



SPECIFICATION DATA SHEET

SL020 SUPER LO-TEMP

FLORIDA HEAT PUMP HIGH-EFFICIENCY WATER SOURCE HEAT PUMPS

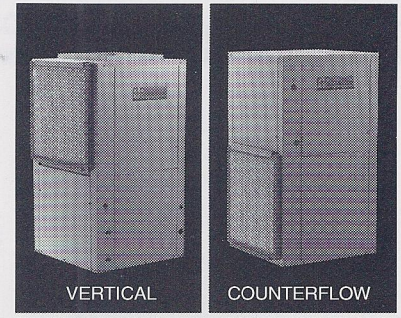
ELECTRICAL SPECIFICATIONS

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	9.0	48.0	2.0	1/4	13.3	20
265-1-60	-2	9.0	44.0	1.6	1/4	12.9	20
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

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
1.88	3	3/8	14	9 x 7	174	185

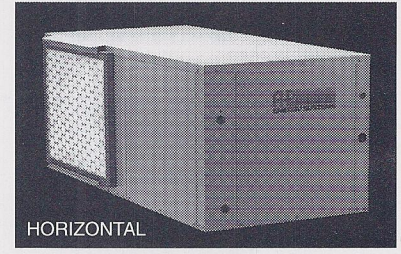


VERTICAL

COUNTERFLOW

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
20,800	12.1	21,800	15.4	2.0	21,400	3.7	17,200	3.2	2.0	20,200	12.2	4.5	14,900	3.0	4.5



HORIZONTAL

CAPACITY DATA: All performance at 600 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	2.0	63	20.9	1185	25.0	15.7	20.0	-	17.7	17.7	60	16.6	12.0	1335	3.6	
		67	22.2	1196	26.3	13.3	17.3	21.7	18.6	18.6	70	16.1	11.3	1405	3.4	
		71	23.7	1206	28.0	7.1	13.7	18.1	19.6	19.6	80	15.7	10.6	1473	3.1	
	3.5	63	23.5	1078	27.2	16.6	20.9	-	21.8	21.8	60	17.9	13.2	1388	3.8	
		67	24.9	1088	28.7	14.1	18.4	23.0	22.9	22.9	70	17.4	12.4	1460	3.5	
		71	26.5	1097	24.2	7.5	14.5	19.2	24.2	24.2	80	16.9	11.7	1531	3.2	
	4.5	63	25.2	1007	28.6	17.2	21.7	-	25.0	25.0	60	18.6	13.8	1422	3.8	
		67	26.7	1017	30.2	14.6	19.0	23.9	26.3	26.3	70	18.1	13.0	1496	3.5	
		71	28.5	1025	31.9	7.7	15.1	19.9	27.8	27.8	80	17.7	12.3	1567	3.3	
50	2.0	63	20.5	1253	24.8	15.4	19.4	-	16.4	16.4	60	17.7	13.1	1349	3.8	
		67	21.8	1264	26.1	13.0	17.0	21.3	17.2	17.2	70	17.2	12.4	1420	3.5	
		71	23.2	1275	27.5	6.9	13.5	17.8	18.2	18.2	80	16.7	11.6	1491	3.3	
	3.5	63	23.0	1140	26.9	16.3	20.5	-	20.2	20.2	60	19.2	14.4	1403	4.0	
		67	24.4	1150	28.4	13.8	18.0	22.6	21.3	21.3	70	18.6	13.6	1476	3.7	
		71	26.0	1160	30.0	7.3	14.3	18.8	22.4	22.4	80	18.0	12.7	1550	3.4	
	4.5	63	24.7	1065	28.3	16.9	21.3	-	23.2	23.2	60	20.1	15.2	1438	4.1	
		67	26.2	1074	30.0	14.3	18.7	23.4	24.4	24.4	70	19.5	14.4	1513	3.8	
		71	27.9	1083	31.6	7.6	14.8	19.5	25.7	25.7	80	19.0	13.5	1587	3.5	
60	2.0	63	20.1	1401	24.9	15.0	19.0	-	14.3	14.3	60	19.9	15.6	1412	4.1	
		67	21.3	1415	26.1	12.7	16.6	20.9	15.1	15.1	70	19.3	14.2	1486	3.8	
		71	22.7	1426	27.5	6.7	13.1	17.5	15.9	15.9	80	18.7	13.4	1560	3.5	
	3.5	63	22.5	1275	26.9	15.9	20.1	-	17.7	17.7	60	21.5	16.5	1468	4.3	
		67	23.9	1287	28.3	13.5	17.6	22.2	18.6	18.6	70	20.9	15.6	1545	4.0	
		71	25.4	1297	29.9	7.1	13.9	18.5	19.6	19.6	80	20.2	14.7	1622	3.7	
	4.5	63	24.1	1191	28.2	16.5	20.9	-	20.3	20.3	60	22.6	17.4	1505	4.4	
		67	25.6	1202	29.7	14.0	18.2	23.0	21.3	21.3	70	21.9	16.5	1584	4.1	
		71	27.3	1212	31.4	7.3	14.4	19.2	22.5	22.5	80	21.3	15.6	1661	3.8	
70	2.0	63	19.6	1551	24.9	14.7	18.5	-	12.6	12.6	60	22.0	17.0	1474	4.4	
		67	20.8	1565	26.1	12.4	16.2	20.3	13.3	13.3	70	21.4	16.1	1552	4.0	
		71	22.1	1578	27.5	6.6	12.9	17.0	14.0	14.0	80	20.8	15.3	1626	3.8	
	3.5	63	22.0	1411	26.8	15.6	19.6	-	15.6	15.6	60	23.8	18.6	1533	4.6	
		67	23.3	1424	28.2	13.2	17.2	21.5	16.4	16.4	70	23.1	17.6	1614	4.2	
		71	24.8	1436	29.7	7.0	13.6	18.0	17.3	17.3	80	22.5	16.7	1691	3.9	
	4.5	63	23.6	1318	28.0	16.1	20.3	-	17.9	17.9	60	24.9	19.5	1570	4.6	
		67	25.0	1330	29.6	13.6	17.8	22.3	18.8	18.8	70	24.2	18.5	1653	4.3	
		71	26.6	1341	31.2	7.2	14.1	18.6	19.8	19.8	80	23.6	17.6	1730	4.0	
85	2.0	63	14.9	1886	21.3	12.2	14.9	-	7.9	7.9	-	-	-	-	-	
		67	15.8	1904	22.3	10.3	13.5	15.8	8.3	8.3	-	-	-	-	-	
		71	16.8	1920	23.4	5.3	10.6	14.3	8.8	8.8	-	-	-	-	-	
	3.5	63	16.7	1716	22.6	12.9	16.4	-	9.7	9.7	-	-	-	-	-	
		67	17.7	1733	23.6	10.9	14.3	17.7	10.2	10.2	-	-	-	-	-	
		71	18.9	1747	24.8	5.6	11.3	15.1	10.8	10.8	-	-	-	-	-	
	4.5	63	17.9	1603	23.4	13.3	17.0	-	11.2	11.2	-	-	-	-	-	
		67	19.0	1618	24.5	11.3	14.8	18.8	11.7	11.7	-	-	-	-	-	
		71	20.2	1632	25.8	5.8	11.7	15.7	12.4	12.4	-	-	-	-	-	
100	2.0	63	13.1	2105	20.3	10.6	13.1	-	6.2	6.2	-	-	-	-	-	
		67	13.9	2125	21.1	9.1	11.9	13.9	6.5	6.5	-	-	-	-	-	
		71	14.8	2142	22.1	4.3	9.3	12.9	6.9	6.9	-	-	-	-	-	
	3.5	63	14.7	1915	21.3	11.2	14.7	-	7.7	7.7	-	-	-	-	-	
		67	15.6	1934	22.6	9.6	12.6	15.6	8.0	8.0	-	-	-	-	-	
		71	16.6	1949	23.3	4.6	9.8	13.7	8.5	8.5	-	-	-	-	-	
	4.5	63	15.8	1789	21.9	11.6	15.3	-	8.8	8.8	-	-	-	-	-	
		67	16.7	1806	22.8	10.0	13.0	16.7	9.2	9.2	-	-	-	-	-	
		71	17.8	1821	24.0	4.7	10.2	14.2	9.8	9.8	-	-	-	-	-	

ALL BTUH ARE THOUSANDS

SLO20

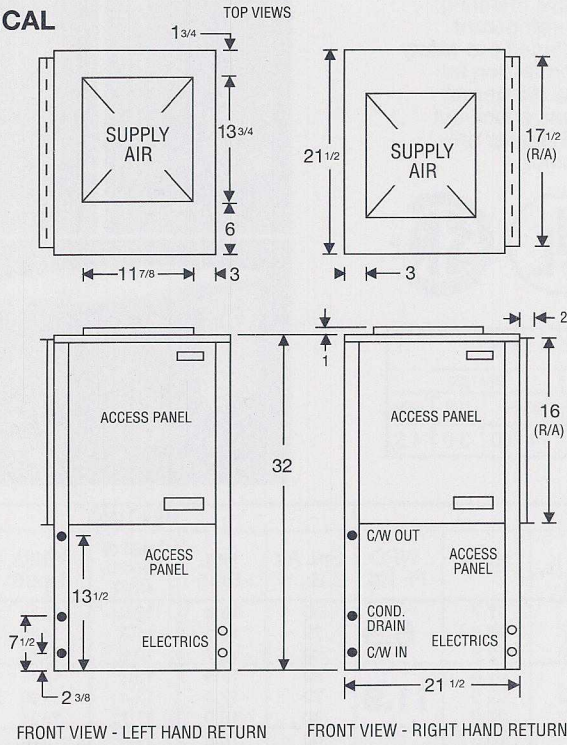
SUPER LO-TEMP

BLOWER PERFORMANCE

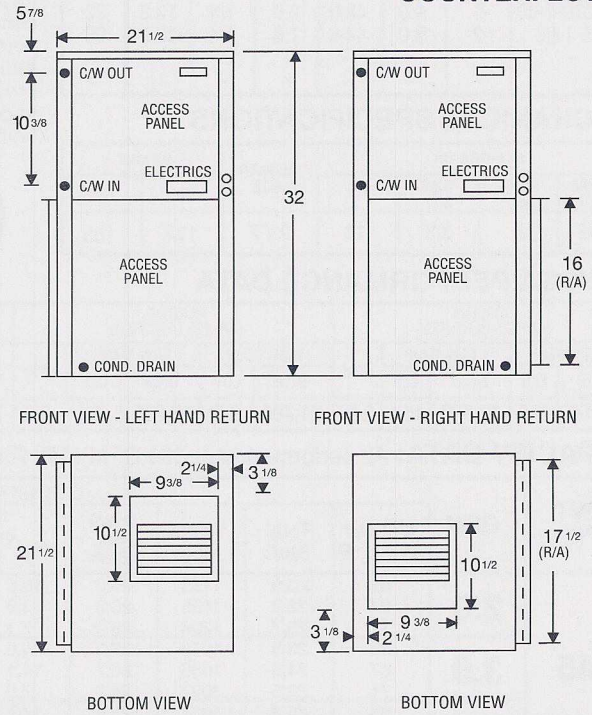
AVAILABLE EXTERNAL STATIC PRESSURE (In. H ₂ O including allowance for wet coil and filter)												
FAN SPEED	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0	1.1	1.2
HIGH	900	850	800	760	710	690	680	670	-	-	-	-
MED.	750	720	690	670	-	-	-	-	-	-	-	-
LOW	670	-	-	-	-	-	-	-	-	-	-	-

PHYSICAL CHARACTERISTICS

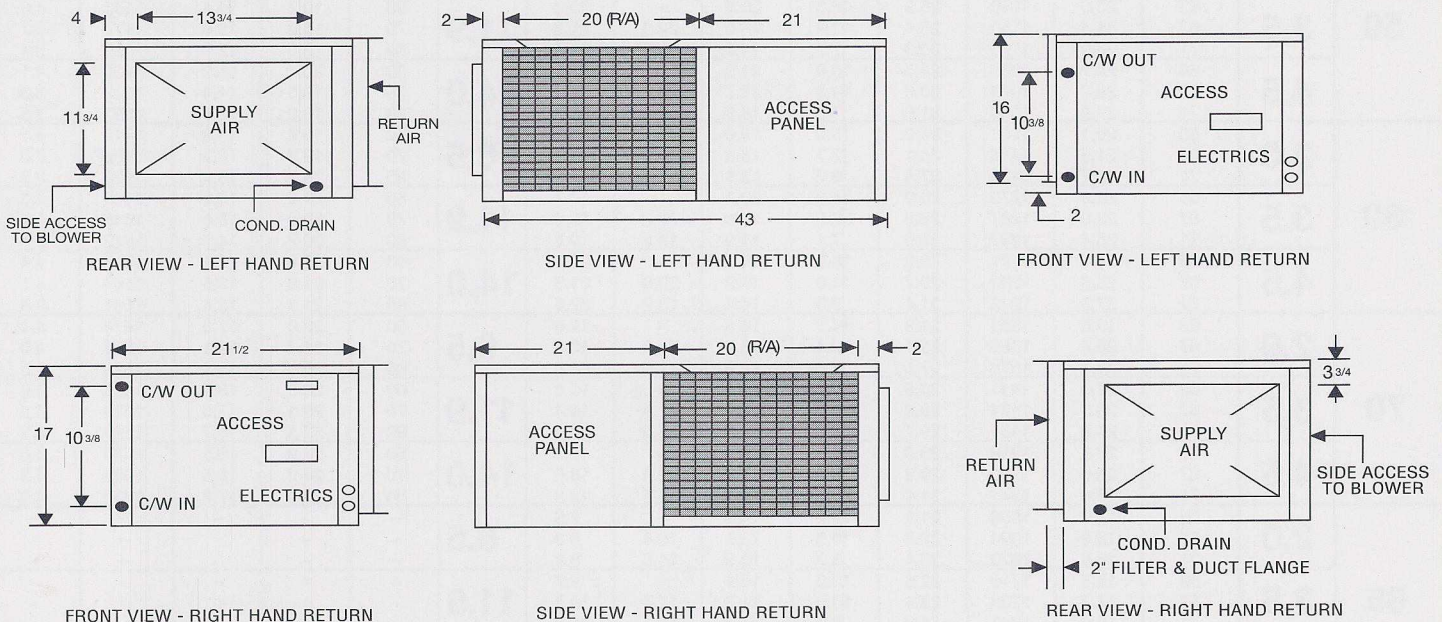
VERTICAL



COUNTERFLOW



HORIZONTAL



OPTIONAL STRAIGHT-THRU AIR CONFIGURATION AVAILABLE



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 601 N.W. 65th COURT
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 FAX: (305) 776-5529

CONDENSER WATER CONNECTIONS: 3/4" F.P.T.
 CONDENSATE DRAIN CONNECTION: 3/4" F.P.T.
 FILTER SIZE: VT, CF 15" X 20" X 1" ; HZ 16" X 20" X 1"

As a result of continuing research and development, all ratings and specifications are subject to change without notice. Rev. 10/94