



## Pro 1000 & 2000 Series Thermostats

### SUBMITTAL SHEET

Job Name	
Engineer	
Mechanical Contractor	
Contractor's P.O. No.	
Representative	
Notes	

Model(s)			
TH1100DH1004	Qty.		Notes
TH1110DH1003	Qty.		Notes
TH1110E1000	Qty.		Notes
TH1210DH1001	Qty.		Notes
TH2110DH1002	Qty.		Notes
TH2210DH1000	Qty.		Notes
<b>Approval</b>			
<b>Service Tag No.</b>			

### APPLICATION

**Model:** TH1100DH1004: 1 stage heat only

**Model:** TH1110DH1003, TH1110E1000, TH2110DH1002: 1H/1C conventional, gas, oil, or electric heat with air conditioning

- Warm air, hot water, high efficiency furnaces steam, gravity
- Heat only
- Heat only with fan
- Cool only
- 750 mV heating systems
- Heat pump without aux heat

**Model:** TH2210DH1000, TH1210DH1001: 2H/1C heat pump with aux heat

### SPECIFICATIONS

#### Terminal Designations:

Model: TH1100DH1004: R, C, and W

Model: TH1110DH1003, TH1110E1000, TH2110DH1002: R, Rc, C, W, Y, G, O, and B

Model: TH2210DH1000, TH1210DH1001: R, C, Y, G, O, B, and AUX/E

#### Electrical Ratings:

Terminal	Voltage (50/60Hz)	Running Current
Y Compressor Stage 1	20-30 Vac	0.02-1.0 A
W Stage 1 Heat	20-30 Vac	0.02-1.0 A
W Powerpile	750 mV DC	100 mA DC
G Fan	20-30 Vac	0.02-1.0 A
O Changeover Valve Cool	20-30 Vac	0.02-1.0 A
B Changeover Valve Heat	20-30 Vac	0.02-1.0 A
AUX/E Auxiliary/ Emergency Heat (TH1210 & TH2210 models only)	20 30 Vac	0.02-1.0 A

**Cool Indication:** Displays "Cool On" when the thermostat turns the cooling on

**Heat Indication:** Displays "Heat On" when the thermostat turns the heating on

**Power Method:** Battery or hardwired

#### Switch Settings:

TH1100DH1004: System (Heat, Off)

TH1110DH1003, TH1110E1000, TH2110DH1002: System (Heat, Off, Cool), Fan (Auto, On)

TH2210DH1000, TH1210DH1001: System (Heat, Off, Cool, Em Heat), Fan (Auto, On)

**Early Start:** (TH2110DH1002 TH2210DH1000 only) Early start allows the heating or cooling to turn on before the program start time, so the temperature is reached at the time you set

**Compressor Protection:** Forces the compressor to wait a few minutes before restarting, to prevent damage. During the wait time, the message "Cool On" or "Heat On" (heat pumps only) will flash on the display

**Warranty:** 2 years

#### Temperature Setting Ranges:

Cool: 50° to 99°F (10° to 37°C)

Heat: 40° to 90°F (4.5° to 32°C)\*

\*TH1100DH heat can be set to 35°F to 90°F (1.5°C to 32°C)

**Operating Ambient Temperature:** 32° to 120°F (0° to 48.9°C)

**Shipping Temperature:** 20° to 120°F ( 28.9° to 48.9°C)

**Operating Relative Humidity:** 5% to 90% (non condensing)

#### Physical Dimensions:

3-7/16" H x 4-10/16" W x 1-3/16" D  
(87mm H x 119mm W x 30mm D)

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