



# SPLIT SYSTEM

## WATER SOURCE

The Florida Heat Pump Split System differs from our standard Geo Thermal Units in that it consists of two remotely installed sections. The Split System

## HEAT PUMP UNITS

offers the freedom and convenience of design allowing centralized air distribution while remotely locating the condensing section. **OPTIONAL: "HRP" DOMESTIC HOT WATER HEAT RECOVERY UNIT AVAILABLE**

**AIR HANDLING UNITS** are available in several configurations: The Vertical model as shown, the Horizontal models or the counterflow configuration with the blower mounted for bottom air discharge.



**THE CONDENSING SECTION** does not have to be located outdoors. Since the System is water cooled and does not require a large volume of air, the condensing section may be located in the garage, utility room, equipment room, or any area convenient for maintenance.

## RESIDENTIAL/COMMERCIAL PERFORMANCE DATA

MODEL	COOLING ENTERING WATER TEMPERATURES				HEATING ENTERING WATER TEMPERATURES			
	50°F		70°F		50°F		70°F	
	BTU/HR	EER	BTU/HR	EER	BTU/HR	COP	BTU/HR	COP
LT-020	22,000	13.8	19,500	10.8	16,600	3.0	23,400	3.5
LT-030	31,000	15.0	28,400	12.0	23,200	3.0	34,000	3.4
LT-040	38,500	13.3	35,400	11.0	30,800	3.0	41,000	3.4
LT-050	50,000	14.2	45,000	11.3	36,000	3.0	47,000	3.4
LT-060	59,000	14.0	54,000	11.0	50,000	3.0	64,000	3.3
LT-070	71,000	12.4	64,000	10.2	60,000	3.0	76,000	3.3
LT-090	89,000	11.7	84,000	10.0	77,000	3.0	103,000	3.4

All Performance Certified per ARI Std. 325. Includes power consumption allowance for condenser water flow and pressure drop.

COOLING CAPACITY DATA: Based on A.R.I. Conditions of 80° D.B. and 67° W.B. Entering Air.

HEATING CAPACITY DATA: Based on A.R.I. Conditions of 70°F Entering Air.

EER. = ENERGY EFFICIENCY RATIO: The Total Cooling Capacity divided by the Total Watts Electrical input.

COP = COEFFICIENT OF PERFORMANCE. A COP of 1 equals 3412 BTU/HR with an Electrical input of one Kilowatt. Therefore, COP listed is calculated by dividing the total heating capacity by the electrical input divided by 3412.



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All ratings and specifications are subject to change.

