

November 2007

Back²Basics











Solution

Based on Cx-3 ATC/FPT software

Condo/Apartment Complex AHU-1

Status:
Mode:

On-Cooling Part Load	On-Cooling Full Load	Humidification
4	5	6

Device	Tag	Description	Reaction	Status	Pass/Fail	Status	Pass/Fail	Status	Pass/Fail
	ACC-1	Air cooled condenser	Off On On, staging On, energy monitored	X On X X		X On X X		Off X X X	
	SF-1	Fan	Off On On, modulating On, energy monitored	X On X X		X On X X		X On X X	
	FMS	Flow Measuring Station	No signal On, monitoring In alarm	X On, monit. X		X On, monit. X		X On, monit. X	
	GB-1	Gas burner	Off, gas valve closed On, gas valve open On, gas valve modulating On, energy monitored	Off, closed X X X		Off, closed X X X		X X On, Mod. X	
	CC-1	DX cooling coil	No flow, valve closed Air flow, valve closed Air flow, valve open	X X Air, open		X X Air, open		X Airflow X	
	H-1	Humidifier	Off On On, modulating On, energy monitored	Off X X X		Off X X X		X X On, Mod. X	
	D-1	Damper	Closed Open Modulating	Closed X X		Closed X X		X Open X	
	SH-1	Space humidistat	No signal Monitoring Alarm	X Monitoring X		X Monitoring X		X Monitoring X	
	RT	Room thermostat	No signal Monitoring Alarm	X Monitoring X		X Monitoring X		X Monitoring X	
	CWV-1	City water valve	Closed Open On, modulating On, energy monitored	Closed X X X		Closed X X X		X X On, Mod. X	