

Hydronic Controllers

W7100J Discharge Water Temperature Controller



A proportional plus derivative (P+D) discharge water temperature control for multistage electric boilers or multiple gas or oil-fired packaged hot water boilers. Provides up to six (6) stages of ON/OFF heating and with W7108B satellite sequencer adds up to four (4) additional ON/OFF heating stages

- Maintain average discharge water temperature for multiple boiler and staged electric boiler applications by staging on and off boilers.
- Provide up to six stages of heating.
- Use C7170 for sensing of water temperature.
- Staged lead/lag function equalizes stage run time, may be disabled for electric boilers.
- Use soft start to minimize boiler rapid cycling during system startup.
- Provides minimum on and off stage timings.
- Uses reset signal from C7031G outdoor air thermostat sensor.
- Provides remote set point capability with use of S963B.

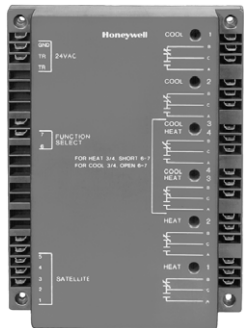
Dimensions, Approximate: 8 5/8 in. high, 6 1/2 in. wide, 3 in. deep
(219 mm high, 165 mm wide, 76 mm deep)
Actuator Motor Speed: Frequency: 60 Hz

Accessories:

- S963B1037** Manual Potentiometer (480 ohm)
- S963B1078** Manual Potentiometer (500 ohm)
- S963B1128** Manual Potentiometer (135 ohm)

Product Number	Timing	Electrical Ratings			Description
		Output	Power Consumption Driving	Supply Voltage	
W7100J1004	2 Minutes	240 Vac/120 Vac/24 Vac	12 VA	20 Vac to 30 Vac	Discharge Water Control

W7101A Satellite Sequencer



Provides up to 6 additional stages of heating/cooling control for W7100 Discharge air controller applications

- Extends capacity of W7100 Discharge Air system.
- Advanced microprocessor control algorithm minimizes droop.
- For system with or without economizer.
- Jumper selectable between 4 cool/2 heat or 2 cool/4 heat stages.
- LED's indicate operation of each output stage relay.

Dimensions, Approximate: (6-1/2" x 8-1/2" x 2-1/4" high)

Actuator Motor Speed: Frequency: 60 Hz

Product Number	Electrical Ratings	
	Supply Voltage	Used With
W7101A1003	20 Vac to 30 Vac	W7100

W7101B Discharge Air Controller Satellite Panel

Product Number	Description	Used With
W7101B1001	Discharge Air Controller Satellite Panel when interfaced with the W7100J, provides additional stages of heat	W7100J