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hydro flame™ Model 2H2C Two Stage Furnace

Two Stage Furnace Digital Thermostat

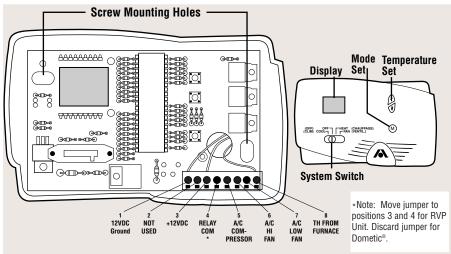
FOR TWO STAGE FURNACE

ENGLISH, FRANCAIS (et Canada)

•Installation •Operation

Effective 1/08

THIS THERMOSTAT HAS BEEN DESIGNED TO OPERATE STANDARD AIR CONDITIONING UNITS IN CONJUNCTION WITH AN EXCALIBUR 2-STAGE FURNACE.



THERMOSTAT INSTALLATION

Thermostat is very sensitive. HANDLE WITH CARE AT ALL TIMES. Locate thermostat 48" to 54" above floor on an INTERIOR wall. Pick a dry area where air circulation is good. EXTERIOR wall location must have a 3/4" spacer between thermostat and exterior wall.

LITERATURE NUMBER MPD 31493

- 1. Be sure all electrical power has been disconnected from the air conditioner, furnace and the power supply.
- Do not install the thermostat where there are unusual heating conditions: such as direct sunlight, heat producing appliances (television, radio, wall lamp, etc.) or a furnace or air conditioner supply register.
- 3. ATTACHING THE WALL THERMOSTAT. Separate the thermostat body from the sub-base by gently squeezing the top and bottom. Pull wires through access hole in base plate. Attach thermostat sub-base to the wall at the desired mounting location. Mount the sub-base to the wall before connecting the wires.

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System Slide Switch LEFT RIGHT				SCROLL ORDER OF DISPLAYED MODES					OPERATION
COOL	OFF	HEAT	FAN	Scroll	Order	of Displayed Modes			Furnace Operation
		•		AU					Furnace automatically switches between high and low BTU valve and high and low speed fan when cycling to satisfy set point.
		•			НІ				Furnace high BTU valve and high speed furnace fan cycle to satisfy set point.
		•				L0			Furnace low BTU valve and low speed furnace fan cycle to satisfy set point.
		•					HF		Furnace fan runs at high speed to circulate air. Air conditioner fan does not run.
		•						LF	Furnace fan runs at low speed to circulate air. Air conditioner fan does not run.
COOL	OFF	HEAT	FAN	Scroll Order of Displayed Modes		Modes	Air Conditioner Operation		
•				AU					Air conditioner automatically switches compressor and high and low speed fan when cycling to satisfy set point.
•					НІ				Air conditioner compressor and high speed fan operate to satisfy set point.
•						LO			Air conditioner compressor and low speed fan operate to satisfy set point.
•							HF		Air conditioner fan runs at high speed to circulate air. Furnace fan does not run.
•								LF	Air conditioner fan runs at low speed to circulate air. Furnace fan does not run.
COOL	OFF	HEAT	FAN	N Scroll Order of Displayed Modes		Modes	Fan Operation		
			•		НІ				Air conditioner fan and furnace fan run at high speed to circulate air.
			•			L0			Air conditioner fan and furnace fan run at low speed to circulate air.
COOL	OFF	HEAT	FAN	Scroll Order of Displayed Modes		Modes	Off		
	•			0F					No operation occurs.

Sp	ecifi	cati	ons

Operating Voltage 9VDC to 18VDC
Power Consumption 100mA
Operating Temperature40F to +185F

Room Temperature Range	+55F to +90F
Room Temperature Display Range	+35F to +99F
Thermostat Accuracy	+/- 1F