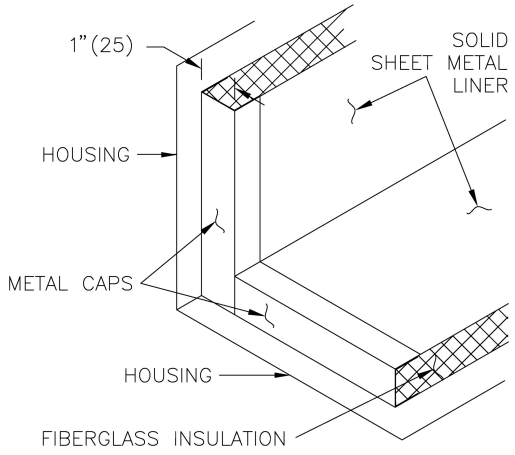
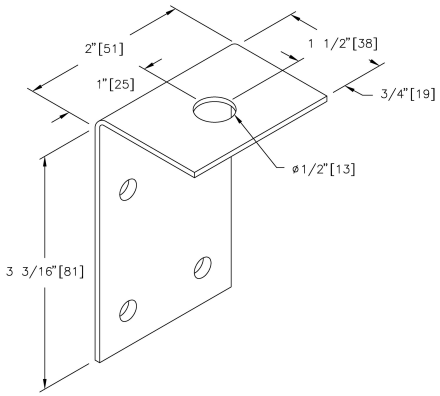
VAV Terminals
AHRI Standard 880

Insulation: SM1

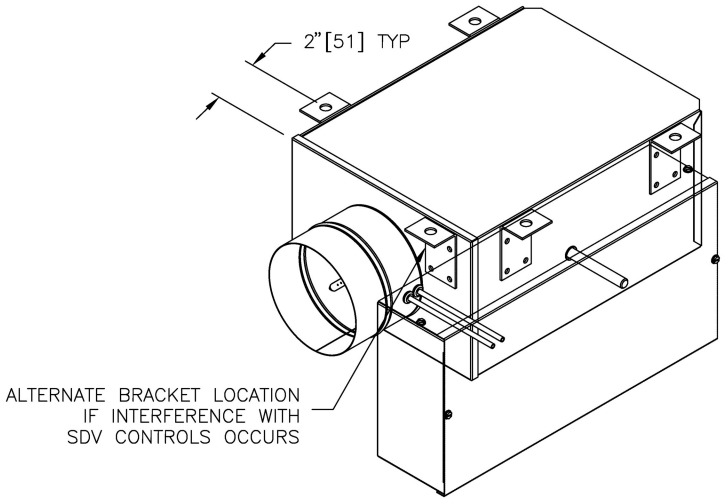
- Internal Insulation – Fiberglass 1" (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



Hanger Bracket: HB

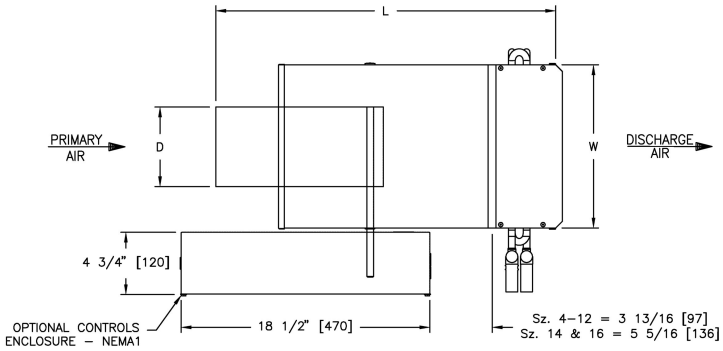


Suggested HB Location



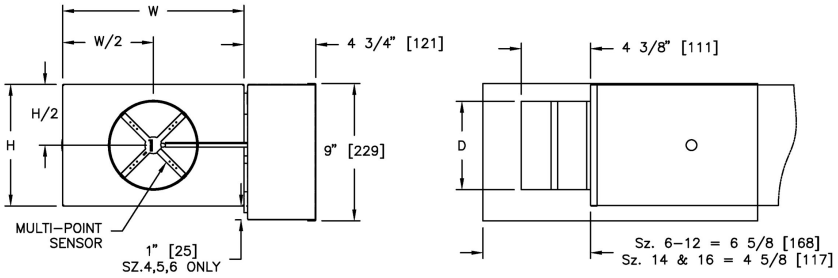
PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/4/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/////0.00/////////////0.0/////////100,125/150,200/0/0/0/////HB/115-24V/////////////////////2001

SDV Single Duct w/ Hot Water Coil



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
6	6	5 7/8	N/A	12	8	25 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume

SDV-1-1//I/6/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/1R////0.00//////////////0.0/////////225/350/0/0/225/ADL/4x6///HB/115-24V/////////////////////2001

All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
Information within this document is subject to change without notice.

Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.
- ADL - Bottom access door with snap latches.

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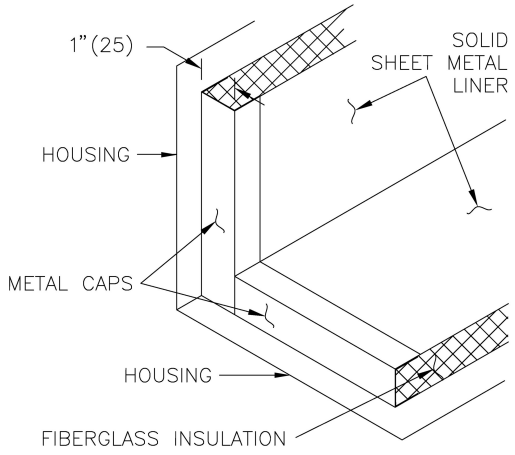
VAV Terminals
AHRI Standard 880

Insulation: SM1

- Internal Insulation – Fiberglass 1” (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/6/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/1R////0.00//////////////0.0/////////225/350/0/0/225/ADL/4x6///HB/115-24V//////////////////////2001

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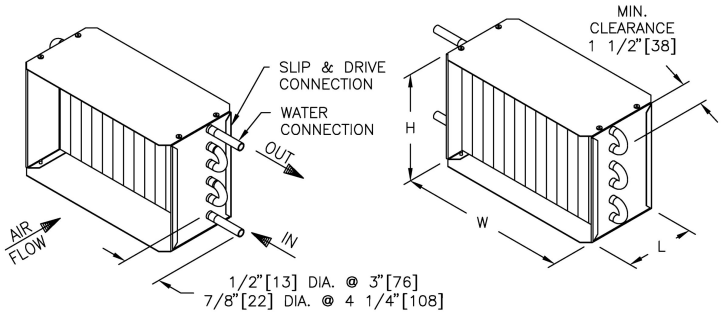
Information within this document is subject to change without notice.

Water Coil: 1R

1 Row Right Hand



Unit Size	Coil Rows	W	H	L	Coil Connection
6	1	12	8	5	1/2

Water Coil Notes

- Fabricated from 22 gauge galvanized steel. Mechanically sealed, leak resistant construction.
- Hot water coils have copper tubes and aluminum fins with O.D. sweat connections.
- Refer to submitted terminal unit schedule for air volumes and reheat coil capacities.
- Method of venting reheat coil is to be provided by installing contractor.
- Hand of water coil connections is determined when viewed from the air inlet side (RH shown above). Handing is specified at time of order.
- Configuration of coil connection varies with size & rows of coil.
- Water coil performance rated and certified in accordance with the current edition of AHRI standard 410.
- Standard coils supplied with 10 fins per inch.
- Allow 1.5" (38) minimum clearance for installation at coil header end

Access Door: ADL

Insulated Access Door c/w Snap Latches

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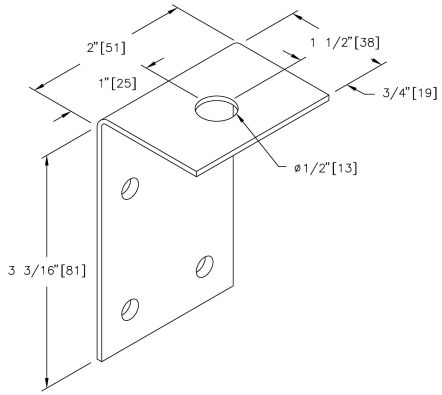
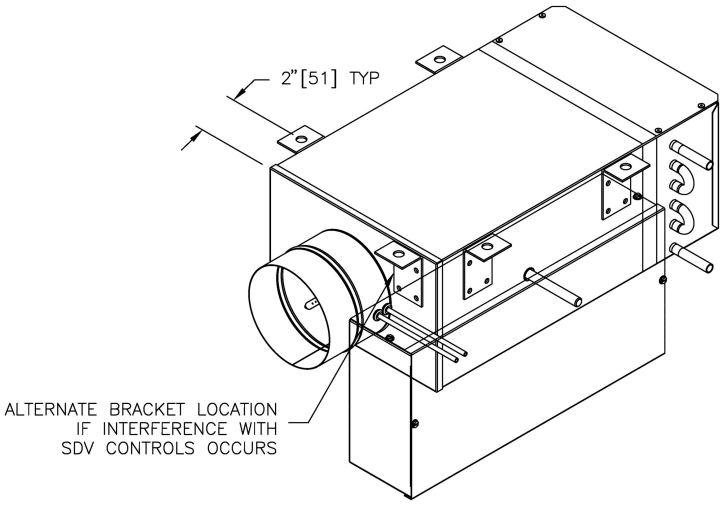
Information within this document is subject to change without notice.

Hanger Bracket: HB

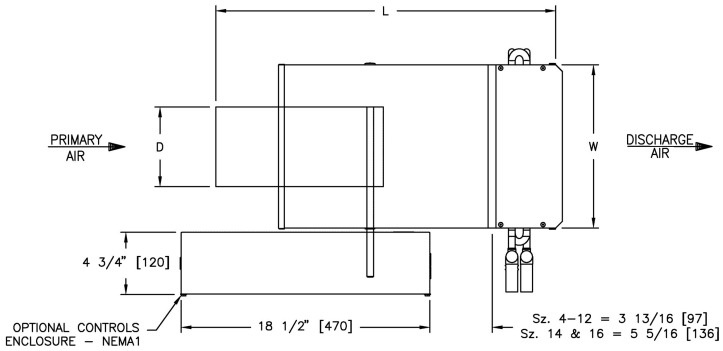


Suggested HB Location



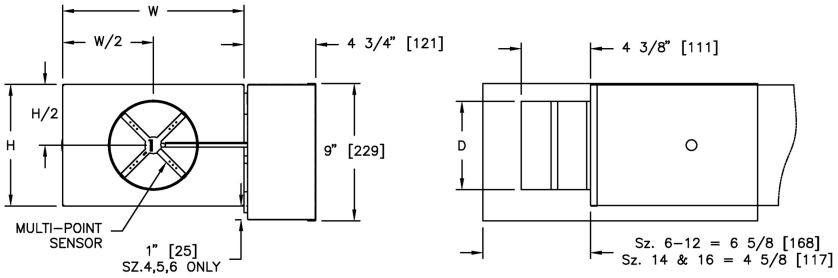
PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/6/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/1R////0.00//////////////0.0/////////225/350/0/0/225/ADL/4x6///HB/115-24V//////////////////////2001

SDV Single Duct w/ Hot Water Coil



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
8	8	7 7/8	N/A	12	10	25 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume

SDV-1-1//I/8/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////375/625/0/0/375/ADL/4x6///HB/115-24V/////////////////////2001

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Information within this document is subject to change without notice.

Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.
- ADL - Bottom access door with snap latches.

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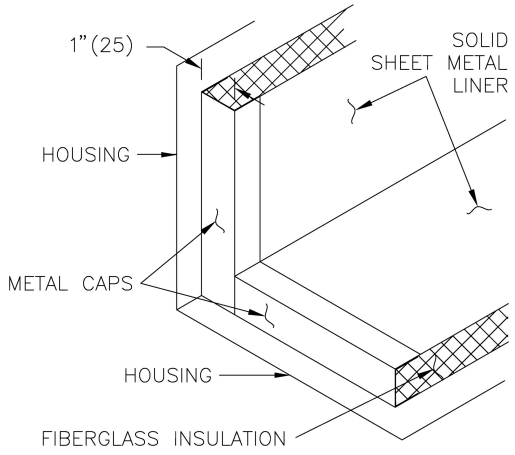
VAV Terminals
AHRI Standard 880

Insulation: SM1

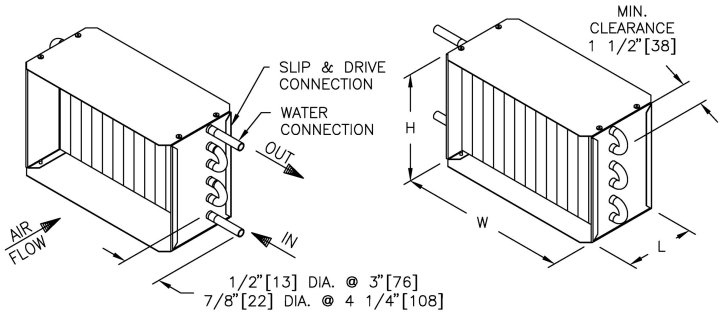
- Internal Insulation – Fiberglass 1” (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/8/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////375/625/0/0/375/ADL/4x6///HB/115-24V//////////////////////2001

Water Coil: 2R

2 Row Right Hand



Unit Size	Coil Rows	W	H	L	Coil Connection
8	2	12	10	5	7/8

Water Coil Notes

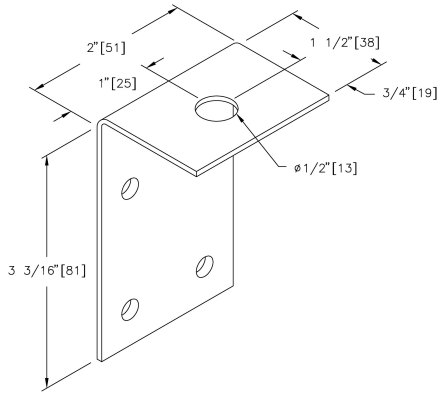
- Fabricated from 22 gauge galvanized steel. Mechanically sealed, leak resistant construction.
- Hot water coils have copper tubes and aluminum fins with O.D. sweat connections.
- Refer to submitted terminal unit schedule for air volumes and reheat coil capacities.
- Method of venting reheat coil is to be provided by installing contractor.
- Hand of water coil connections is determined when viewed from the air inlet side (RH shown above). Handing is specified at time of order.
- Configuration of coil connection varies with size & rows of coil.
- Water coil performance rated and certified in accordance with the current edition of AHRI standard 410.
- Standard coils supplied with 10 fins per inch.
- Allow 1.5" (38) minimum clearance for installation at coil header end

Access Door: ADL

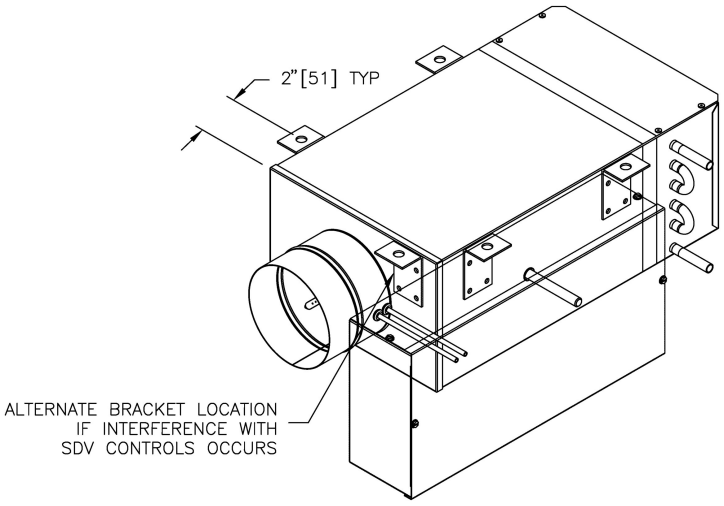
Insulated Access Door c/w Snap Latches

All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
Information within this document is subject to change without notice.

Hanger Bracket: HB



Suggested HB Location



PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/8/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////375/625/0/0/375/ADL/4x6///HB/115-24V//////////////////////2001

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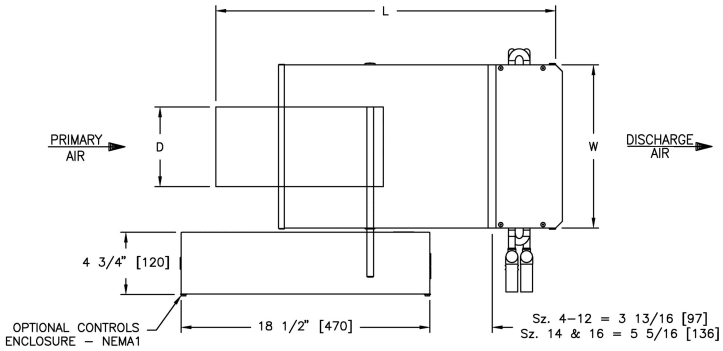
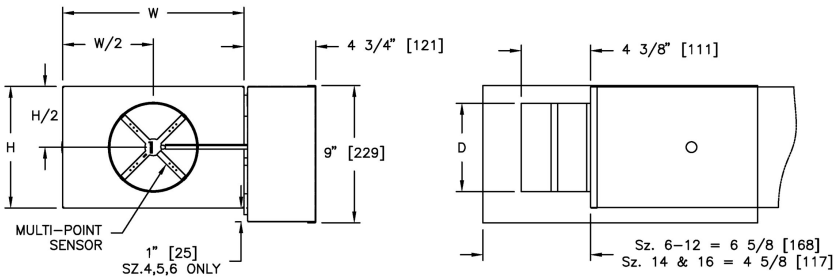
Information within this document is subject to change without notice.

SDV Single Duct w/ Hot Water Coil



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
12	12	11 7/8	N/A	16	15	25 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/12/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////800,750/1300,1250/0/0/800,750/ADL/4x6///HB/115-24V//////////////////2001

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Information within this document is subject to change without notice.

Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.
- ADL - Bottom access door with snap latches.

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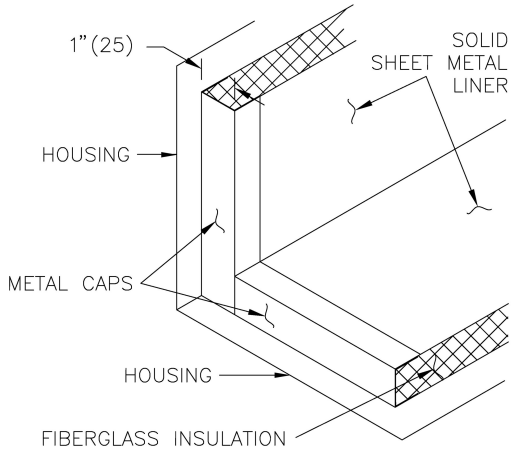
AHRI Standard 880

Insulation: SM1

- Internal Insulation – Fiberglass 1” (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/12/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////800,750/1300,1250/0/0/800,750/ADL/4x6///HB/115-24V//////////////////2001

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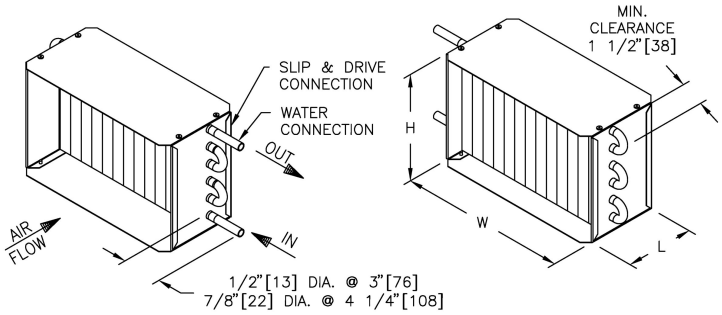
Water Coil: 2R

2 Row Right Hand



Unit Size	Coil Rows	W	H	L	Coil Connection
12	2	16	15	5	7/8

Water Coil Notes

- Fabricated from 22 gauge galvanized steel. Mechanically sealed, leak resistant construction.
- Hot water coils have copper tubes and aluminum fins with O.D. sweat connections.
- Refer to submitted terminal unit schedule for air volumes and reheat coil capacities.
- Method of venting reheat coil is to be provided by installing contractor.
- Hand of water coil connections is determined when viewed from the air inlet side (RH shown above). Handing is specified at time of order.
- Configuration of coil connection varies with size & rows of coil.
- Water coil performance rated and certified in accordance with the current edition of AHRI standard 410.
- Standard coils supplied with 10 fins per inch.
- Allow 1.5" (38) minimum clearance for installation at coil header end

Access Door: ADL

Insulated Access Door c/w Snap Latches

PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/12/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////800,750/1300,1250/0/0/800,750/ADL/4x6///HB/115-24V//////////////////2001

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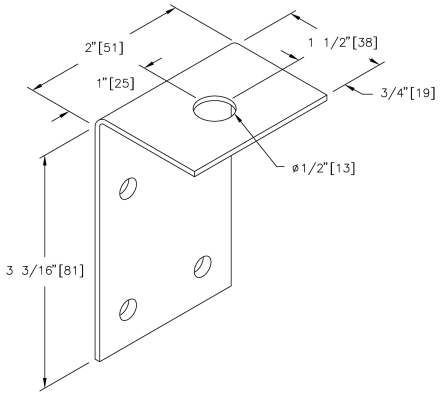
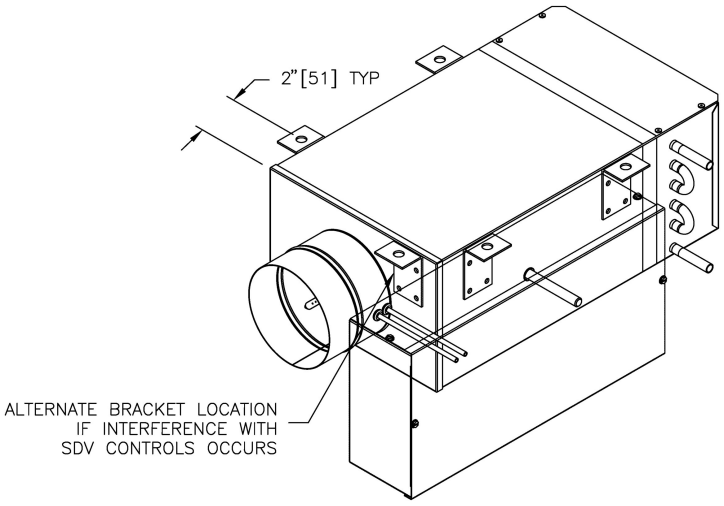
Information within this document is subject to change without notice.

Hanger Bracket: HB



Suggested HB Location



PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/12/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////800,750/1300,1250/0/0/800,750/ADL/4x6///HB/115-24V//////////////////2001

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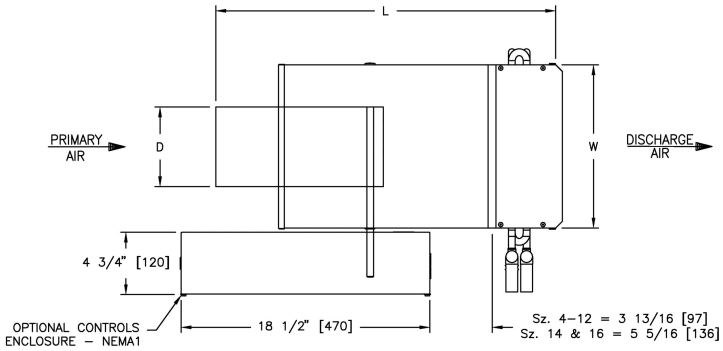
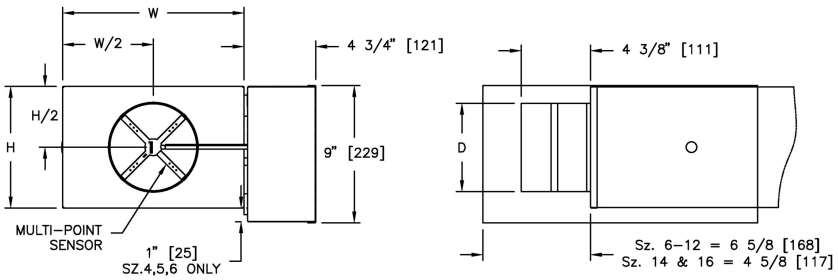
SDV Single Duct w/ Hot Water Coil



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
10	10	9 7/8	N/A	14	12 1/2	25 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/10/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////725,575/1175,925/0/0/725,575/ADL/4x6///HB/115-24V////// ////////////////2001

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Information within this document is subject to change without notice.

Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
- Rectangular discharge opening with slip and drive cleat duct connection.
- Assembly ETL certified to UL873.
- Metal end caps supplied on discharge end of exposed insulation.
- Damper blade constructed of two layers of galvanized steel with a sandwiched peripheral gasket.
- 1/2" (13) diameter zinc coated damper shaft with position indicator.
- Units not to be used for temporary heat or ventilation during construction.
- ADL - Bottom access door with snap latches.

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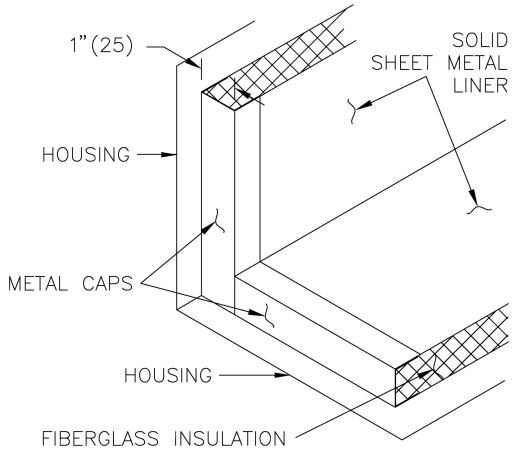
VAV Terminals
AHRI Standard 880

Insulation: SM1

- Internal Insulation – Fiberglass 1" (25mm) thick, 1.75 lb/cu.ft density, meets requirements of NFPA90A and UL 181. Insulation covered with solid metal liner.
- R-Value=4.1



PROJECT: AESC Battery Plant VAV
SUBMITTAL NO: 269757-B
SUBMITTAL DATE: 7/11/2024
ENGINEER:
CUSTOMER: SPC Mechanical
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/10/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////725,575/1175,925/0/0/725,575/ADL/4x6///HB/115-24V////// ////////////////2001

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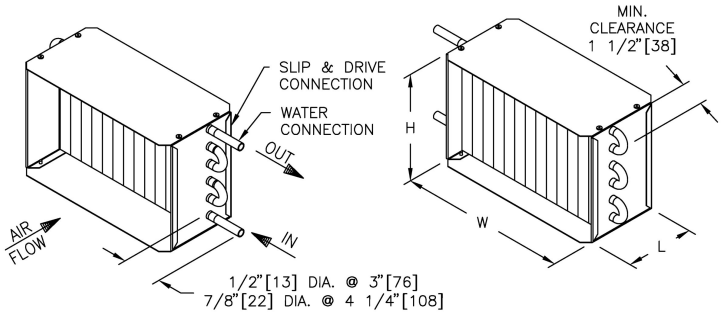
Water Coil: 2R

2 Row Right Hand



Unit Size	Coil Rows	W	H	L	Coil Connection
10	2	14	12 1/5	5	7/8

Water Coil Notes

- Fabricated from 22 gauge galvanized steel. Mechanically sealed, leak resistant construction.
- Hot water coils have copper tubes and aluminum fins with O.D. sweat connections.
- Refer to submitted terminal unit schedule for air volumes and reheat coil capacities.
- Method of venting reheat coil is to be provided by installing contractor.
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- Configuration of coil connection varies with size & rows of coil.
- Water coil performance rated and certified in accordance with the current edition of AHRI standard 410.
- Standard coils supplied with 10 fins per inch.
- Allow 1.5" (38) minimum clearance for installation at coil header end

Access Door: ADL

Insulated Access Door c/w Snap Latches

PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/10/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////725,575/1175,925/0/0/725,575/ADL/4x6///HB/115-24V////// ////////////////2001

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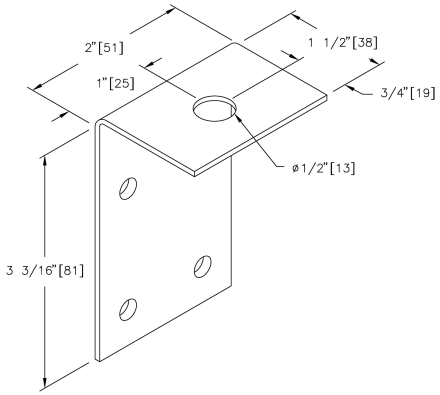
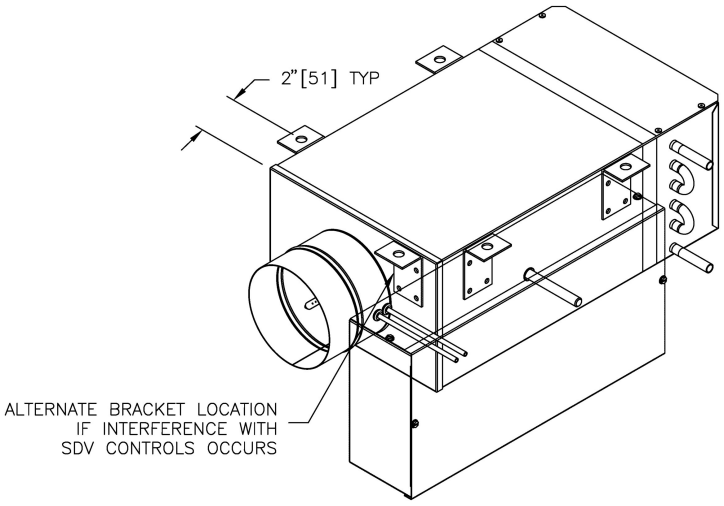
Hanger Bracket: HB



Suggested HB Location



PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/10/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS/WC/2R////0.00//////////////0.0/////////725,575/1175,925/0/0/725,575/ADL/4x6///HB/115-24V////// ////////////////2001

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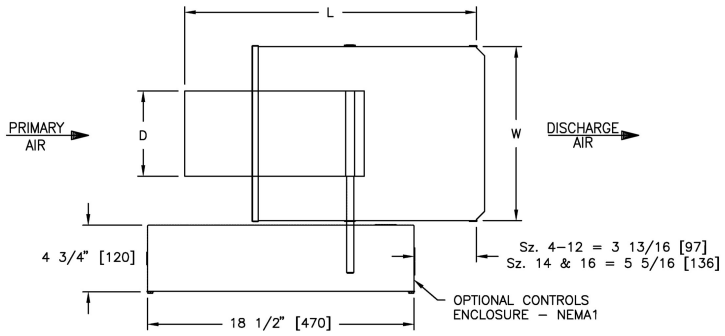
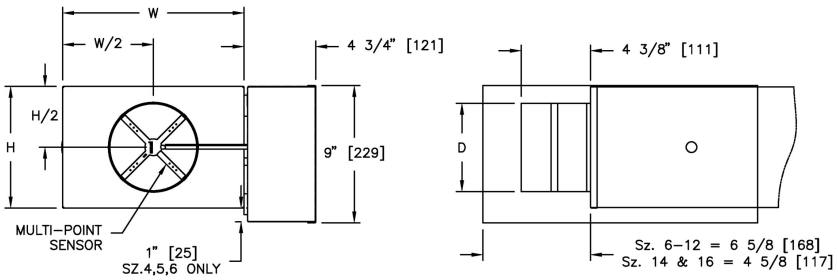
SDV Single Duct



Unit Size	Casing Size	Inlet		Casing		Length
		D	E	W	H	L
16	16	15 7/8	N/A	24	18	20 1/8

Controls Type



- Multi-point, center averaging airflow sensor.
- Controls enclosure will be supplied as illustrated on right hand side.
- Controls are factory mounted and supplied by controls contractor.
- 115-24V control transformer included.
- PS - Nema 1 controls enclosure included.
- Pressure independent

PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume

SDV-1-1//I/16/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////2225,2150/3675,3550/0/0/0/////HB/115-24V/////////////////////2001

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Notes

- 22 Gauge zinc coated steel housing. Mechanically sealed, leak resistant construction.
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AHRI CERTIFIED™ www.ahridirectory.org VAV Terminals AHRI Standard 880

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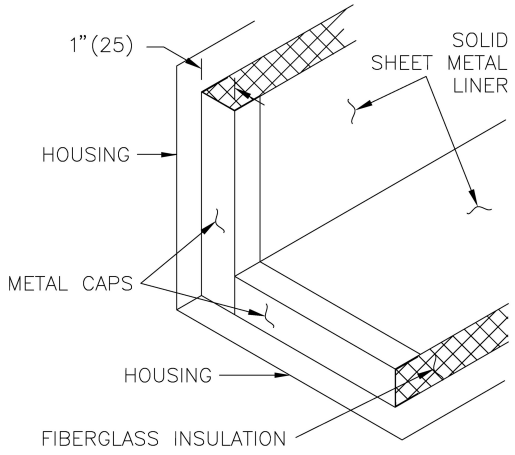
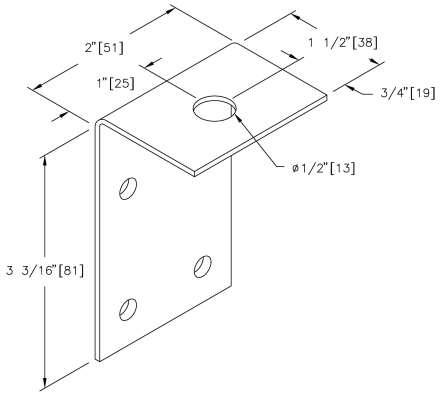
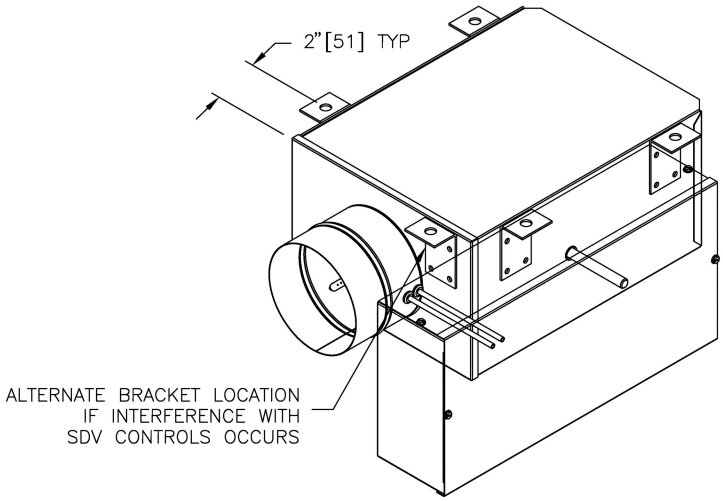
- R-Value=4.1



Hanger Bracket: HB



Suggested HB Location



PROJECT: AESC Battery Plant VAV
ENGINEER:
SUBMITTAL NO: 269757-B
CUSTOMER: SPC Mechanical
SUBMITTAL DATE: 7/11/2024
DESCRIPTION: Single Duct Variable Volume
SDV-1-1//I/16/FAC///CFM/CRH/SM1/ENDCAP/22GA/PS//////0.00//////////////0.0/////////2225,2150/3675,3550/0/0/0/////HB/115-24V//////////////////////2001

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