



MODULAR WATER SOURCE HEAT PUMP PRODUCT SUMMARY

	MHP0270R	MHP0540R	MHP0810R	MHP1080R	MHP1350R
PERFORMANCE*					
BTUH HEATING	253,600	507,300	760,900	1,014,600	1,268,200
BTUH COOLING	178,536	357,172	535,708	714,344	921,029
COP HEATING	3.4	3.4	3.4	3.4	3.7
COP COOLING	2.4	2.4	2.4	2.4	2.7
COP COMBINED	5.8	5.8	5.8	5.8	6.3
LBS.R513A	38.5	77	116	154	193
COMPRESSOR TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
WATER MULTI PASS					
WATER CONNECTION LOCATION	TOP	TOP	TOP	TOP	TOP
SOURCE WATER INLET CONNECTION	2"	2" x 4	2" x 6	2" x 8	2" x 10
SOURCE WATER OUTLET CONNECTION	2"	2" x 4	2" x 6	2" x 8	2" x 10
SOURCE WATER FLOW RATE (GPM)	48	96	144	192	240
HEATED WATER INLET CONNECTION	2"	2" x 4	2" x 6	2" x 8	2" x 10
HEATED WATER OUTLET CONNECTION	2"	2" x 4	2" x 6	2" x 8	2" x 10
HEATED WATER FLOW RATE (GPM)	36	72	108	144	180
WATER SINGLE PASS					
WATER CONNECTION LOCATION	TOP	TOP	TOP	TOP	TOP
SOURCE WATER INLET CONNECTION	2"	2" x 4	2" x 6	2" x 8	2" x 10
SOURCE WATER OUTLET CONNECTION	2"	2" x 4	2" x 6	2" x 8	2" x 10
SOURCE WATER FLOW RATE (GPM)	48	96	144	192	240
HEATED WATER INLET CONNECTION	2"	2" x 4	2" x 6	2" x 8	2" x 10
HEATED WATER OUTLET CONNECTION	2"	2" x 4	2" x 6	2" x 8	2" x 10
HEATED WATER FLOW RATE (GPM)	22	44	66	88	110
ELECTRICAL					
208V-230V/3PH/60HZ					
RLA	88	176	263	350	N/A
MCA	108	196	283	370	N/A
MOCP	175	275	350	450	N/A
440V-480V/3PH/60HZ					
RLA	45	89	133	177	221
MCA	55	99	143	187	232
MOCP	100	125	175	225	250
575V/3PH/60HZ					
RLA	30	61	91	121	151
MCA	38	68	98	128	158
MOCP	60	90	125	150	175
DIMENSIONS					
HEIGHT	66-1/4"	74-1/4"	74-1/4"	74-1/4"	74-1/4"
WIDTH	39"	39"	39-1/4"	39-1/4"	39-1/4"
LENGTH	32-1/2"	77-3/4"	110-1/8"	142-1/2"	174-3/4"
SHIPPING WEIGHT (LBS)	1,074	2,342	3,440	4,542	5,650
OPERATING WEIGHT (LBS)	1,113	2,421	3,559	4,700	5,848
SERVICE CLEARANCES (RECOMMENDED)					
FRONT (ELECTRICAL)	36"	36"	36"	36"	36"
REAR (REFRIGERATION)	24"	24"	24"	24"	24"
LEFT	0"	0"	0"	0"	0"
RIGHT	0"	36"	36"	36"	36"
SOUND PRESSURE (Db)**	Front 72.1 dB, Left 71.9 dB, Right 70.9 dB, Rear 73.6 dB	TBD	TBD	TBD	TBD

* Recovery Rate at 80° F source 100% water, DWH 50 EWT 140 LWT

** Sound pressure recorded 3' from unit face, 3' from ground.

SCCR: 100 all models

LEGEND

COP: Coefficient of Performance
SCCR: Short-Circuit Current Rating
RLA: Rated Load Amps
MCA: Maximum Current Ampacity
MOCP: Minimum Overcurrent Protection

Lochinvar, LLC • 300 Maddox Simpson Pkwy • Lebanon, TN 37090 • 615-889-8900 / Fax: 615-547-1000

www.Lochinvar.com