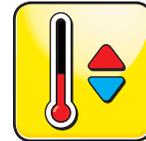


tekmar® Submittal

DHW Control 257



Setpoint

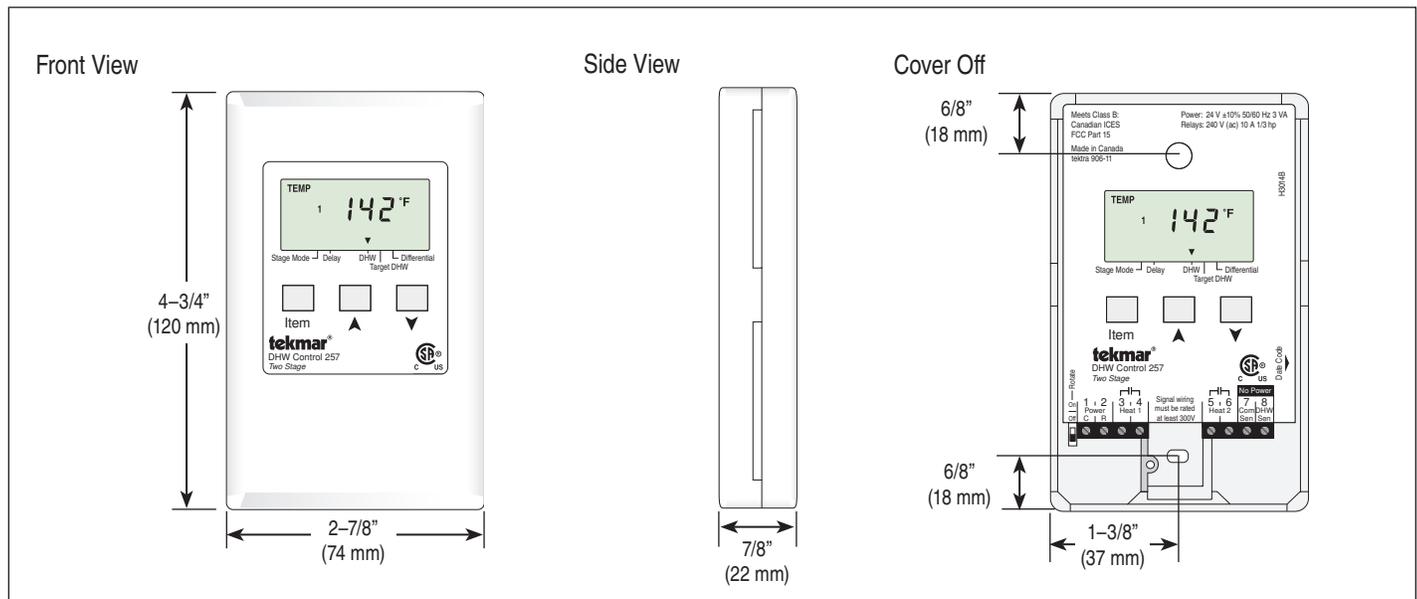
C 257

01/11

Replaces: New

Job _____ Designer _____ Contact _____

The DHW Control 257 is designed to operate multiple boilers for volume water heating. It can be used in hotels, apartments, and laundromats to control multiple boilers and provide quick recovery for domestic hot water. This control regulates a single hot water temperature through DHW control. It is capable of controlling up to 2 on/off boilers using a sensor to maintain a tank setpoint temperature.



Specifications

DHW Control 257 Two Stage	
Literature	D257, A257, D001, D070
Control	Microprocessor control. This is not a safety (limit) control
Packaged weight	0.8 lb. (360 g)
Dimensions	4-3/4" H x 2-7/8" W x 7/8" D (120 x 74 x 22 mm)
Enclosure	White PVC plastic, NEMA 1 rated
Approvals	CSA C US, meets class B: ICES & FCC Part 15
Ambient conditions	Indoor use only, -20 to 120°F (-30 to 50°C), RH ≤90% Non-condensing
Power supply	24 V (ac) ±10%, 50/60 Hz, 3 VA
Relay	240 V (ac) 10 A max, 1/3 hp
Sensors	NTC thermistor, 10 kΩ @ 77°F (25°C ±0.2°C) β=3892
-Included	Universal Sensor 082
-Optional	tekmar type #: 078
Warranty	Limited 3 Year (See D257 for full warranty)

Features

- Boiler Rotation
- Cumulative boiler run time hours
- Proportional or PID staging
- 2 Stage control

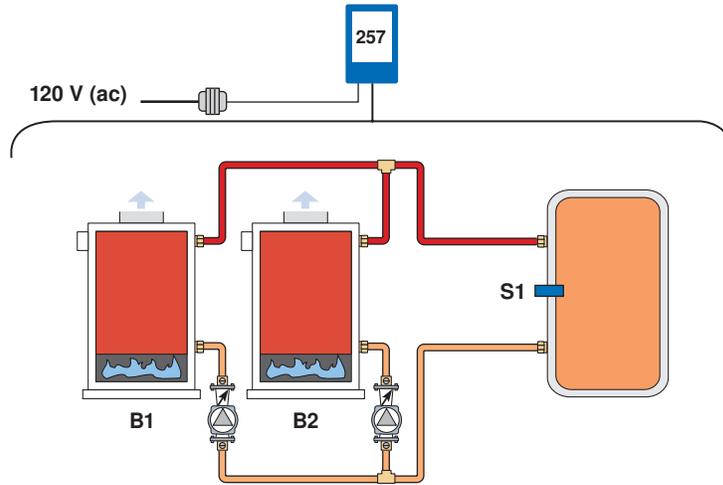
SPECIAL REQUIREMENTS

N / A

Sample Application Drawing

Below is a sample application drawing for this product. This application may include other tekmar products that are required for installation. More sample applications can be found at www.tekmarcontrols.com.

Sample Mechanical diagram



Sample Electrical diagram

Legend:

- S1 = Storage tank sensor**
- B1 = Boiler 1**
- B2 = Boiler 2**

