

National TAB

Project: 5.11 Tactical
Address: 2304 Sir Barton Way, Ste 130 Lexington, KY

Asset: RTU-1 (EXISTING)

Unit Data	
Manufacturer	CARRIER
Model Num	48HCDD12B2A5A0F0A0
Serial Num	3112G10409
Configuration	VERTICAL
Num OA Filters	1
OA Filter Size	36X20
Num PreFilter	4
PreFilter Size	20X20X2

Test Data		
	Design	Actual
SF CFM	4000	4028
SF RPM		973
RA CFM	3200	3208
OA CFM	800	820
RL VOLTAGE	208-230	211.6/211.4/212.2
RL AMPERAGE		6.88/6.89/7.49
OA Damper Position		1"
Brake Horsepower		2.21

Motor Data	
Motor MFG	MARATHON
Frame	56HZ
Horsepower	3.7
Motor RPM	1725
Phase	3
Rated Voltage	208-230
Rated Amperage	11.7/11.4
Service Factor	1.15

Performance Data		
	Design	Actual
Fan Suction SP		-1.16"
Fan Discharge SP		0.75"
Fan Total SP		1.91"
DX Coil PD *		0.44"
Pre Filter PD		*combined
Total ESP		1.49"

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Asset: RTU-2 (EXISTING)

Unit Data	
Manufacturer	CARRIER
Model Num	48HCDD12B2A5A0F0A0
Serial Num	3112G10408
Configuration	VERTICAL
Num OA Filters	1
OA Filter Size	36X20
Num PreFilter	4
PreFilter Size	20X20X2

Test Data		
	Design	Actual
SF CFM	4000	4048
SF RPM		974
RA CFM	3200	3216
OA CFM	800	832
RL VOLTAGE	208-230	209.2/209.4/210
RL AMPERAGE		8.18/7.27/7.24
OA Damper Position		1"
Brake Horsepower		2.38

Motor Data	
Motor MFG	MARATHON
Frame	56HZ
Horsepower	3.7
Motor RPM	1725
Phase	3
Rated Voltage	208-230
Rated Amperage	11.7/11.4
Service Factor	1.15

Performance Data		
	Design	Actual
Fan Suction SP		-1.19"
Fan Discharge SP		0.70"
Fan Total SP		1.89"
DX Coil PD *		*0.44"
Pre Filter PD		*combined
Total ESP		1.45"

