

proPANEL® Series Pumping and Mixing Panels

Submittal Information

Revision B: Oct. 24, 2008

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Back plate:	20-gauge Galvanized Steel
Cover:	22-gauge Powder-coated Steel
Piping:	Welded TP304L Stainless Steel
Ambient Conditions:	Indoor use only, 32°F (0°C) to 122°F (50°C)
Demand:	20 to 260 VAC, 2 VA
Control Interface:	24 VAC at 4 Amps (Power) Class 2 (Maximum Rating) Dry Demand Input Dry 24V, 2A – fused (Output) Sensor NTC 10kΩ at 77°F (25°C) Climate Cönnrol™ - Network and Multifunction Compatible
Secondary Loop (radiant) Circulator:	120 VAC ± 10%, 50/60 Hz 1/25 hp
Maximum Operating Pressure:	125 psi
Maximum Operating Temperature:	180°F (82°C)

Product Information and Application Use

The Uponor proPANEL® 90/90Z/90M/90MZ Pumping and Mixing Panels are pre-wired to the control interface and pump relay with a Cat5 cable. The panels are prepared to connect to the Multifunction and Network Climate Cönnrol™ hydronic controllers. The proPANEL 90 mixing panel offers a simple pumping station, used for radiant heating or as a high-temperature loop. The proPANEL 90Z mixing panel offers a pumping station with zoning capability (two zones). The proPANEL 90M mixing panel offers a one-temperature mixing and pumping station using a three-way motorized mixing valve (0-10V). The proPANEL 90MZ unit offers a one-temperature mixing and pumping station with zoning capacity (two zones).



✓ Description	Part Number	Height	Width	Depth	Weight
proPANEL 90	A3509000	26"	18"	7"	26 lbs.
proPANEL 90Z	A3509002	26"	18"	7"	32 lbs.
proPANEL 90M	A3509500	26"	18"	7"	30 lbs.
proPANEL 90MZ	A3509502	26"	18"	7"	37 lbs.

Installation

Refer to the Uponor proPANEL® Series Installation Guide for additional information.

Codes

Must comply to local codes

Listings

cETLus , CSA 22.2 no 14, UL no 508,

Related Applications

Radiant Heating and Cooling Systems

Contact Information

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