

tekmar[®] Submittal

Thermostat 507



Zoning

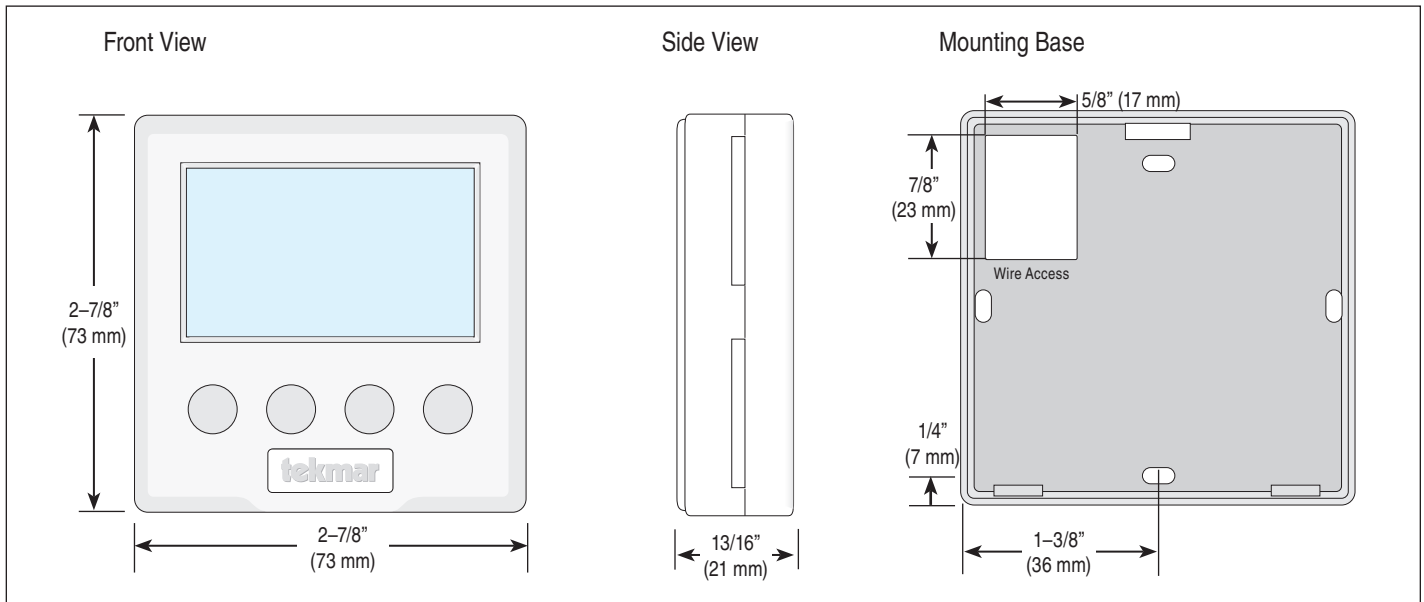
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Replaces: New

Job _____ Designer _____ Contact _____

The Thermostat 507 is a micro-processor based control designed to operate mechanical equipment to deliver heat to a single zone within a hydronic heating system. It can be used with any terminal unit type, including radiant floor, baseboard, and fan coils. This product maintains very accurate and even air temperature with Pulse Width Modulation and Auto Cycling. It is capable of controlling a zone valve or zone pump directly or through a tekmarNet[®] 4 Wiring Center or Zone Manager.



Specifications

Thermostat 507 One Stage Heat	
Literature	D507, U507
Control	Microprocessor control. This is not a safety (limit) control
Packaged weight	0.46 lb. (210 g)
Dimensions	2-7/8" H x 2-7/8" W x 13/16" D (73 x 73 x 21 mm)
Enclosure	White PVC plastic, NEMA type 1
Approvals	CSA C US, meets class B: ICES & FCC Part 15
Ambient conditions	Indoor use only, -22 to 131°F (-30 to 55°C), RH ≤90% Non-condensing
Power supply	24 V (ac) ±10%, 50/60 Hz, 1.6 VA
Relay	24 V (ac) 2 A
Warranty	Limited 3 Year (See D507 for full warranty)

Features

- Auto Heating Cycle
- Pulse Width Modulation
- CSA C US Approved for use in USA and Canada
- Freeze Protection

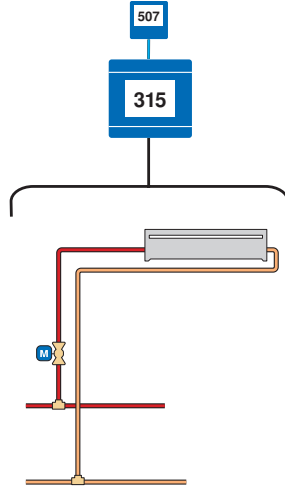
SPECIAL REQUIREMENTS

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

