



Lochinvar®

**MHP0270R-1350R
MODULAR WATER SOURCE
HEAT PUMP WATER HEATER**

Submittal Sheet

MHPR-Sub-03

MHP MODULAR WATER SOURCE HEAT PUMP WATER HEATER

Customer Name: _____

Contact Name: _____ Phone: _____

Job Location: _____

Model No. _____ Unit Qty. _____

☐ Indoor ☐ Outdoor Ducts Req'd? ☐ Y ☐ N

TANK Size (gals.) _____ Temp. Probes (qty.) _____ Harness Length (ft.) _____

Engineer: _____

Voltage to Facility: _____

Agent/Wholesaler: _____

Equipment Tag(s): _____

Contractor: _____

NOTES:

Note: For R513A units produced after 09/30/24

Standard Features

- › Low GWP Refrigerant
- › R513A Refrigerant
- › Integrated Circulator pump
- › Double wall DHW heat exchanger, direct pipe ready
- › Build America Buy America compliant
- › Monoblock Design for Easy Installation
- › Modular - Single Point Power with zero side clearance required
- › 175°F - Maximum service water temperature
- › Controllable with external controls, BMS, or included tank sensors
- › 1 year Limited Warranty

Base Model Options:

- ☐ 208-230V/3PH/60Hz (Excludes MHP1350) or
- ☐ 440-480V/3PH/60Hz or
- ☐ 575V/3PH/60Hz
- ☐ Single Pass or ☐ Multi-Pass (single or multi-pass must be chosen)

For Models MHP540R & Larger

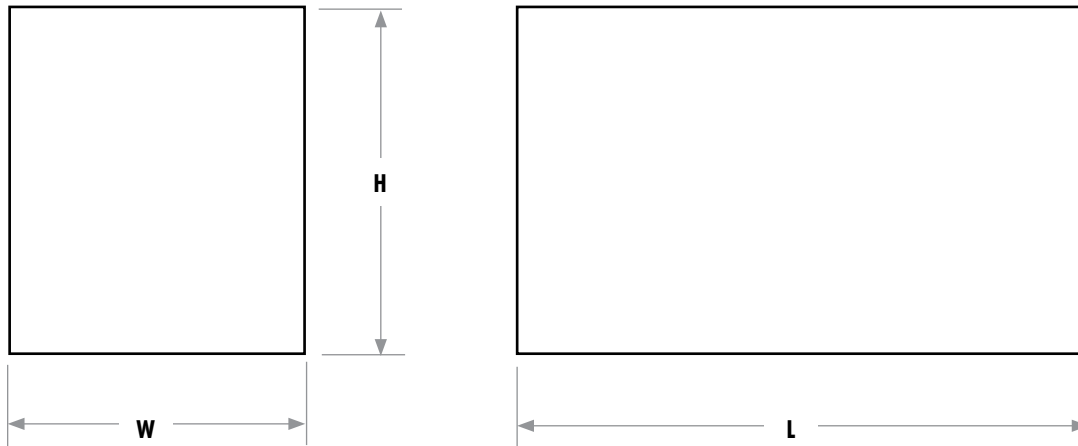
- ☐ Control Panel Mounting Left or ☐ Control Panel Mounting Right
- ☐ On-board Controller (MPCP) or ☐ Externally Controlled (PDC)

Available Options

- ☐ Master Control Panel - Staging Control for Multiple Heat Pumps/Tanks, can take a BMS Gateway (for MHP270R)
- ☐ BMS to Gateway: Single heat pump communication gateway to building management system (for MHP270R)
- ☐ BMS Gateway for MPCP: Total heat pump gateway for BMS communication - only 1 needed (for MHP540R & Larger)
- ☐ Large Array External Control: Remote mounted staging controller for up to 50 Single-Pass HP, includes BMS (for MHP540R & Larger)
- ☐ 5-Year Extended Compressor Warranty
- ☐ International Crating



Modular Water Source Heat Pump Water Heater DIMENSIONS AND SPECIFICATIONS



Model	Heating Cap.*	R513A lbs. Factory Charged	Single Pass Connections	Multi-Pass Connections	Length	Width	Height
MHP0270R	278,800	38.5	2"	2"	32-1/2"	39"	66-1/4"
MHP0540R	557,600	77	2"	2"	77-3/4"	39"	74-1/4"
MHP0810R	836,400	115.5	2"	2"	110-1/8"	39-1/4"	74-1/4"
MHP1080R	1,115,200	154	2"	2"	142-1/2"	39-1/4"	74-1/4"
MHP1350R	1,237,000	192.5	2"	2"	174-3/4"	39-1/4"	74-1/4"

*Nominal DOE Capacity. Additional performance data included in specifications.

ELECTRICAL DATA

Model	208V-230V/3PH/60HZ			440V-480V/3PH/60HZ			575V/3PH/60HZ		
	RLA	MCA	MOC	RLA	MCA	MOC	RLA	MCA	MOC
MHP0270R	88	108	175	45	55	100	30	38	60
MHP0540R	176	196	275	89	99	125	61	68	90
MHP0810R	263	283	350	133	143	175	91	98	125
MHP1080R	350	370	450	177	187	225	121	128	150
MHP1350R	N/A	N/A	N/A	221	232	250	151	158	175

** Based on configuration

Heat Pump Water Heaters cannot be returned to the factory or modified in the field. This document is to clearly define the product order and serve as an agreement of what will be provided for the job described herein. Please review all options for accuracy. These signatures indicate Lochinvar is not responsible for any deviations from the specified equipment.

Equipment Owner (Please Print)

Sales Representative (Please Print)

Signature

Date

Signature

Date



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