



AIR HANDLING UNIT TEST REPORT (Packaged/Unitary Direct Drive)

PROJECT Henry A Guerra Library
LOCATION San Antonio, TX

SYSTEM/UNIT AHU-3
DATE 11/01/09

UNIT DATA	
Unit Designation	AHU-3
Manufacturer	Carrier
Model Number	39L Size 25
Serial Number	

MOTOR DATA	DESIGN	ACTUAL
HP (Kw)	15	15
RPM	1750	1750
Rated Volts	208	
Rated Amps	46	
Phase	3 ph	3 ph
Operating Hz	60 Hz	60 Hz
Service Factor		1.5
Operating Volts		210
Operating Amps		44

FAN DATA	DESIGN	ACTUAL
Supply Air CFM (L/s)	10,562	9855
Outside Air CFM (L/s)	332	300
Return Air CFM (L/s)	10,230	9855
Total Outlet Air CFM (L/s)	10,575	11076
External Discharge S.P. in. (Pa)		+0.56"
External Suction S.P. in. (Pa)		-2.11"
External S.P. in. (Pa)	2.50	2.67"
Fan RPM	746	1100

OTHER DATA	DESIGN	ACTUAL
Motor Sheave OD		7-1/2"
Motor Sheave Bore		1-5/16"
Fan Sheave OD		7-5/8"
Fan Sheave Bore		1-7/16"
Sheave Center Distance		27-1/8"
Number of Belts		2
Belt Size		BX-72

REMARKS:

TEST DATE: 11/01/09

READINGS BY: John Smith