



National TAB

Project: 10-07-24 ROOM & BOARD AUSTIN, TX (REVIVE)

System/Unit: AHU/RTU



Asset: AHU1

AREA:FRONT SALES

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	16235YFFWA
Model Num	NA	TWE180E300AA
Type	AHU	AHU
Configuration	VERTICAL	HORIZONTAL
Num OA Filters 1	-	N/A
OA Filter Size 1	-	N/A
Num Final Filter 1	-	8
Final Filter Size 1	-	15X20X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	NL
Horsepower	-	3
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	460	460
Rated Amperage	-	4.6

Drive Data	
	Actual
Motor Sheave Size	1VP40
Motor Bore Size	3/4"
Motor Sheave SetPt	3 TURNS OPEN
Fan Sheave Size	AK90
Fan Sheave Bore	1 1/2"
Belt CL Distance	20"
Num of Belts	1
Belt Size	B-58
Belt Alignment	CORRECT

Test Data		
	Design	Actual
SF CFM	5000	5186
SF RPM	-	718
RA CFM	1910	4779
OA CFM	1290	407
RL Voltage	-	483/480/482
RL Amperage	-	4.2/4.1/4.3
SF Rotation	-	CCW
RA Damper Position	-	100%
Min OA Damper Position	-	10%
Min OA Damper Type	-	OPPOSED BLADE

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.33"
Fan Suction SP	-	-0.39"
Fan Discharge SP	-	0.44"
Total ESP	0.50"	0.77"
Fan Total SP	0.50"	0.83"

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	YES
Condensate Drain Installed	YES

Completed By: Wesley John on 10/18/2024

Notes:
OUTSIDE AIR KEPT LOWER THAN DESIGN TO PREVENT OVER PRESSURIZATION OF SPACE.

Written By: Wesley John on 10/18/2024



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Project: 10-07-24 ROOM & BOARD AUSTIN, TX (REVIVE)

System/Unit: AHU/RTU



Asset: AHU2

AREA:BACK SALES/BOH

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	16253ME8BA
Model Num	NA	TWE120E300AC
Type	AHU	AHU
Configuration	HORIZONTAL	HORIZONTAL
Num OA Filters 1	-	N/A
OA Filter Size 1	-	N/A
Num Final Filter 1	-	4
Final Filter Size 1	-	16X25X1

Motor Data		
	Design	Actual
Motor MFG	-	(1)
Frame	-	(1)
Horsepower	-	(1)
Motor Rpm	-	(1)
Phase	3	3
Rated Voltage	460	460
Rated Amperage	-	(1)

Drive Data	
	Actual
Motor Sheave Size	1VP40
Motor Bore Size	3/4"
Motor Sheave SetPt	2 TURNS OPEN
Fan Sheave Size	AK80
Fan Sheave Bore	1"
Belt CL Distance	17 1/2"
Num of Belts	1
Belt Size	A50
Belt Alignment	CORRECT

Test Data		
	Design	Actual
SF CFM	3000	2941
SF RPM	-	754
RA CFM	3795	2631
OA CFM	1205	310
RL Voltage	-	476/478/474
RL Amperage	-	2.8/2.8/2.9
SF Rotation	-	CCW
RA Damper Position	-	100%
Min OA Damper Position	-	10%
Min OA Damper Type	-	MANUAL

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.29"
Fan Suction SP	-	-0.27"
Fan Discharge SP	-	0.33"
Total ESP	0.50	0.62"
Fan Total SP	0.50"	0.60"

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	YES
Condensate Drain Installed	YES

Completed By: Wesley John on 10/18/2024

Notes:
 (1). MOTOR DATA TAG NOT ACCESIBLE.
 OUTSIDE AIR KEPT LOWER THAN DESIGN TO PREVENT OVER PRESSURIZATION OF SPACE.

Written By: Wesley John on 10/18/2024



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Project: 10-07-24 ROOM & BOARD AUSTIN, TX (REVIVE)

System/Unit: FAN - Exhaust



Asset: EF1

AREA:RESTROOMS

Unit Data		
	Design	Actual
MFG	GREENHECK	COOK
Model Num	SQ-85-VG	90 SQN
Serial Num	-	287SG48403
Type	CENTRIFUGAL	CENTRIFUGAL
Configuration	INLINE	INLINE

Test Data		
	Design	Actual
CFM	375	394
Fan RPM	-	DIRECT DRIVE
Fan Rotation	-	CCW
Motor RPM	-	DIRECT DRIVE
System SetPt	-	SINGLE SPEED
RL Voltage	-	[1]
RL Amperage	-	[1]
Total ESP	0.40"	0.37"
Fan Inlet SP	-	-0.24"
Fan Discharge SP	-	0.13"

Motor Data		
	Design	Actual
Motor MFG	-	NL
Frame	-	NL
Horsepower	-	0.167
Motor Rpm	-	1725
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	NL
Service Factor	-	NL

Completed By: Wesley John on 10/18/2024

Notes:

[1] UNABLE TO ACCESS TO MEASURE MOTOR AMPERAGE AND VOLTAGE.

Written By: Wesley John on 10/18/2024