

National TAB

Project: 05-09 KROGER #034-327 - CYPRESS, TX (RTU REPLACEMENT)

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU1

AREA:FROZEN

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	C21H05734
Model Num	SFHFLF604H	SFHFLF604HV10C99DA001ACC
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	N/A
OA Filter Size 1	-	N/A
Num OA Filters 2	-	
OA Filter Size 2	-	
Num Final Filter 1	-	35
Final Filter Size 1	-	16x20x2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	324T
Horsepower	40	40
Motor Rpm	1775	1775
Phase	3	3
Rated Voltage	460	460
Rated Amperage	-	48.2
Service Factor	-	
Efficiency	-	
Power Factor	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	3B5V66
Motor Bore Size	-	2 1/8"
Motor Sheave SetPt	-	FIXED
Fan Sheave Size	-	3B5V124
Fan Sheave Bore	-	2 3/16"
Belt CL Distance	-	32 3/4"
Num of Belts	-	3
Belt Size	-	5VX960
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM (Initial)	-	
SF CFM	25600	25585
SF RPM (Initial)	-	
SF RPM	948	850
RA CFM	21700	21779
OA CFM	3900	3806
RL Voltage	-	488/489/487
RL Amperage Initial	-	
RL Amperage	-	27.3/26.9/26.1
SF Rotation	-	CW
VFD Max SetPt	-	
VFD Min SetPt	-	
RA Damper Position	-	5"
OA Damper Position	-	
OA Damper Type	-	
Min OA Damper Position	-	1/4"
OA Enthalpy Setpt	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.64"
Fan Suction SP	-	-1.88"
Fan Discharge SP	-	1.33"
Total ESP	3.978"	1.97"
Fan Total SP	-	3.21"

General		
	Design	Actual
Unit free of Damage	-	
Unit Completely Assembled	-	
Unit Leveled	-	
Curb & Unit Installed Air Tight	-	
Controls Complete	-	
Unit Filters Clean	-	YES
Evap Coil Clean	-	
Condensor Coil Clean	-	
Condensor Fins Straight	-	
Condensate Drain Installed	-	YES

Completed By: Wesley John

Notes:HIGH FAN SPEED 54.0 Hz LOW FAN SPEED 27.0 Hz

Asset	Notes



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System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU2

AREA:DELI

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	C21H05735
Model Num	SFHFLF604H	SFHFLF604HV10C99DA001ACC
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	N/A
OA Filter Size 1	-	N/A
Num OA Filters 2	-	
OA Filter Size 2	-	
Num Final Filter 1	-	35
Final Filter Size 1	-	16X20X2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	324T
Horsepower	40	40
Motor Rpm	-	1775
Phase	3	3
Rated Voltage	460	460
Rated Amperage	-	48.2
Service Factor	-	
Efficiency	-	
Power Factor	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	3B5V64
Motor Bore Size	-	2 1/8"
Motor Sheave SetPt	-	FIXED
Fan Sheave Size	-	3B5V124
Fan Sheave Bore	-	2 3/16"
Belt CL Distance	-	32 1/2"
Num of Belts	-	3
Belt Size	-	5VX950
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM (Initial)	-	
SF CFM	25600	25820
SF RPM (Initial)	-	
SF RPM	948	794
RA CFM	21700	22034
OA CFM	3900	3786
RL Voltage	-	488/487/489
RL Amperage Initial	-	
RL Amperage	-	26.1/25.6/25.3
SF Rotation	-	CW
VFD Max SetPt	-	
VFD Min SetPt	-	
RA Damper Position	-	5"
OA Damper Position	-	
OA Damper Type	-	
Min OA Damper Position	-	1/4"
OA Enthalpy Setpt	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.76"
Fan Suction SP	-	-1.80"
Fan Discharge SP	-	1.12"
Total ESP	3.978"	1.88"
Fan Total SP	-	2.92"

General		
	Design	Actual
Unit free of Damage	-	YES
Unit Completely Assembled	-	YES
Unit Leveled	-	YES
Curb & Unit Installed Air Tight	-	YES
Controls Complete	-	YES
Unit Filters Clean	-	YES
Evap Coil Clean	-	YES
Condensor Coil Clean	-	YES
Condensor Fins Straight	-	YES
Condensate Drain Installed	-	YES

Completed By: Wesley John

Notes:HIGH FAN SPEED 52.0 Hz LOW FAN SPEED 26.0 Hz

Asset	Notes



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System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU3

AREA:

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	215110502L
Model Num	THC060E3R0A	THC060E3R0A26F0C1A1B6B
Configuration	-	VERTICAL DISCHARGE
Num OA Filters 1	-	1
OA Filter Size 1	-	15X30
Num OA Filters 2	-	
OA Filter Size 2	-	
Num Final Filter 1	-	4
Final Filter Size 1	-	16X25X2
Num Final Filter 2	-	N/A
Final Filter Size 2	-	N/A

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56
Horsepower	1	1
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	208/230	208
Rated Amperage	-	3.4
Service Factor	-	
Efficiency	-	
Power Factor	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VL34
Motor Bore Size	-	5/8"
Motor Sheave SetPt	-	3.0 TURNS OPEN
Fan Sheave Size	-	AK49
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	10 1/2"
Num of Belts	-	1
Belt Size	-	AX29
Belt Alignment	-	CORRECT

Test Data		
	Design	Actual
SF CFM (Initial)	-	
SF CFM	2000	1941
SF RPM (Initial)	-	
SF RPM	-	886
RA CFM	1945	1803
OA CFM	55	138
RL Voltage	-	207/207/208
RL Amperage Initial	-	
RL Amperage	-	2.2/2.2/2.2
SF Rotation	-	CW
VFD Max SetPt	-	
VFD Min SetPt	-	
RA Damper Position	-	OPEN
OA Damper Position	-	
OA Damper Type	-	
Min OA Damper Position	-	CLOSED
OA Enthalpy Setpt	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.43"
Fan Suction SP	-	-0.64"
Fan Discharge SP	-	0.39"
Total ESP	0.82"	0.82"
Fan Total SP	-	1.03"

General		
	Design	Actual
Unit free of Damage	-	YES
Unit Completely Assembled	-	YES
Unit Leveled	-	YES
Curb & Unit Installed Air Tight	-	YES
Controls Complete	-	YES
Unit Filters Clean	-	YES
Evap Coil Clean	-	YES
Condensor Coil Clean	-	YES
Condensor Fins Straight	-	YES
Condensate Drain Installed	-	YES

Completed By: Wesley John

Notes:

Asset	Notes

