

WATER SOURCE HEAT PUMP

PRODUCT SUMMARY

	WHP125R	WHP185R SINGLE MULTI PASS PASS
PERFORMANCE*		
BTUH HEATING	129,000	194,800
BTUH COOLING	93,515	137,820
COP HEATING	3.60	3.40
COP COOLING	2.60	2.40
COP COMBINED	6.30	5.80
LBS.R513A	14	23
COMPRESSOR TYPE	SCROLL	SCROLL
WATER - MULTIPASS		
SOURCE WATER INLET CONNECTION	1-1/2"	2"
SOURCE WATER OUTLET CONNECTION	1-1/2"	2"
SOURCE WATER FLOW RATE (GPM)	23	33
HEATED WATER INLET CONNECTION	1-1/2"	2"
HEATED WATER OUTLET CONNECTION	1-1/2"	2"
HEATED WATER FLOW RATE (GPM)	20	30
WATER - SINGLE PASS		
SOURCE WATER INLET CONNECTION	1-1/2"	2"
SOURCE WATER OUTLET CONNECTION	1-1/2"	2"
SOURCE WATER FLOW RATE (GPM)	23	33
HEATED WATER INLET CONNECTION	1-1/2"	2"
HEATED WATER OUTLET CONNECTION	1-1/2"	2"
HEATED WATER FLOW RATE (GPM)	12	18.0
ELECTRICAL		
208V-230/3PH/60HZ		
RLA	52	70 74
MCA	64	8 91
MOCP	110	150 160
440V-480V/3PH/60HZ		
RLA	25	33 34
MCA	30	40 42
MOCP	50	70 70
DIMENSIONS		
HEIGHT	40"	40"
WIDTH	31"	31"
LENGTH	52"	52"
SHIPPING WEIGHT (LBS)	649	938
OPERATING WEIGHT (LBS)	667	970
SERVICE CLEARANCES (REQUIRED)		
FRONT	36"	36"
REAR	24"	24"
RIGHT SIDE	0"	0"
LEFT SIDE (WATER CONNECTIONS)	24"	24"
	Front: 63.9 dB, Left: 66.8	Front: 67.0 dB, Left: 68.1
COUND PRESCUE (45)**	dB, Right: 65.9 dB, Rear:	dB, Right: 69.3 dB, Rear:
SOUND PRESSURE (dB)**	65.7 dB	71.1 dB

^{*}Recovery rate at 80°F source 100% water, DHW 50° EWT, 140°F LWT

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

^{**}Sound Pressure recorded 3' from unit face, 3' from ground