

SE026

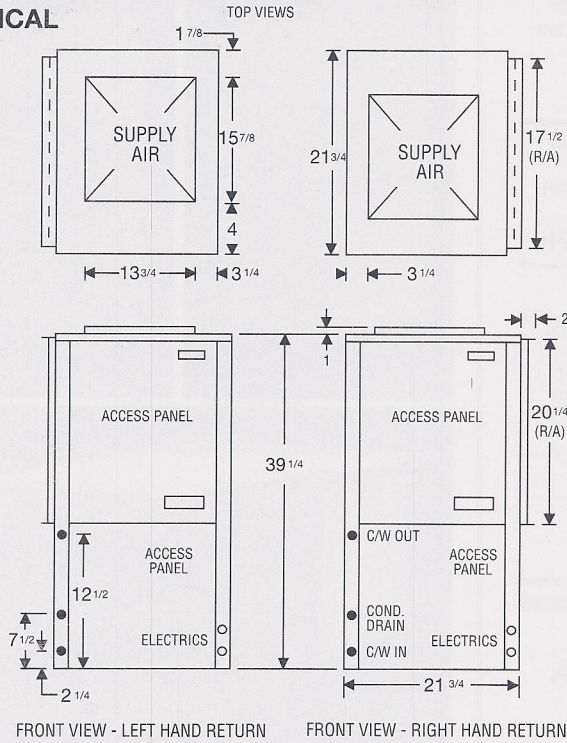
SUPER EFFICIENCY

BLOWER PERFORMANCE

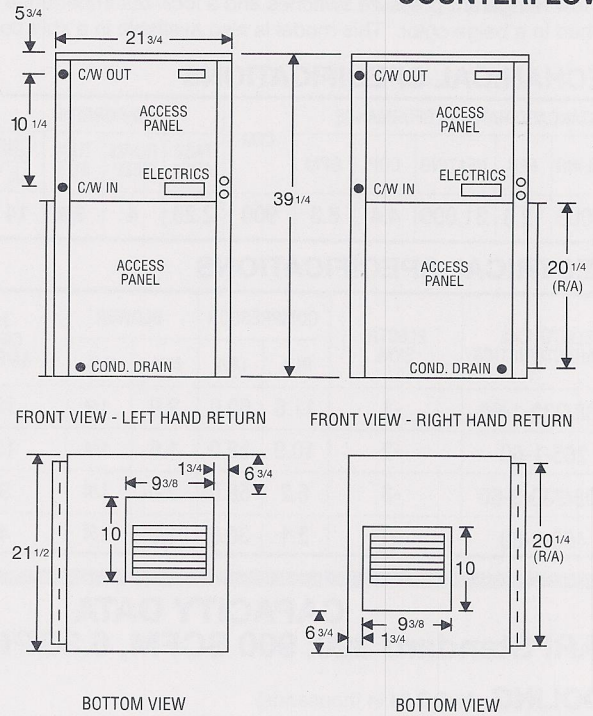
AVAILABLE EXTERNAL STATIC PRESSURE (In. H ₂ O including allowance for wet coil and filter)												
FAN SPEED	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0	1.1	1.2
HIGH	1030	975	920	875	860	840	810	780	775	750	-	-
MED.	770	750	720	680	-	-	-	-	-	-	-	-
LOW	720	680	-	-	-	-	-	-	-	-	-	-

PHYSICAL CHARACTERISTICS

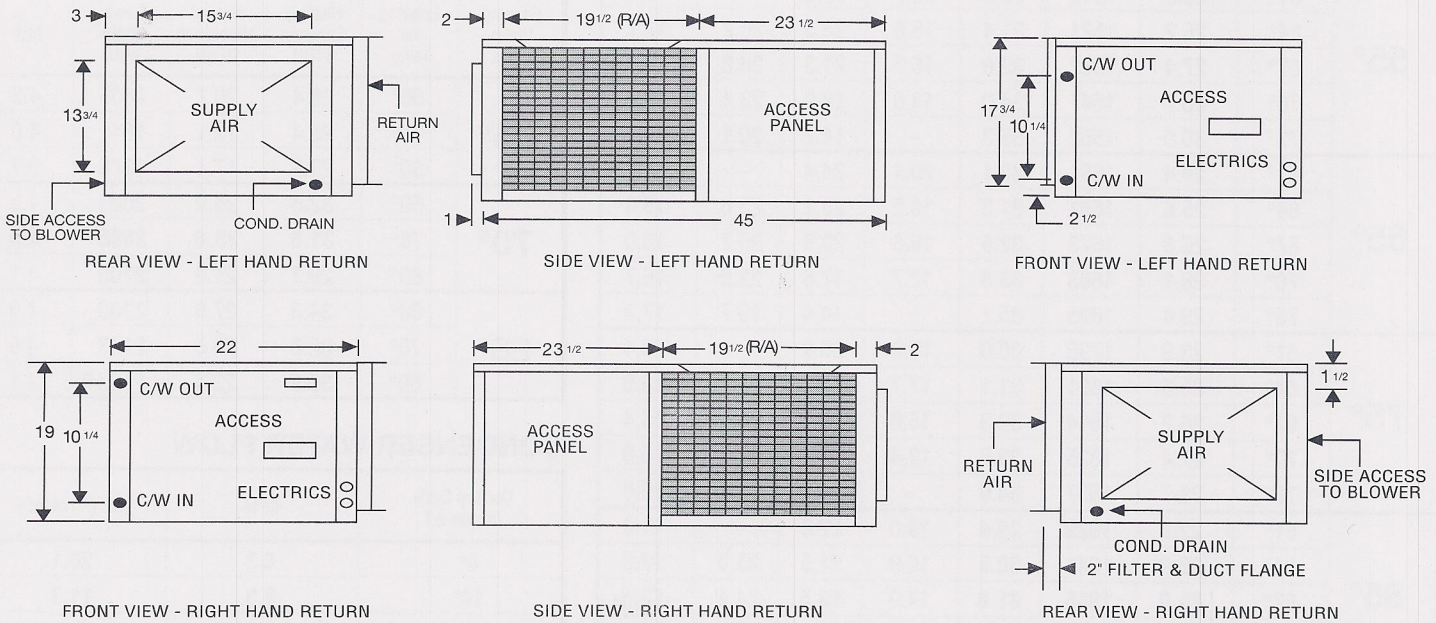
VERTICAL



COUNTERFLOW



HORIZONTAL



OPTIONAL STRAIGHT-THRU AIR CONFIGURATION AVAILABLE

CONDENSER WATER CONNECTIONS: 3/4" F.P.T.
 CONDENSATE DRAIN CONNECTION: 3/4" F.P.T.
 FILTER SIZE: VT, CF 20" X 22 1/4" X 1" ; HZ 17 1/2" X 20" X 1"

As a result of continuing research and development, all ratings and specifications are subject to change without notice. Rev. 12/94



a HARROW company

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FHP SPECIFICATION DATA SHEET

FLORIDA HEAT PUMP HIGH-EFFICIENCY WATER SOURCE HEAT PUMPS

SE026

SUPER EFFICIENCY

Units are complete packages containing all refrigeration components: compressor, reversing valve, capillary tube 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. This model is also available in a split configuration.

MECHANICAL SPECIFICATIONS

STANDARD RATED PERFORMANCE					CFM	EVAPORATOR				BLOWER	WEIGHT	
COOLING	EER	HEATING	COP	GPM		FACE AREA	ROWS DEEP	TUBE SIZE	FINS PER IN.		NET	SHIP
25,000	12.8	31,000	4.4	6.3	900	2.29	4	3/8	14	9X7	200	210

ELECTRICAL SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	ELECTR. SYM.	COMPRESSOR		BLOWER		MIN. CIRCUIT AMPACITY	FUSE (T/D) HACR CIRCUIT BREAKER
		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

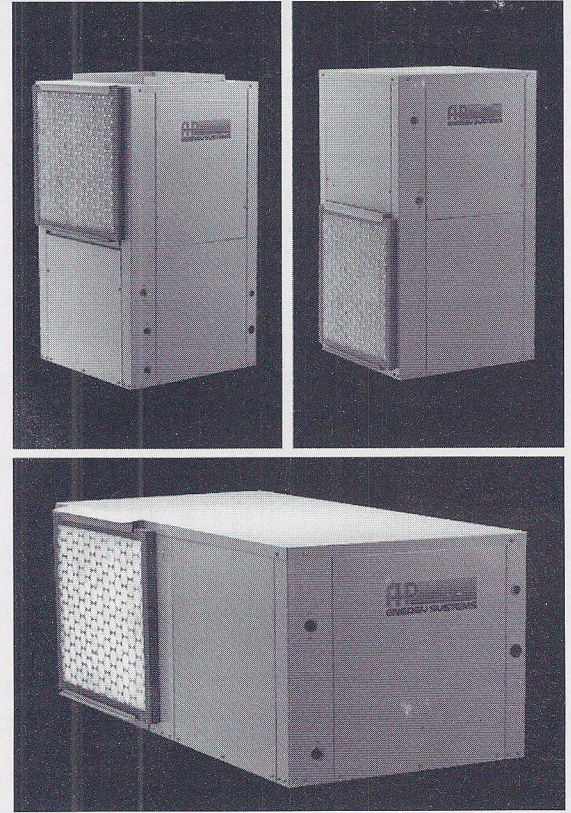
CAPACITY DATA

ARI Standard 320: 900 SCFM, 6.3GPM/11.7' P.D.

COOLING (All BTUH in thousands)

Entering Water Temp.	Ent. Air Wet Bulb Temp.	Total Capacity BTUH	Watts Input	Heat Rejection BTUH	Sensible Capacity BTUH Ent. Air Dry Bulb °F			EER
					75°	80°	85°	
55°	61°	25.0	1512	30.2	20.8	25.0	-	16.6
	64°	26.2	1521	31.4	18.6	23.3	26.2	17.2
	67°	27.4	1532	32.6	16.3	21.3	26.8	17.9
	70°	28.7	1541	34.0	13.0	18.0	23.4	18.7
	73°	30.0	1552	35.3	-	14.7	20.1	19.4
65°	61°	24.4	1651	30.1	20.4	24.4	-	14.8
	64°	25.6	1661	31.3	18.2	23.1	25.6	15.4
	67°	26.8	1673	32.5	16.0	20.9	26.2	16.0
	70°	28.1	1683	33.8	12.7	17.6	22.9	16.7
	73°	29.4	1695	35.1	-	14.4	19.7	17.3
75°	61°	23.9	1790	30.0	19.9	23.9	-	13.4
	64°	25.0	1801	31.1	17.7	22.5	25.0	13.9
	67°	26.2	1814	32.3	15.6	20.4	25.6	14.4
	70°	27.4	1825	33.6	12.4	17.2	22.4	15.0
	73°	28.7	1837	34.9	-	14.0	19.2	15.6
85°	61°	22.8	1929	29.4	19.0	22.8	-	11.8
	64°	23.9	1941	30.5	16.9	21.5	23.9	12.3
	67°	25.0	1955	31.6	14.9	19.5	24.4	12.8
	70°	26.2	1966	32.9	11.8	16.4	21.4	13.3
	73°	27.4	1980	34.1	-	13.4	18.3	13.8
95°	61°	20.8	2066	27.8	17.3	20.8	-	10.1
	64°	21.7	2079	28.8	15.4	19.6	21.7	10.5
	67°	22.8	2093	29.9	13.6	17.7	22.3	10.9
	70°	23.8	2106	31.0	10.8	15.0	19.5	11.3
	73°	24.9	2121	32.2	-	12.2	16.7	11.8

BOLD DATA ARE AT ARI STANDARD 320 RATING CONDITIONS.



HEATING

Entering Water Temp.	Entering Air Temp.	Heating Capacity BTUH	Heat of Absorption BTUH	Power Input Watts	COP
55°	60°	26.4	20.7	1805	4.3
	70°	25.4	19.1	1841	4.0
	80°	23.8	17.4	1878	3.7
70°	60°	32.8	25.9	2023	4.8
	70°	31.0	23.9	2065	4.4
	80°	29.1	21.9	2106	4.1
80°	60°	34.8	27.6	2100	4.9
	70°	32.8	25.5	2143	4.5
	80°	30.8	23.4	2186	4.1

CONDENSER WATER FLOW

Cooling Cycle Design ΔT	GPM	P.D. (Ft. of Hd.)
8°	8.3	20.1
10°	6.3	11.7
12°	5.1	7.7
14°	4.6	6.3
16°	4.2	5.2

