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MPD 38557
hydro flame™

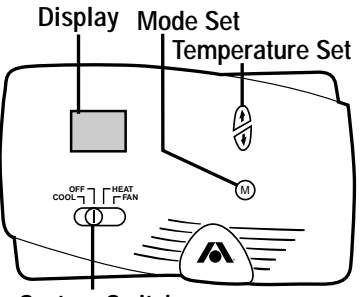
Model 1H2C
 Digital Thermostat

FOR STANDARD FURNACES
 & A/C SYSTEMS

ENGLISH, FRANCAIS (et Canada)

•Installation •Operation
 Effective 7/31/01

THIS THERMOSTAT HAS BEEN DESIGNED TO OPERATE STANDARD AIR CONDITIONING UNITS IN CONJUNCTION WITH A RV FURNACE.

 System Switch SPECIFICATIONS Operating Voltage 9VDC to 18VDC Current Consumption at 12VDC 100mA Operating Temp. -40F to +185F Room Temp. Range +55F to +90F Room Temp. Display Range +35F to +99F Thermostat Accuracy +/- 1F Switching Capability A/C.....up to 24 VAC (max. 2 AMPS)	SLIDE SWITCH		SCROLL ORDER OF DISPLAYED MODES		OPERATION
	LEFT	RIGHT			
	COOL OFF	HEAT FAN		HI	Furnace Operation Furnace cycles to satisfy set point.
	COOL OFF	HEAT FAN		HI	Air Conditioner Operation Air conditioner automatically switches between high and low compressor and high and low speed fan when cycling to satisfy set point.
				AU	Air conditioner, high compressor and high speed fan cycle to satisfy set point.
				HI	Air conditioner, high compressor and high speed fan cycle to satisfy set point.
				LO	Air conditioner low compressor and low speed fan cycle to satisfy set point.
	COOL OFF	HEAT FAN			Fan Operation
				HI	Air conditioner fan runs at high speed to circulate air.
				LO	Air conditioner fan runs at low speed to circulate air.
	COOL OFF	HEAT FAN			Off
				OF	No operation occurs.

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.

1. Be sure all electrical power has been disconnected from the air conditioner, furnace and the power supply.
2. 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, connecting wiring per requirements. Attach thermostat sub-base to the wall at desired mounting location.

WIRING REQUIREMENTS FOR ATWOOD THERMOSTAT

12 VDC ANALOG A/C SYSTEMS (RVP®)			NEGATIVE 7.5 VDC ANALOG A/C SYSTEMS (DOMETIC®)		
THERMOSTAT TERMINAL # (L-R)	WIRE FROM FURNACE FUNCTION	WIRE FROM A/C COLOR/FUNCTION	THERMOSTAT TERMINAL # (L-R)	WIRE FROM FURNACE FUNCTION	WIRE FROM A/C COLOR/FUNCTION
1	-12vdc ground		1	-12vdc ground	
2	not used	not used	2 & 4		BLACK/7.5 vdc ground
3 & 4	+12vdc		3	+12vdc	
5		YELLOW/Compressor	5		YELLOW/Compressor
6		GREEN/High Fan	6		BLUE/High Fan
7		GREY/Low Fan	7		ORANGE/Low Fan
8	Furnace Control		8	Furnace Control	

Wiring diagram for 12 VDC Analog A/C Systems (RVP). Shows connections for Furnace (terminals 1, 3, 4, 8), 12 VDC Source (terminals 3, 4), and A/C (terminals 5, 6, 7).

Wiring diagram for Negative 7.5 VDC Analog A/C Systems (Domestic). Shows connections for Furnace (terminals 1, 3, 8), 12 VDC Source (terminals 3, 4), and A/C (terminals 5, 6, 7).