

Report By:

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Report: TAB

Function: Test, Adjust, & Balance

Date: 01/18/2026

Completed By: National TAB

PROJECT

Fieldstone @ Chester Springs ALF (Chester Springs, PA)

145 Byers Rd

Chester Springs, PA 19475

Client

D.J. Wagner Heating & Air Conditioning, Inc.

30 Cutler Avenue

Westville, NJ 08093

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Project: Fieldstone @ Chester Springs ALF (Chester Springs, PA)

System/Unit: Energy Recovery Unit

Asset: ERU-1

AREA:COMMON AREAS

Unit Data	
	Actual
MFG	DAIKIN
Model Num	DPS020AHMG4DW-4
Serial Num	FBOU230501800
Num Exh-Filters 1	2
Exh-Filter Size 1	18X24X2
Num Exh-Filters 2	
Exh-Filter Size 2	
Num OA-Filters 1	9
OA-Supply Size 1	18X24X2
Num OA-Filters 2	
OA-Filter Size 2	

Exhaust Fan Motor Data		
	Design	Actual
Motor MFG	-	2 x DAIKIN
Frame	-	NL
Horsepower	5.0	3300W
Motor Rpm	1603	3300
Phase	3	3
Voltage (rated)	480	480
Amperage (rated)	-	5.4
Service Factor	-	NL

OA Fan Motor Data		
	Design	Actual
Motor MFG	-	BALDOR RELIANCE
Frame	-	215T
Horsepower	7.5	10
Motor Rpm	2083	1770
Phase	3	3
Voltage (rated)	480	460
Amperage (rated)	-	12.5
Service Factor	-	1.15
Brake Horse Power	-	

Exhaust Fan Test Data		
	Design	Actual
Exh-ERU CFM	7615	
Exh-ERU RPM	1603	
Motor Frequency	-	
Exh-ERU System SetPt	-	
RL Voltage	480	
RL Amperage	-	
Brake Horse Power	-	

Exhaust Fan Performance Data		
	Design	Actual
Exh-ERU Filter Delta SP	-	
Exh-ERU Wheel Delta SP	-	
Exh-ERU Inlet T (db/wb)	-	
Exh-ERU Discharge T (db/wb)	-	
Exh-ERU Delta T	-	

OA Fan Test Data		
	Design	Actual
OA-ERU CFM	6720	
OA-ERU RPM	2083	
Motor Frequency	-	
RL Voltage	480	
RL Amperage	-	

OA Fan Performance Data		
	Design	Actual
OA-ERU Filter Delta SP	-	
OA-ERU Wheel Delta SP	-	
OA-ERU Inlet T (db/wb)	-	
OA-ERU Discharge T (db/wb)	-	
OA-ERU Delta T	-	



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Project: Fieldstone @ Chester Springs ALF (Chester Springs, PA)

Energy Recovery Unit

Diffuser Supply (GRD)

ERU-1/COMMON AREAS

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-1	3058 HALLWAY	SD	4	25			-
1-2	3056 PC OFFICE	SD	4	10			-
1-3	3057 HALLWAY	SD	4	40			-
1-4	3051 LAUNDRY	SD	4	35			-
1-5	3034 PC MEDS	SD	4	30			-
1-6	3059 HALLWAY	SD	8	120			-
1-7	3060 HALLWAY	SD	4	20			-
1-8	3057 HALLWAY	SD	8	110			-
1-9	3001A READING LOUNGE	SD	8	110			-
1-10	3001A READING LOUNGE	SD	8	160			-
1-11	2037 PC OFFICE	SD	4	15			-
1-12	2001 MULTI PURPOSE	SD	10	300			-
1-13	2039 HALLWAY	SD	4	30			-
1-14	2032 LAUNDRY	SD	4	35			-
1-15	2015 PC MEDS	SD	4	50			-
1-16	2043 LOUNGE	SD	8	140			-
1-17	2040 HALLWAY	SD	4	20			-
1-18	2038 HALLWAY	SD	4	25			-
1-19	227 LAUNDRY	SD	4	25			-
1-20	2005 PANTRY	SD	4	40			-
1-21	226 MC DINING	SD	6	520			-
1-22	200 HALLWAY	SD	4	30			-
1-23	204 STORAGE	AHU-2.13 DAMPER		30			-
1-24	203 OFFICE	AHU-2.14 DAMPER		30			-
1-25	1051 HALLWAY	SD	8	120			-
1-26	1045 DISCOVERY	AHU-1.12 DAMPER		85			-
1-27	MULTI PURPOSE	SR	14X6	200			-
1-28	1044 MARKETING	SD	4	15			-
1-29	1050A HALLWAY	SD	4	60			-
1-30	1042 ADMIN	SD	4	15			-
1-31	1041 CONFERENCE	SD	6	65			-
1-32	1052 HALLWAY	SD	4	30			-
1-33	1015 REHAB	SD	8	100			-
1-34	1047 OFFICE	AHU-1.08 DAMPER		45			-
1-35	1038 EXEC DIRECTOR	SD	6	20			-
1-36	1017 PC MEDS	SD	6	30			-
1-37	1016 BEAUTY/BARBER	AHU-1.06 DAMPER		100			-
1-38	1035 LAUNDRY	SD	4	35			-
1-39	1025 LOUNGE	SD	8	160			-
1-40	1053 HALLWAY	SD	4	20			-
1-41	1014 PUB	SD	14	570			-
1-42	1051 HALLWAY	SD	10	370			-
1-43	1011 PRIVATE DINING	AHU-3.03 DAMPER		150			-
1-44	1010 PC DINING	SD	10	370			-
1-45	1006 OFFICE	SD	4	15			-
1-46	128 MC DINING	SD	10	300			-
1-47	129 STORAGE CL	AHU-3.08 DAMPER		300			-

ERU-1/COMMON AREAS

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-48	129 STORAGE CL	SD	10	300			-
1-49	100 HALLWAY	SD	8	75			-
1-50	101 MC DISCOVERY	SD	6	50			-
1-51	100 HALLWAY	AHU-2.03 DAMPER		35			-
1-52	100 HALLWAY	AHU-2.04 DAMPER		30			-
1-53	HALLWAY	SD	4	25			-
1-54	0009 FACILITIES	SD	6	50			-
1-55	0005 BUILDING STORAGE	SD	8	120			-
1-56	0008 MAINTENANCE	SD	6	50			-
1-57	0010 HOUSE KEEPING	SD	6	50			-
1-58	0017 LAUNDRY WASHERS	SD	6	50			-
1-59	0021 LAUNDRY DRYERS (HALL)	SD	6	50			-
1-60	0013 FIRE PUMP	SD	6	50			-
1-61	0012 MECH & PLUMBING	SD	6	30			-
1-62	0027 HALLWAY	SD	8	100			-
1-63	0002 EMPLOYEE LOUNGE	AHU-4.15 DAMPER		160			-
1-64	0007 RESIDENT STORAGE	SD	8	170			-
1-65	0001 TRAINING	SD	8	120			-
1-66	0016 KITCHEN STORAGE	SD	6	80			-
Total				6720	0	0	0%

Diffuser Ret/Exh (GRD)

ERU-1/COMMON AREAS

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E1-1	3029 TOILET	ER	6	50				-
E1-2	3059 HALLWAY	ER	12X12	40				-
E1-3	3034 PC MEDS	ER	12X12	30				-
E1-4	3051 LAUNDRY	ER	12X12	35				-
E1-5	3046 M/E	ER	6	50				-
E1-6	LOUNGE	ER	12X12	120				-
E1-7	3036 TRASH/JAN	ER	12X12	50				-
E1-8	3043 STORAGE	ER	6	50				-
E1-9	3035 TOILER	ER	6	50				-
E1-10	3060 HALLWAY	ER	6	20				-
E1-11	3001A READING LOUNGE	ER	12X12	235				-
E1-12	3001A READING LOUNGE	ER	12X12	160				-
E1-13	2010 TOILET	ER	6	50				-
E1-14	2015 PC MEDS	ER	12X12	50				-
E1-15	2032 LAUNDRY	ER	12X12	35				-
E1-16	2027 M/E	ER	6	50				-
E1-17	2043 LOUNGE	ER	8X6	140				-
E1-18	2017 TRSH/JAN	ER	8X6	80				-
E1-19	2024 STORAGE	ER	6	50				-
E1-20	2016 TOILET	ER	6	50				-
E1-21	2040 HALLWAY	ER	6	20				-
E1-22	2001 MULTI PURPOSE	ER	12X18	330				-
E1-23	2005 PANTRY	ER	12X12	40				-
E1-24	226 MC DINING	ER	18X18	430				-
E1-25	226A TOILET	ER	6	50				-
E1-26	226 MC DINING	ER	14X8	550				-
E1-27	1014 PUB	ER	12X10	570				-

ERU-1/COMMON AREAS

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E1-28	1045 DISCOVERY	ER	6	50				-
E1-29	100 HALLWAY	ER	10	150				-
E1-30	1044 MARKETING	ER	6	15				-
E1-31	1046 MARKETING	ER	6	20				-
E1-32	1047 OFFICE	ER	6	15				-
E1-33	1041 CONFERENCE	ER	6	65				-
E1-34	1048 HUMAN RESOURCES	ER	6	15				-
E1-35	1049 BUSINESS	ER	6	10				-
E1-36	1015 REHAB	ER	12X12	80				-
E1-37	1015B OFFICE	ER	1X12	20				-
E1-38	1015A TOILET	ER	12X12	50				-
E1-39	1016 BEAUTY/BARBER	ER	6	100				-
E1-40	1050 HALLWAY	ER	12X12	60				-
E1-41	1036	ER	6	15				-
E1-42	1037 TOILET	ER	6	50				-
E1-43	1038 EXECUTIVE DIRECTOR	ER	12X12	20				-
E1-44	1035 LAUNDRY	ER	12X12	35				-
E1-45	1017 PC MEDS	ER	12X12	30				-
E1-46	1025 LOUNGE	ER	8	160				-
E1-47	1018 TOILET	ER	12X12	50				-
E1-48	1019 TRASH/JAN	ER	8X6	50				-
E1-49	1013 TOILET	ER	12X12	50				-
E1-50	1012 TOILET	ER	12X12	50				-
E1-51	1011 PC PRIVATE DINING	ER	8	150				-
E1-52	1010 PC DINING	ER		740				-
E1-53	1006 OFFICE	ER	12X12	15				-
E1-54	128 MC DINING	ER	12X10	600				-
E1-55	130 TOILET	ER	6	50				-
E1-56	100 HALLWAY	ER	12X12	75				-
E1-57	1004 TOILET	ER	6	50				-
E1-58	100 HALLWAY	ER	8X6	65				-
E1-59	101 DISCOVERY	ER	6	50				-
E1-60	0006 LOW HAZARD STORAGE	ER	12X12	45				-
E1-61	0009 FACILITIES	ER	6	50				-
E1-62	0008 MAINTENANCE	ER	6	50				-
E1-63	0024 J.C.	ER	6	50				-
E1-64	0005 BUILDING STORAGE	ER	12X12	120				-
E1-65	0010 HOUSEKEEPING	ER	6	50				-
E1-66	0017 LAUNDRY WASHERS	ER	6	50				-
E1-67	0022 CLEAN STORAGE	ER	6	30				-
E1-68	0021 LAUNDRY DRYERS	ER	6	20				-
E1-69	0013 FIRE PUMP	ER	6	50				-
E1-70	0012 MECH & PLUMBING	ER	6	30				-
E1-71	0011 TOILET	ER	6	50				-
E1-72	0002 EMPLOYEE LOUNGE	ER	8	160				-
E1-73	0004 EMPLOYEE BATHROOM	ER	6	50				-

ERU-1/COMMON AREAS

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E1-74	0001 TRAINING	ER	8	120				-
E1-75	0016 KITCHEN STORAGE	ER	6	80				-
E1-76	0027 HALLWAY	ER	6	100				-
E1-77	0007 RESIDENT STORAGE	ER	8X6	170				-
Total				7615		0	0	0%