

tekmar® Submittal

tekmarNet® 4 Zone Manager 336



Zoning

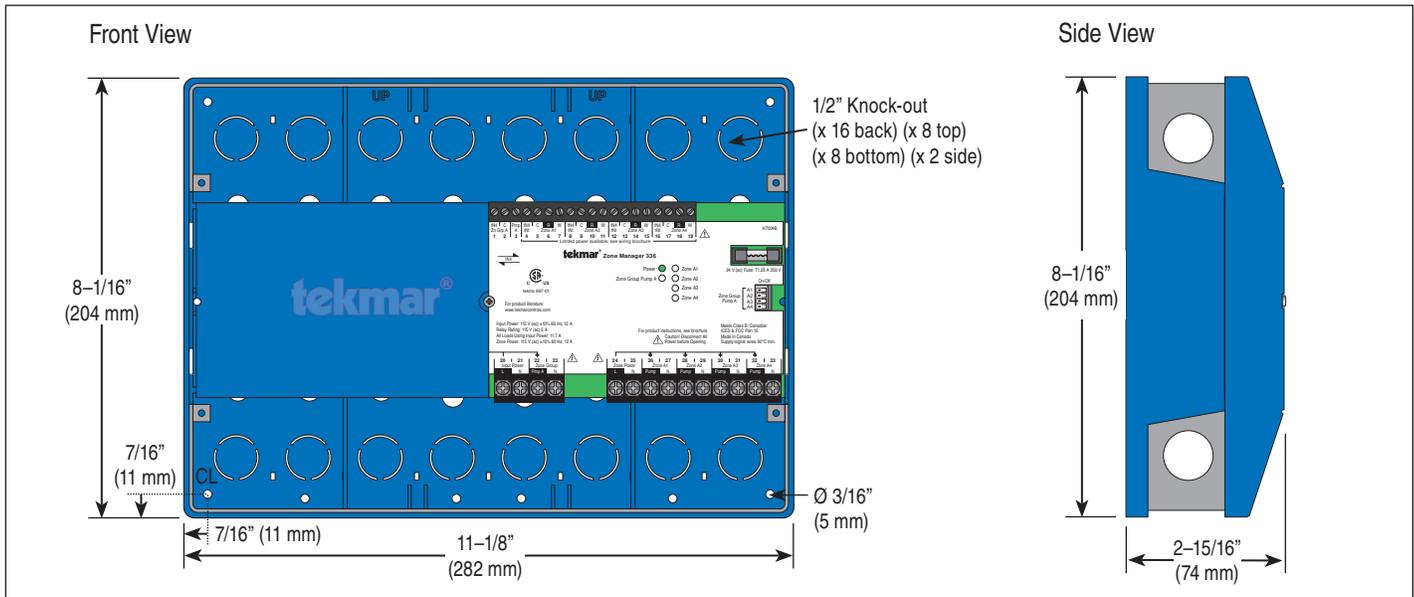
C336

01/11

Replaces: New

Job _____ Designer _____ Contact _____

The tekmarNet® 4 Zone Manager 336 is designed to provide a zoning solution for heating systems. It can be used in applications ranging from baseboard zones, to radiant heating zones. This product energizes up to 4 zone pumps. It is capable of providing power for up to 4 tekmarNet® 4 or stand alone thermostats and energizing their respective 115 V (ac) zones, as well as providing a Zone Group Pump (powered end switch) contact to enable an external device such as a primary secondary loop pump.



Specifications

tN4 Zone Manager 336 Four Zone Pumps	
Literature	D336, W336, J336
Control	Microprocessor control. This is not a safety (limit) control
Packaged weight	4.9 lb. (2220 g)
Dimensions	8-1/16" H x 11-1/8" W x 2-15/16" D (204 x 282 x 74 mm)
Enclosure	Blue PC+ABS plastic with metal top and bottom conduit connection walls, NEMA type 1
Approvals	CSA C US, meets Class B: ICES & FCC Part 15
Ambient conditions	Indoor use only, 32 to 122°F (0 to 50°C), RH ≤80% to 88°F (31°C), down to 50% above 104°F (40°C), Altitude <6560 ft. (2000 m), Installation Category II, Pollution Degree 2
Power supply	115 V (ac) +/- 10%, 60 Hz, 12 A max
Transformer power available	24 V (ac) 24 VA, fuse T1.25 A 250 V
Zone group pump A relay	115 V (ac) 5 A
Zone pump relays	115 V (ac) 5 A max
Combined load on input power	11.7 A max
Combined load on zone power	12 A max
Group pump A demand	24 V (ac) < 0.1 VA
Warranty	Limited 3 Year (See D336 for full warranty)

Features

- tekmarNet® 4 compatible
- Internal 50 VA transformer
- Four 120 V powered zone pump outputs
- One 120 V powered zone group pump output
- Simple wiring
- CSA C US Certified for use in USA and Canada
- Provides power to tekmarNet® 4 reset module

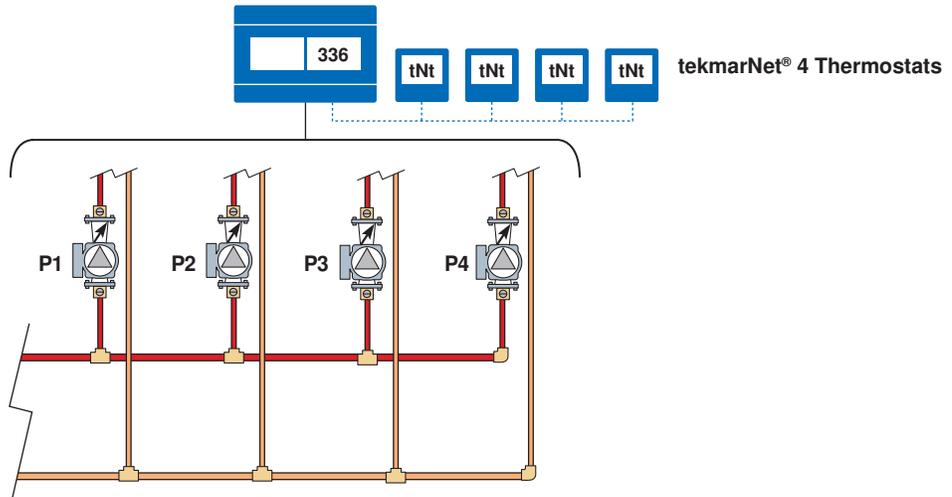
SPECIAL REQUIREMENTS

Designed for use with tekmarNet® 4 Thermostats

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.

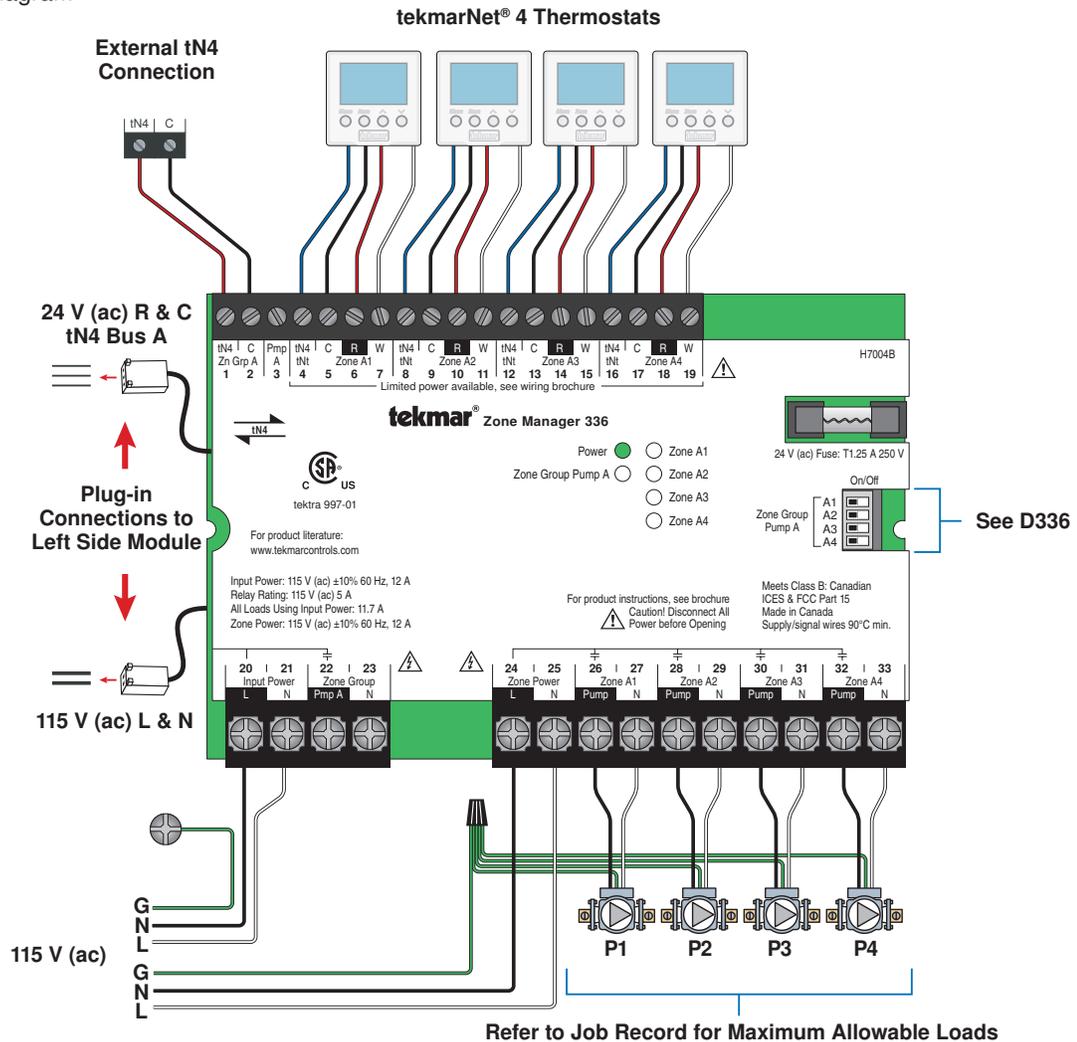
Sample Mechanical diagram



Sample Electrical diagram

Legend

- P1 = Zone Pump 1
- P2 = Zone Pump 2
- P3 = Zone Pump 3
- P4 = Zone Pump 4



tekmar Control Systems Ltd., Canada, tekmar Control Systems, Inc., U.S.A. Head Office: 5100 Silver Star Road, Vernon, B.C. Canada V1B 3K4, 250-545-7749, Fax. 250-545-0650 Web Site: www.tekmarcontrols.com

