



TM

The HTS Series combines the advantages of split system design with two stage efficiency. Far exceeding ASHRAE 90.1 efficiencies, the unit runs at 67% capacity most of the time to maintain a constant temperature and

humidity level. When there's a demand for greater heating or cooling, such as during weather extremes, the unit instantly shifts to 100% capacity. Comfort is increased and operating costs lowered through this part load and full load capacity shifting.

The split system design is ideal for compact spaces such as attics or crawl spaces. Compact cabinets can be stacked for multi-unit installations. Coupled with an air handler or add-on furnace coil, the split system also offers the flexibility of an all-electric or dual fuel system. All models use environmentally friendly R-410A.



## FEATURES

- **Quiet Operation**—Double isolation compressor mounting system and vibration isolation springs reduce sound attenuation; insulated divider and separate compressor compartment also reduce noise
- **Easy Installation/Service**—Back-seating service valves included, panels on three sides are easily removed for access to components
- **Standard Features**—Units come equipped with hot water generator with built-in pump and CuNi coil
- **Two Stage Compressor**—Copeland multi-stage scroll compressor provides steady comfort at higher efficiencies than single stage models
- **Microprocessor Controls**—Solid state controls include performance monitoring system that signals a potential problem before a lockout occurs
- **Extended Operating Range**—20°–120°F range makes units suitable for virtually all applications and climates

NOTE: The TXVs on our 1.3 SEER air handlers have a built-in check valve, making them suitable for use with the HTS models (match nominal size to nominal size). See pages 4-6

POWER 208/230-1-60

Model	Capacity Modulation	Ground Water				Ground Loop				Shipping Wt. (lbs.)
		Cooling Water 59° F		Heating Water 50° F		Cooling Full Load 77° F Part Load 68° F		Heating Full Load 32° F Part Load 41° F		
		BTUH	EER	BTUH	COP	BTUH	EER	BTUH	COP	
HTS024	Full	28,600	23.2	25,600	4.7	26,400	18.0	19,500	3.9	220
	Part	22,000	29.4	19,200	4.6	20,800	24.5	16,600	4.1	220
HTS036	Full	40,100	21.4	35,900	4.5	37,300	16.7	27,000	3.8	235
	Part	28,000	27.1	24,400	4.6	27,100	23.7	21,400	4.1	235
HTS048	Full	53,900	20.9	47,700	4.6	50,200	16.6	37,200	4.0	260
	Part	38,700	26.8	33,800	4.7	37,000	22.8	29,900	4.2	260
HTS060	Full	63,800	19.2	58,800	4.3	59,500	15.3	45,700	3.6	280
	Part	46,000	25.7	42,300	4.4	44,800	22.2	37,500	4.0	280

Cooling capacities based upon 80.6°F DB, 66.2°F WB entering air temperature.  
Heating capacities based upon 68°F DB, 59°F WB entering air temperature.

All ratings based on 208V operation.



**Outstanding Warranty Coverage—12 years on compressor, 6 years on parts**

(Some limitations apply; see printed warranty for details.)