

Lead-free (LF) D'MAND® Model 100

Submittal Information

Revision A: Jan. 28, 2010

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Horse Power:	$\frac{1}{25}$ hp @ 3,250 rpm
Amps:	0.84 impedance protected
Hz:	60
Volts:	115
Maximum Pressure:	125 psi
Performance:	14 gpm; 16 ft. total head
Maximum Water Temperature:	140°F (60°C)
Connections:	$\frac{1}{2}$ " Male NPT
Material Additions:	Stainless steel

Product Information and Application Use

The Lead-free 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 to 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
LF D'MAND Model 100	LF6700070	6.5"	8.5"	5.0"	8.85 lbs.

Installation

The Lead-free 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 water temperature of the recirculation line. 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; U.P. Code, Annex G

Related Applications

PEX-a Plumbing Systems

Contact Information

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