



# SPECIFICATION DATA SHEET

## FLORIDA HEAT PUMP HIGH-EFFICIENCY WATER SOURCE HEAT PUMPS

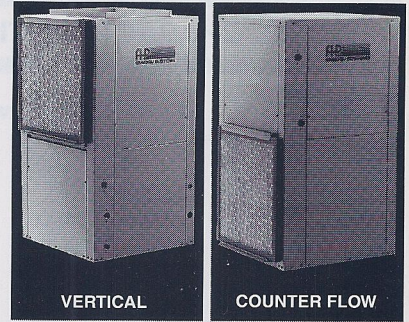
# SL065

## SUPER LO-TEMP

### ELECTRICAL SPECIFICATIONS

Electrical Characteristics	Elec. Sym.	COMPRESSOR		BLOWER		Min. Circuit Ampacity	Fuse (T/D) HACR Cir. Bkr.
		RLA	LRA	NPA	H.P.		
208/230-1-60	-1	28.2	135.0	5.5	3/4	40.8	60
208/230-3-60	-3	16.7	150.0	5.5	3/4	26.4	40
460-3-60	-4	9.7	73.0	2.8	3/4	14.9	20
575-3-60	-5	6.5	62.0	2.6	3/4	10.8	15

Units are complete packages containing all refrigeration components: compressor, reversing valve, expansion valve metering device and water-to-refrigerant condenser. Also included are safety controls: Overload protection for motors, high and low refrigerant pressure switches and a lock-out impedance relay. The units are finished in a beige color.



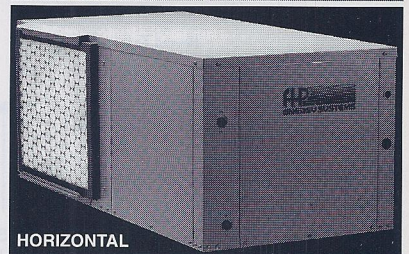
### MECHANICAL SPECIFICATIONS

EVAPORATOR				BLOWER SIZE	WEIGHT	
SQUARE FEET	ROWS DEEP	TUBE SIZE	FPI		NET	SHIP
4.5	3	3/8	14	11 x 9	336	355



### ARI/CSA PERFORMANCE DATA

COOLING (ARI 325 CERTIFIED)					HEATING (ARI 325 CERTIFIED)					ARI 330/CSA-C446 CERTIFIED							
HIGH TEMP		LOW TEMP			GPM	HIGH TEMP		LOW TEMP			GPM	COOLING			HEATING		
BTUH	EER	BTUH	EER	BTUH		COP	BTUH	COP	BTUH	EER		GPM	BTUH	EER	GPM		
65,000	11.7	66,000	14.3	10.0	78,000	3.7	62,000	3.2	10.0	63,500	11.8	15.0	50,000	3.1	15.0		



### CAPACITY DATA: All performance at 2000 CFM (ARI Rated CFM)

EWT °F	GPM	COOLING										HEATING				
		Ent. Air W.B., °F	Total Btuh	Watts Input	Heat Rej. Btuh	Sensible Btuh, at ent. air dry bulb, °F			EER	WPD Ft. Hd.	Ent. Air D.B., °F	Htg. Btuh	Heat of Absorb. Btuh	Watts Input	COP	
						75	80	85								
45	10.0	63	63.4	3726	76.1	47.6	59.9	-	17.0	3.8	60	59.9	44.5	4533	3.9	
		67	67.3	3760	80.2	40.2	52.5	65.8	17.9		70	58.2	41.9	4771	3.6	
		71	71.6	3792	84.6	21.4	41.6	54.9	18.9		80	56.7	39.7	4984	3.3	
	12.5	63	66.0	3615	78.3	48.5	61.0	-	18.2	6.1	60	61.0	45.3	4589	3.9	
		67	70.0	3647	82.5	41.0	53.5	67.1	19.2		70	59.2	42.7	4830	3.6	
		71	74.5	3678	87.1	21.8	42.4	56.0	20.3		80	57.7	40.5	5046	3.4	
	15.0	63	68.5	3503	80.5	49.4	62.2	-	19.6	8.8	60	61.9	46.0	4636	3.9	
		67	72.8	3534	84.8	41.8	54.6	68.4	20.6		70	60.1	43.4	4880	3.6	
		71	77.4	3564	89.6	22.2	43.2	57.1	21.7		80	58.6	41.2	5096	3.4	
50	10.0	63	62.2	3939	75.6	46.6	58.7	-	15.8	3.8	60	63.9	47.8	4715	4.0	
		67	66.0	3975	79.6	39.4	51.5	64.6	16.6		70	62.0	45.1	4963	3.7	
		71	70.2	4008	83.9	20.9	40.8	53.9	17.5		80	60.1	42.4	5212	3.4	
	12.5	63	64.7	3821	77.7	47.6	59.8	-	16.9	6.1	60	65.0	48.7	4774	4.0	
		67	68.7	3856	81.8	40.2	52.5	65.8	17.8		70	63.1	45.9	5025	3.7	
		71	73.1	3888	86.3	21.3	41.6	54.9	18.8		80	61.2	43.2	5277	3.4	
	15.0	63	67.2	3703	79.8	48.5	61.0	-	18.1	8.8	60	66.1	49.6	4833	4.0	
		67	71.3	3737	84.1	41.0	53.5	67.1	19.1		70	64.2	46.8	5087	3.7	
		71	75.9	3768	88.8	21.8	42.4	56.0	20.1		80	62.3	44.1	5339	3.4	
60	10.0	63	61.7	4383	76.7	46.3	58.3	-	14.1	3.8	60	72.1	55.6	4847	4.4	
		67	65.5	4424	80.6	39.1	51.1	64.2	14.8		70	70.0	52.6	5103	4.0	
		71	69.7	4460	84.9	20.7	40.5	53.5	15.6		80	67.9	49.6	5358	3.7	
	12.5	63	64.2	4251	78.7	47.2	59.4	-	15.1	6.1	60	73.4	56.6	4908	4.4	
		67	68.2	4291	82.8	39.9	52.1	65.4	15.9		70	71.2	53.6	5166	4.0	
		71	72.5	4326	87.3	21.1	41.2	54.6	16.8		80	69.1	50.6	5425	3.7	
	15.0	63	66.7	4120	80.8	48.1	60.6	-	16.2	8.8	60	74.6	57.7	4969	4.5	
		67	70.8	4159	85.0	40.7	53.1	66.7	17.0		70	72.5	54.6	5230	4.1	
		71	75.3	4192	89.7	21.5	42.0	55.6	18.0		80	70.3	51.6	5489	3.8	
70	10.0	63	61.2	4829	77.7	45.9	57.8	-	12.7	3.8	60	80.3	63.3	4980	4.7	
		67	65.0	4873	81.6	38.8	50.7	63.6	13.3		70	78.0	60.1	5242	4.4	
		71	69.2	4913	85.9	20.6	40.2	53.0	14.1		80	75.9	57.1	5497	4.0	
	12.5	63	63.7	4684	79.7	46.8	58.9	-	13.6	6.1	60	81.7	64.5	5042	4.8	
		67	67.6	4727	83.8	39.6	51.7	64.8	14.3		70	79.4	61.3	5307	4.4	
		71	72.0	4766	88.2	21.0	41.0	54.1	15.1		80	77.2	58.2	5566	4.1	
	15.0	63	66.2	4540	81.7	47.7	60.1	-	14.6	8.8	60	84.8	65.6	5103	4.9	
		67	70.3	4581	85.9	40.4	52.7	66.1	15.3		70	80.6	62.3	5371	4.4	
		71	74.8	4619	90.5	21.4	41.7	55.1	16.2		80	78.5	59.2	5630	4.1	
85	10.0	63	52.1	5690	71.5	39.6	50.8	-	9.2	3.8	-	-	-	-	-	
		67	55.2	5743	74.8	33.7	44.0	55.2	9.6		-	-	-	-	-	
		71	58.8	5790	78.5	17.2	34.7	46.8	10.2		-	-	-	-	-	
	12.5	63	54.2	5519	73.0	40.4	51.8	-	9.8	6.1	-	-	-	-	-	
		67	57.4	5571	76.4	34.4	44.9	57.2	10.3		-	-	-	-	-	
		71	61.2	5616	80.3	17.5	35.4	47.7	10.9		-	-	-	-	-	
	15.0	63	56.3	5348	74.5	41.2	52.8	-	10.5	8.8	-	-	-	-	-	
		67	59.7	5399	78.1	35.0	45.7	58.3	11.1		-	-	-	-	-	
		71	63.5	5443	82.1	17.8	36.0	48.6	11.7		-	-	-	-	-	
100	10.0	63	46.0	6348	67.7	33.0	44.1	-	7.2	3.8	-	-	-	-	-	
		67	48.5	6411	70.4	28.5	37.2	48.5	7.6		-	-	-	-	-	
		71	51.8	6462	73.8	13.0	28.9	41.0	8.0		-	-	-	-	-	
	12.5	63	47.8	6158	68.9	33.6	45.0	-	7.8	6.1	-	-	-	-	-	
		67	50.5	6219	71.7	29.0	37.9	50.3	8.1		-	-	-	-	-	
		71	53.9	6268	75.3	13.2	29.5	41.8	8.6		-	-	-	-	-	
	15.0	63	47.8	6158	68.9	33.6	45.0	-	7.8	8.8	-	-	-	-	-	
		67	50.5	6219	71.7	29.0	37.9	50.3	8.1		-	-	-	-	-	
		71	53.9	6268	75.3	13.2	29.5	41.8	8.6		-	-	-	-	-	

ALL BTUH ARE THOUSANDS

# SL065

SUPER LO-TEMP

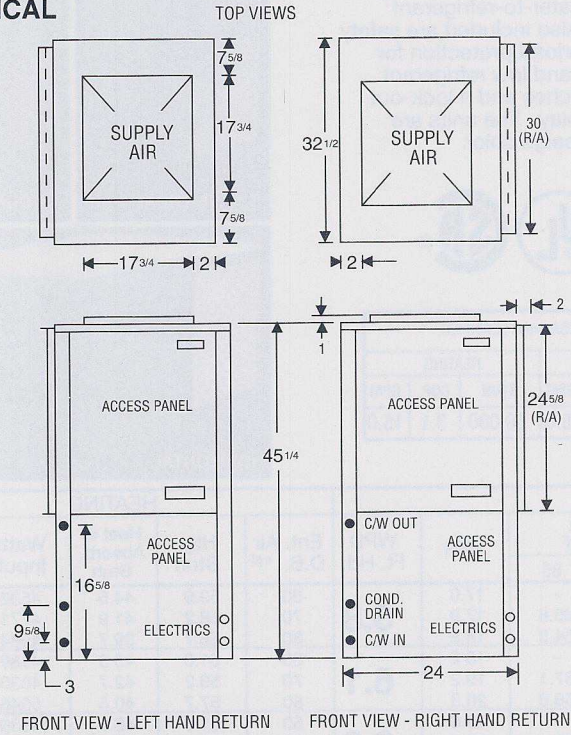
## PHYSICAL CHARACTERISTICS

## BLOWER PERFORMANCE

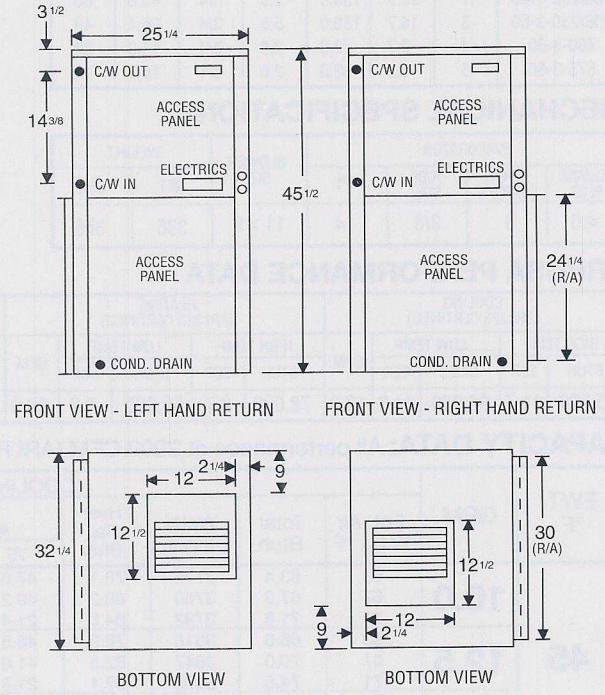
Note: 575 Volt models available in high speed only.

AVAILABLE EXTERNAL STATIC PRESSURE (In. H <sub>2</sub> O including allowance for wet coil and filter)												
FAN SPEED	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0	1.1	1.2
HIGH	2160	2090	2030	1960	1870	1800	1730	1680	1640	1600	1550	1500
MED.	2110	2040	1990	1910	1820	1760	1690	1630	1600	-	-	-
LOW	2060	1990	1950	1860	1760	1710	1640	-	-	-	-	-

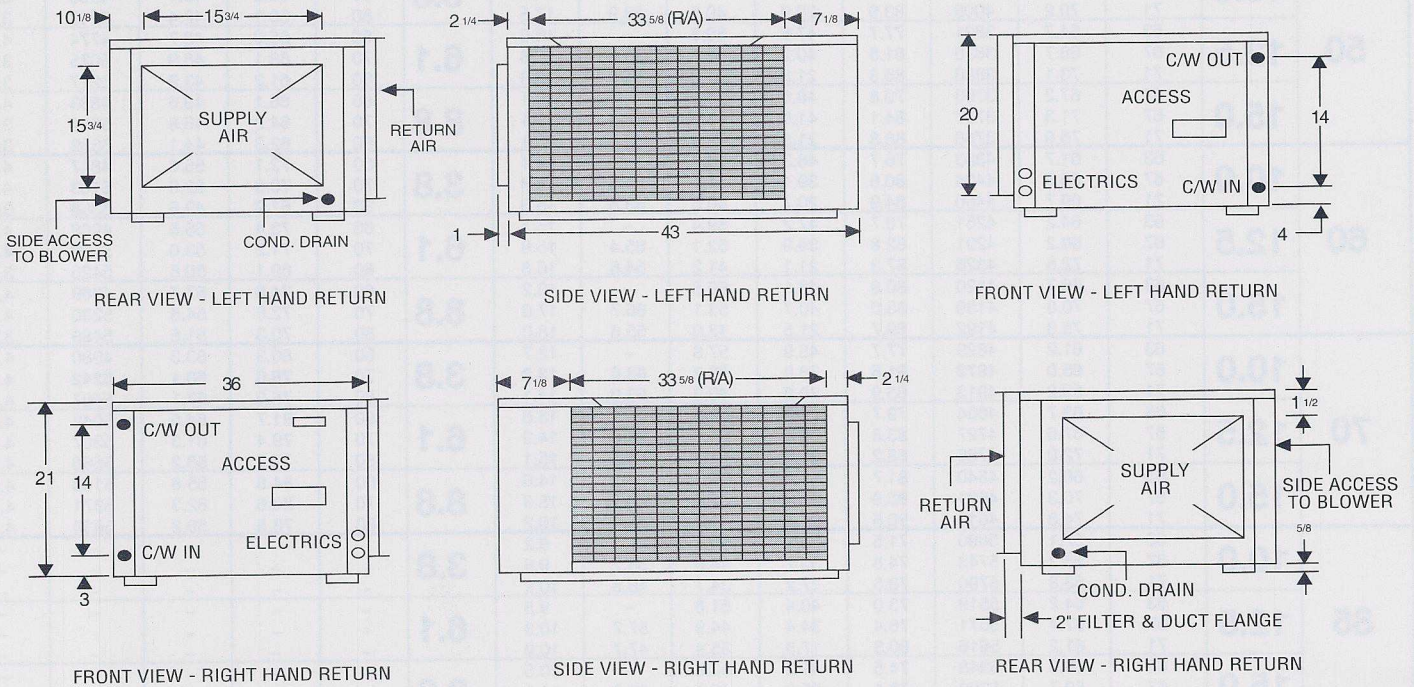
### VERTICAL



### COUNTERFLOW



### HORIZONTAL



### OPTIONAL STRAIGHT-THRU AIR CONFIGURATION

CONDENSER WATER CONNECTIONS: 1" F.P.T.  
 CONDENSATE DRAIN CONNECTION: 3/4" F.P.T.  
 FILTER SIZE: VT, CF 24" X 30" X 1" ; HZ 19 1/2" X 35" 1"

As a result of continuing research and development, all ratings and specifications are subject to change without notice. Rev. 6/93



a HARROW company

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