D'MAND® Model 100

Submittal Information
Revision A: April 29, 2009

Project Information

Job Name:

Location: | Part No. Ordered:

Engineer: | Date Submitted:

Contractor: | Submitted By:

Manufacturer's Representative: | Approved By:

Technical Data

Horse Power:	$^{1}/_{25}$ hp @ 3,250 rpm
Amps:	0.84 impedence protected
Hz:	60
Volts:	115
Maximum Pressure:	125 psi
Performance:	14 gpm; 16 ft. total head
Maximum Water Temperature:	140°F (60°C)
Connections:	½" Male NPT

Product Information and Application Use

The D'MAND® Hot Water Delivery System is an integral part of the Uponor plumbing layout, designed to maximize energy and water-savings, minimize connections, and reduce hot water delivery times.[1] The D'MAND Model 100 supports plumbing systems with the farthest fixture less than 100 feet from the pump location. The D'MAND system requires either an Activation Button (Q6700101) or Motion Sensor (Q6700102) to activate the system.

✓	Description	Part Number	Length	Width	Height	Weight
☐	D'MAND Model 100	Q6700070	6.5"	8.5"	5.0"	8.85 lbs.

Installation

The D'MAND System requires a dedicated return line, connected only through those manifolds supplying fixtures supported by the D'MAND System and then routed back to the water heater. The D'MAND pump is located on the return line at the water heater. A tee fitting on the cold line into the water heater connects the return line from the D'MAND System. Mount the D'MAND pump on the wall stud, or securely affix to another supporting structure near the water heater. The D'MAND pump has an integral temperature sensor that senses a rise in the recirculation line's water temperature. Once the temperature sensor reaches a preset temperature rise, it will de-activate the pump. The D'MAND pump requires an electrical connection. The pump is equipped with a 6-ft. ground plug (110 V). Refer to the Uponor D'MAND Hot Water Delivery System Installation Guide for additional information.

Standards

N/A

Codes

N/A

Listings

cULus; CSA

Related Applications

PEX-a Plumbing Systems

Contact Information

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[1] D'MAND® is a registered trademark of Advanced Conservation Technology, Inc.