

National TAB

Project: 02-20-23 LIVERY - MONTGOMERY, OH

System/Unit: AHU/RTU



Comfort. Under control.

Asset: F 7

AREA:005

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	NA
Model Num	NA	59SC5B120E24-22
Configuration	-	HORIZONTAL
Num PreFilter 1	-	1
PreFilter Size 1	-	20X25X1

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.0	1.0
Motor Rpm	-	NA
Phase	1.0	1.0
Rated Voltage	115	115
Rated Amperage	-	12.4
Service Factor	-	1.0

Completed By: Austin McFall

Notes:

Test Data		
	Design	Actual
SF CFM	2000	1985
SF RPM	-	DD
RA CFM	1700	1574
OA CFM	465	411
RL Voltage	-	166
RL Amperage	-	11.8
OA Damper Position	-	0.75"
Brake Horse Power	-	0.95

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.32"
Fan Discharge SP	-	0.21"
Fan Total SP	-	0.53"

National TAB

Project:02-20-23 LIVERY - MONTGOMERY, OH

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

F 7/005

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
F 7-SGRD1	005	CD-4W-2	8	170	1	161		165	97.1
F 7-SGRD2	005	CD-4W-4	8	228	1	233		239	104.8
F 7-SGRD3	005	CD-4W-4	8	228	1	246		233	102.2
F 7-SGRD4	005	CD-4W-4	8	228	1	219		222	97.4
F 7-SGRD5	005	CD-4W-4	8	228	1	265		231	101.3
F 7-SGRD6	005	LD-2	48X5	228	1	187		222	97.4
F 7-SGRD7	005	CD-4W-4	8	228	1	308		229	100.4
F 7-SGRD8	005	CD-4W-4	8	228	1	263		219	96.1
F 7-SGRD9	005	CD-4W-4	8	215	1	278		225	104.7

Completed By: Austin McFall on

National TAB

Project: 02-20-23 LIVERY - MONTGOMERY, OH

System/Unit: AHU/RTU



Comfort. Under control.

Asset: F 8

AREA:005

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	NA
Model Num	NA	59SC5B120E24-22
Configuration	-	HORIZONTAL
Num PreFilter 1	-	1
PreFilter Size 1	-	20X25X1

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.0	1.0
Motor Rpm	-	NA
Phase	1.0	1.0
Rated Voltage	115	115
Rated Amperage	12.4	12.4
Service Factor	-	1.0

Test Data		
	Design	Actual
SF CFM	2000	2034
SF RPM	-	DD
RA CFM	-	1603
OA CFM	465	431
RL Voltage	-	116
RL Amperage	-	11.4
OA Damper Position	-	0.75"
Brake Horse Power	-	0.92

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.25"
Fan Discharge SP	-	0.22"
Fan Total SP	-	0.47"

Completed By: Austin McFall

Notes:

National TAB

Project:02-20-23 LIVERY - MONTGOMERY, OH

AHU/RTU



Diffuser Supply (GRD)

F 8/005

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
F 8-SGRD1	MEN'S RR	CD-4W-2	8	170	1	222		166	97.6
F 8-SGRD2	DINING	CD-4W-4	8	228	1	187		222	97.4
F 8-SGRD3	DINING	CD-4W-4	8	228	1	215		219	96.1
F 8-SGRD4	DINING	CD-4W-4	8	228	1	231		236	103.5
F 8-SGRD5	DINING	CD-4W-4	8	228	1	212		219	96.1
F 8-SGRD6	DINING	CD-4W-4	8	228	1	231		235	103.1
F 8-SGRD7	DINING	CD-4W-4	8	228	1	239		241	105.7
F 8-SGRD8	DINING	LD-2	48X5	240	1	252		255	106.3
F 8-SGRD9	DINING	LD-2	48X5	240	1	333		241	100.4

Completed By: Austin McFall on

National TAB

Project: 02-20-23 LIVERY - MONTGOMERY, OH

System/Unit: AHU/RTU



Comfort. Under control.

Asset: F 9

AREA:010

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	NA
Model Num	NA	59SC5B120E24-22
Configuration	-	HORIZONTAL
Num PreFilter 1	-	1
PreFilter Size 1	-	20X25X1

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.0	1.0
Motor Rpm	-	NA
Phase	1	1.0
Rated Voltage	115	115
Rated Amperage	-	12.4
Service Factor	-	1.0

Test Data		
	Design	Actual
SF CFM	2000	1970
SF RPM	-	DD
RA CFM	1600	1588
OA CFM	400	412
RL Voltage	-	116
RL Amperage	-	11.8
OA Damper Position	-	0.685"
Brake Horse Power	-	0.95

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.29"
Fan Discharge SP	-	0.24"
Fan Total SP	-	0.53"

Completed By: Austin McFall

Notes:

National TAB

Project:02-20-23 LIVERY - MONTGOMERY, OH

AHU/RTU



Diffuser Supply (GRD)

F 9/010

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	010	CD-4W-5	10	285	1	403	277	277	97.2
SGRD2	010	CD-4W-5	10	285	1	217	266	266	93.3
SGRD3	010	CD-4W-5	10	285	1	297	279	279	97.9
SGRD4	010	CD-4W-5	10	285	1	291	293	293	102.8
SGRD5	010	CD-4W-5	10	285	1	0	288	288	101.1
SGRD6	010	CD-4W-5	10	285	1	289	291	291	102.1
SGRD7	010	CD-4W-5	10	285	1	587	276	276	96.8

Completed By: Austin McFall on

National TAB

Project: 02-20-23 LIVERY - MONTGOMERY, OH

System/Unit: AHU/RTU



Comfort. Under control.

Asset: F 10

AREA:BAR/DINING

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	NA
Model Num	NA	59SC5B120E24-22
Configuration	-	HORIZONTAL
Num PreFilter 1	-	1
PreFilter Size 1	-	20X25X1

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.0	1.0
Motor Rpm	-	NA
Phase	1	1.0
Rated Voltage	115	115
Rated Amperage	-	12.4
Service Factor	-	1.0

Test Data		
	Design	Actual
SF CFM	2000	2035
SF RPM	-	DD
RA CFM	1535	1574
OA CFM	465	461
RL Voltage	-	116
RL Amperage	-	11.6
OA Damper Position	-	0.75"
Brake Horse Power	-	0.935

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.25"
Fan Discharge SP	-	0.22"
Fan Total SP	-	0.47"

Completed By: Austin McFall

Notes:

National TAB

Project:02-20-23 LIVERY - MONTGOMERY, OH

AHU/RTU



Diffuser Supply (GRD)

F 10/BAR/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
F 10-SGRD1	BAR	CD-4W-5	10	295	1	302		302	102.4
F 10-SGRD2	BAR	CD-4W-5	10	295	1	323		323	109.5
F 10-SGRD3	BAR	CD-4W-5	10	295	1	319		319	108.1
F 10-SGRD4	HALLWAY	CD-4W-5	10	295	1	315		315	106.8
F 10-SGRD5	DINING	CD-4W-5	10	350	1	319		319	91.1
F 10-SGRD6	DINING	LD-2	48X5	235	1	213		213	90.6
F 10-SGRD7	DINING	LD-2	48X5	235	1	244		244	103.8

Completed By: Austin McFall on

National TAB

Project: 02-20-23 LIVERY - MONTGOMERY, OH

System/Unit: AHU/RTU



Comfort. Under control.

Asset: F 11

AREA:010

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	NA
Model Num	NA	59SC5B120E24-22
Configuration	-	HORIZONTAL
Num PreFilter 1	-	1
PreFilter Size 1	-	20X25X1

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.0	1.0
Motor Rpm	-	NA
Phase	1	1.0
Rated Voltage	115	115
Rated Amperage	-	12.4
Service Factor	-	1.0

Test Data		
	Design	Actual
SF CFM	2000	2084
SF RPM	-	DD
RA CFM	1600	1661
OA CFM	400	423
RL Voltage	-	166
RL Amperage	-	11.7
OA Damper Position	-	0685"
Brake Horse Power	-	0.94

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.19"
Fan Discharge SP	-	0.22"
Fan Total SP	-	0.41"

Completed By: Austin McFall

Notes:

National TAB

Project:02-20-23 LIVERY - MONTGOMERY, OH

AHU/RTU



Comfort. Under control.

Diffuser Supply (GRD)

F 11/010

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	010	CD-4W-1	6	95	1	89		91	95.8
SGRD2	010	CD-4W-5	10	333	1	357		342	102.7
SGRD3	010	CD-4W-5	10	333	1	326		329	98.8
SGRD4	00	CD-4W-5	10	333	1	301		312	93.7
SGRD5	010	CD-4W-5	10	333	1	356		339	101.8
SGRD6	010	CD-4W-5	10	333	1	286		314	94.3
SGRD7	010	CD-4W-5	10	333	1	363		357	107.2

Completed By: Austin McFall on

National TAB

Project: 02-20-23 LIVERY - MONTGOMERY, OH

System/Unit: AHU/RTU



Comfort. Under control.

Asset: F 12

AREA:004

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	NA
Model Num	NA	59SC5B120E24-22
Configuration	-	HORIZONTAL
Num PreFilter 1	-	1
PreFilter Size 1	-	20X25X1

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NA
Horsepower	1.0	1.0
Motor Rpm	-	NA
Phase	1	1.0
Rated Voltage	115	115
Rated Amperage	-	12.4
Service Factor	-	1.0

Test Data		
	Design	Actual
SF CFM	2000	1889
SF RPM	-	DD
RA CFM	1535	1437
OA CFM	465	498
RL Voltage	115	116
RL Amperage	-	11.2
OA Damper Position	-	0.75"
Brake Horse Power	-	0.90

Performance Data		
	Design	Actual
Fan Suction SP	-	-0.27"
Fan Discharge SP	-	0.22"
Fan Total SP	-	0.49"

Completed By: Austin McFall

Notes:

National TAB

Project:02-20-23 LIVERY - MONTGOMERY, OH

AHU/RTU



Diffuser Supply (GRD)

F 12/004

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	004	LD-3	48X6	285	1	259		259	90.9
SGRD2	004	LD-3	48X6	285	1	262		262	91.9
SGRD3	004	LD-3	48X6	285	1	277		277	97.2
SGRD4	004	LD-3	48X6	285	1	266		266	93.3
SGRD5	004	LD-3	48X6	285	1	267		267	93.7
SGRD6	004	LD-3	48X6	285	1	279		279	97.9
SGRD7	004	LD-3	48X6	285	1	279		279	97.9

Completed By: Austin McFall on