

# National TAB

Project: 05-16 CULVERS - INDIANAPOLIS, IN (SHEAR AVE)

System/Unit: AHU/RTU



Comfort. Under control.

Asset: RTU2

AREA:

Unit Data		
	Design	Actual
MFG	LENNOX	LENNOX
Serial Num	-	5622B05253
Model Num	LGH210H4B	LGH210H4B
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	25X16
Num Final Filter 1	-	6
Final Filter Size 1	-	24X24X2
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	US MOTOR
Frame	-	184TZ
Horsepower	-	5
Motor Rpm	-	1765
Phase	3	3
Rated Voltage	208	208
Rated Amperage	-	13.8

Drive Data		
	Design	Actual
Motor Sheave Size	-	1VP50
Motor Bore Size	-	1.125"
Motor Sheave SetPt	-	0 Turns Out
Fan Sheave Size	-	BK100
Fan Sheave Bore	-	1.1875"
Belt CL Distance	-	20.75"
Num of Belts	-	1
Belt Size	-	BX61
Belt Alignment	-	GOOD

Test Data		
	Design	Actual
SF CFM	6000	5371
SF RPM	847	883
RA CFM	4000	3651
OA CFM	2000	1720
RL Voltage	-	209.6/210.7/211.1
RL Amperage	-	9.7/10.0/10.1
SF Rotation	-	CCW
RA Damper Position	-	MECHANICAL LINKAGE
Min OA Damper Position	-	47%
Min OA Damper Type	-	ECONOMIZER
OA Enthalpy Setpt	-	10ma
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.56"
Fan Suction SP	-	-0.95"
Fan Discharge SP	-	0.55"
Total ESP	0.75"	1.11"
Fan Total SP	-	1.5"

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

Completed By: Tyler Youells

Notes:

Asset	Notes