

AIR SOURCE HEAT PUMP PRODUCT SUMMARY

(AHP) 60,000 - 350,000 BTU/HR

	AHP060	AHP140	AHP200	AHP280	AHP350
PERFORMANCE					
MAXIMUM OUTPUT (BTU/Hr)*	66,688	136,381	203,069	272,762	339,450
COP*	4.61	4.27	4.38	4.27	4.34
LBS.R513A	11.5	15	27	30	42
AIR VOLUME (CFM)*+	2,335	5,102	7,437	10,205	12,539
COMPRESSOR TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
WATER					
HEATED WATER FLANGE CONNECTION	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
HEATED WATER MANIFOLD CONNECTION	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"
ELECTRICAL					
440V-480V/3PH/60HZ					
SCCR	100 kA	100 kA	100 kA	100 kA	100 kA
FLA (Unit)	16.9	31.9	48.8	63.8	80.7
RLA (Compressor)	13.0	28.0	41.0	56.0	69.0
FLA (Fan and Pump)	3.9	3.9	7.8	7.8	11.7
MCA	20.2	38.9	59.1	77.8	97.8
MOCP	35	70	100	150	175
OPT. TRANSFORMER 208V/3PH/60HZ					
SCCR	100 kA	100 kA	100 kA	100 kA	100 kA
FLA (Unit)	39.0	73.6	112.6	147.2	186.2
RLA (Compressor)	30.0	64.6	94.6	129.2	159.2
FLA (Fan and Pump)	9.0	9.0	18.0	18.0	27.0
MCA	46.5	89.8	136.3	179.5	226.0
MOCP	80	175	250	325	400
DIMENSIONS (Product)					
HEIGHT	71-3/4"	71-3/4"	71-3/4"	71-3/4"	71-3/4"
WIDTH	30-5/8"	41-5/8"	72-1/4"	83-1/4"	113-7/8"
DEPTH	38-1/2"	38-1/2"	38-1/2"	38-1/2"	38-1/2"
OPERATING WEIGHT (LBS)	743	913	1,638	1,809	2,533
DIMENSIONS (Shipping)					
HEIGHT	87-1/4"	87-1/4"	87-1/4"	87-1/4"	87-1/4"
WIDTH	43"	54"	97"	108"	151"
DEPTH	54"	54"	54"	54"	54"
SHIPPING WEIGHT (LBS)	1,155	1,370	2,505	2,721	3,854
SERVICE CLEARANCES (RECOMMENDED)					
FRONT	36"	36"	36"	36"	36"
REAR	36"	36"	36"	36"	36"
RIGHT SIDE	0"	0"	0"	0"	0"
LEFT SIDE	0"	0"	0"	0"	0"
FAN SOUND STANDARD RATING (dBA)**					
AMBIENT OF 80° F	58	64	65	67	68
AMBIENT OF 23° F	70	72	74	75	76

*DOE test standard, 80° F ambient with 63% humidity, inlet water temperature at 70° F; outlet water temperature at 120° F.

** Average of sound measured 3' from ground; 10' all sides including top

+ For additional CFM requirements, reference sizing guides.

LEGEND

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

NOTES:

- All models listed requires a system control panel (priced & packaged separately)
- Models AHP200-350:
 - multiple modules (packaged separately)