



SPECIFICATION DATA SHEET

SL025

SUPER LO-TEMP

FLORIDA HEAT PUMP HIGH-EFFICIENCY WATER SOURCE HEAT PUMPS

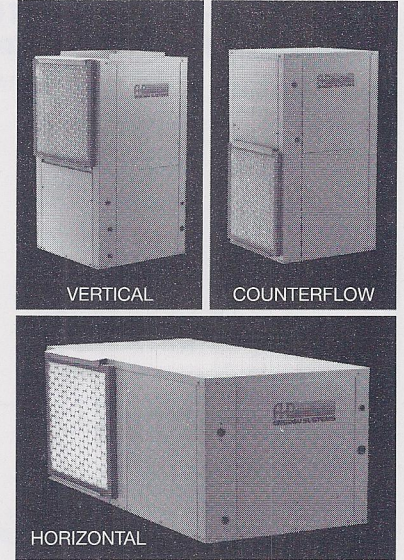
ELECTRICAL SPECIFICATIONS

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	11.6	60.0	2.0	1/4	16.5	25
265-1-60	-2	10.9	58.0	1.6	1/4	15.3	25
208/230-3-60	-3	6.2	58.0	2.0	1/4	9.8	15
460-3-60	-4	3.1	30.0	1.0	1/4	4.9	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
2.12	3	3/8	13	9 x 7	186	198



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	COP	GPM
27,200	12.6	28,400	15.9	3.0	30,200	3.9	23,400	3.4	3.0	26,800	13.7	5.5	19,000	3.1	5.5

CAPACITY DATA: All performance at 800 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	3.0	63	27.3	1494	32.4	20.5	25.8	-	18.3	1.2	60	22.5	16.7	1679	3.9	
		67	29.0	1508	34.1	17.3	22.6	28.3	19.2		70	21.8	15.8	1767	3.6	
		71	30.8	1521	36.0	9.2	17.9	23.6	20.3		80	21.3	15.0	1848	3.4	
	5.5	63	31.0	1345	35.6	21.8	27.4	-	23.0	6.1	60	24.2	18.3	1746	4.1	
		67	32.9	1357	37.5	18.4	24.1	30.2	24.2		70	23.5	17.2	1837	3.8	
		71	35.0	1369	39.7	9.8	19.1	25.2	25.6		80	22.9	16.4	1922	3.5	
	7.0	63	33.2	1255	37.5	22.6	28.4	-	26.4	9.1	60	25.1	19.0	1783	4.1	
		67	35.2	1267	39.5	19.1	24.9	31.3	27.8		70	24.3	17.9	1876	3.8	
		71	37.5	1277	41.8	10.1	19.8	26.1	29.3		80	23.8	17.1	1961	3.6	
50	3.0	63	26.5	1580	31.8	20.1	25.3	-	16.7	1.2	60	24.1	18.2	1728	4.1	
		67	28.4	1594	33.8	17.0	22.2	27.8	17.8		70	23.4	17.2	1819	3.8	
		71	30.2	1608	35.7	9.0	17.6	23.2	18.8		80	22.7	16.2	1910	3.5	
	5.5	63	30.0	1422	34.9	21.4	26.9	-	21.1	6.1	60	26.0	19.9	1797	4.2	
		67	32.2	1435	37.1	18.1	23.6	29.6	22.5		70	25.2	18.8	1891	3.9	
		71	34.3	1447	39.2	9.6	18.7	24.7	23.7		80	24.5	17.7	1986	3.6	
	7.0	63	32.2	1327	36.7	22.2	27.9	-	24.2	9.1	60	27.1	20.9	1838	4.3	
		67	34.5	1339	39.1	18.7	24.5	30.7	25.8		70	26.3	19.7	1935	4.0	
		71	36.7	1350	41.4	9.9	19.4	25.6	27.2		80	25.6	18.7	2030	3.7	
60	3.0	63	25.9	1758	31.9	19.6	24.8	-	14.7	1.2	60	27.6	21.3	1844	4.4	
		67	27.8	1775	33.9	16.6	21.7	27.3	15.7		70	26.8	20.2	1941	4.0	
		71	29.6	1789	35.7	8.7	17.2	22.8	16.5		80	26.0	19.0	2038	3.7	
	5.5	63	29.4	1582	34.8	20.9	26.4	-	18.6	6.1	60	30.0	23.2	1917	4.6	
		67	31.6	1597	37.0	17.7	23.1	29.1	19.8		70	28.9	22.0	2018	4.2	
		71	33.6	1610	39.1	9.3	18.3	24.3	20.9		80	28.1	20.8	2119	3.9	
	7.0	63	31.5	1477	36.5	21.7	27.4	-	21.3	9.1	60	31.1	24.4	1962	4.6	
		67	33.8	1491	38.9	18.3	23.9	30.2	22.7		70	30.2	23.1	2065	4.3	
		71	36.0	1503	41.1	9.6	18.9	25.2	23.9		80	29.3	21.9	2166	4.0	
70	3.0	63	25.6	1937	32.2	19.2	24.2	-	13.2	1.2	60	31.1	24.4	1959	4.7	
		67	27.2	1955	33.9	16.3	21.2	26.6	13.9		70	30.2	23.2	2063	4.3	
		71	28.9	1971	35.7	8.6	16.8	22.2	14.7		80	29.4	22.0	2160	4.0	
	5.5	63	29.1	1744	35.0	20.5	25.8	-	16.7	6.1	60	33.6	26.6	2038	4.8	
		67	30.9	1760	36.9	17.3	22.6	28.3	17.5		70	32.6	25.3	2145	4.5	
		71	32.8	1774	38.9	9.2	17.9	23.6	18.5		80	31.7	24.1	2246	4.1	
	7.0	63	31.1	1627	36.7	21.2	26.7	-	19.1	9.1	60	34.9	27.8	2083	4.9	
		67	33.1	1642	38.7	17.9	23.4	29.4	20.1		70	33.8	26.4	2192	4.5	
		71	35.2	1656	40.8	9.5	18.6	24.5	21.3		80	33.0	25.2	2293	4.2	
85	3.0	63	20.9	2199	28.4	16.6	20.9	-	9.5	1.2	-	-	-	-	-	
		67	22.2	2220	29.8	14.1	18.4	22.2	10.0		70	-	-	-	-	-
		71	23.6	2237	31.3	7.3	14.6	19.5	10.6		80	-	-	-	-	-
	5.5	63	23.8	1979	30.5	17.7	22.6	-	12.0	6.1	-	-	-	-	-	
		67	25.2	1998	32.0	15.0	19.6	24.9	12.6		70	-	-	-	-	-
		71	26.8	2014	33.7	7.7	15.5	20.8	13.3		80	-	-	-	-	-
	7.0	63	25.5	1847	31.8	18.4	23.4	-	13.8	9.1	-	-	-	-	-	
		67	27.0	1865	33.3	15.6	20.4	25.9	14.5		70	-	-	-	-	-
		71	28.7	1879	35.1	8.0	16.1	21.6	15.3		80	-	-	-	-	-
100	3.0	63	18.5	2453	26.9	14.5	18.5	-	7.5	1.2	-	-	-	-	-	
		67	19.5	2478	28.0	12.4	16.2	19.5	7.9		70	-	-	-	-	-
		71	20.8	2497	29.3	5.9	14.7	17.7	8.3		80	-	-	-	-	-
	5.5	63	21.0	2208	28.5	15.4	20.3	-	9.5	6.1	ALL BTUH ARE THOUSANDS					
		67	22.1	2230	29.7	13.2	17.3	22.1	9.9		70	-	-	-	-	-
		71	23.6	2247	31.3	6.3	13.5	18.8	10.5		80	-	-	-	-	-
	7.0	63	22.5	2061	29.5	16.0	21.0	-	10.9	9.1	-	-	-	-	-	
		67	23.7	2082	30.8	13.7	17.9	23.4	11.4		70	-	-	-	-	-
		71	25.3	2097	32.5	6.5	14.0	19.5	12.1		80	-	-	-	-	-

SL025

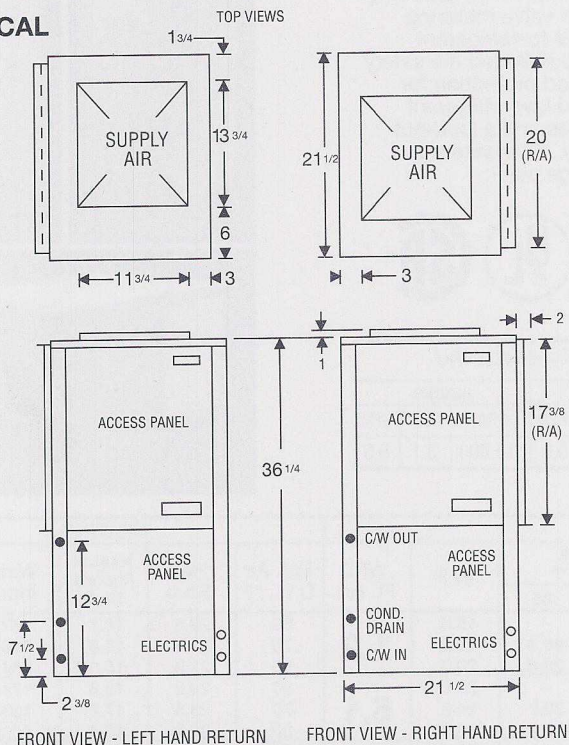
SUPER LO-TEMP

BLOWER PERFORMANCE

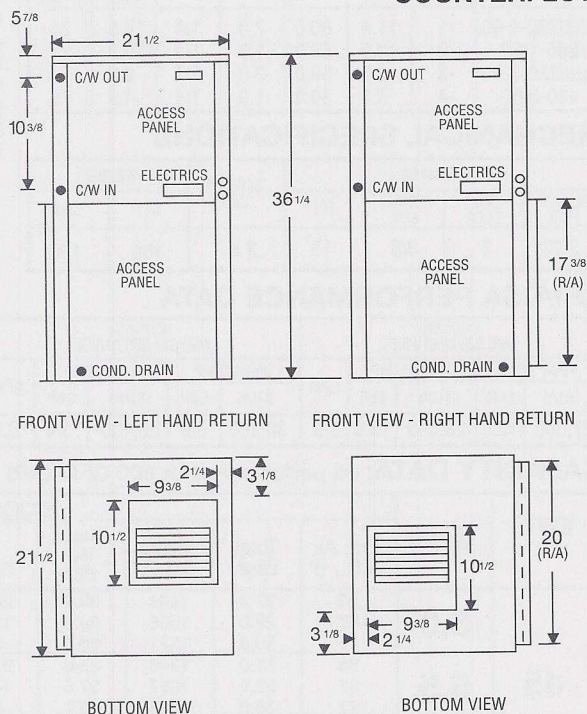
AVAILABLE EXTERNAL STATIC PRESSURE (In. H ₂ O including allowance for wet coil and filter)												
FAN SPEED	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0	1.1	1.2
HIGH	900	850	800	760	710	690	680	670	-	-	-	-
MED.	750	720	690	670	-	-	-	-	-	-	-	-
LOW	670	-	-	-	-	-	-	-	-	-	-	-

PHYSICAL CHARACTERISTICS

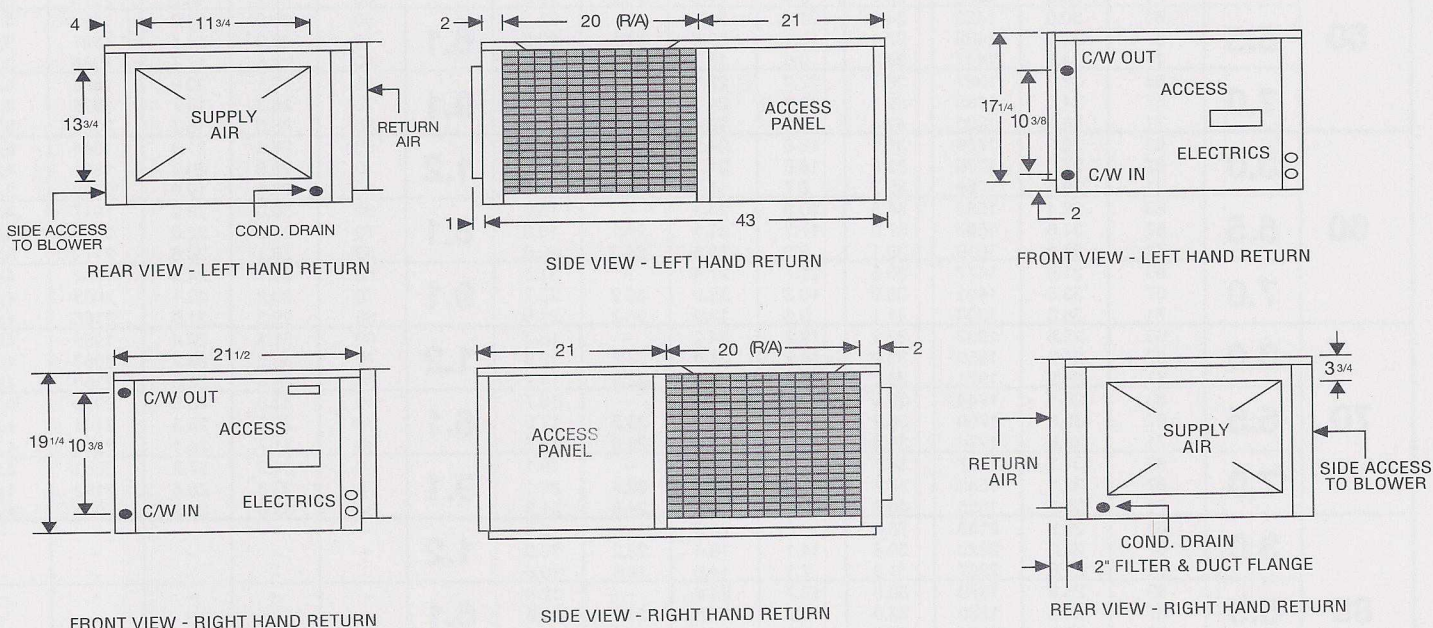
VERTICAL



COUNTERFLOW



HORIZONTAL



OPTIONAL STRAIGHT-THRU AIR CONFIGURATION

CONDENSER WATER CONNECTIONS: 3/4" F.P.T.
 CONDENSATE DRAIN CONNECTION: 3/4" F.P.T.
 FILTER SIZE: VT, CF 17" X 20" X 1" ; HZ 17" X 20" X 1"

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

Rev. 5/95



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