

DC Inverter+® Heat Pump Split Outdoor Units

4 Models to Choose From (1.5~2.0 TR, 2.5~3.0 TR, 3.5~4.0 TR and 4.0~5.0 TR) 208~230VAC, 60Hz, 1Ø
(Also for export use with 200~240VAC, 50Hz, 1Ø)

Universal Match for All Standard Central Air Handling Units of Matching Capacity
(AHUs with ECM and TXV recommended to attain Best Efficiency and Performance)



STANDARD FEATURES

- AHRI® Certified and ETL® Listed (when used with standard matching AHU as a set)
- Ultra-High Cooling and Heating Efficiency
- Capacity Selector Switch to match a range of AHU Capacities
- Four Models to cover 1.5 Ton to 5 Ton Capacity Range
- Standard 24 VAC Low-Voltage Control Circuitry
- Compatible with any Standard Single Stage Heat Pump Wall Thermostat
- Latest Technology Full DC Inverter+ System Driver Set
- Variable Speed DC Inverter Compressor
- High Efficiency BLDC Fan Motor
- Self-Training Defrost Logic
- Led Diagnostics Display
- Permanently Lubricated Fan Motor with Ball Bearings
- Quiet And Powerful Axial Fan
- Whisper Quiet Operation
- Grooved Copper Tube, Hydrophilic Aluminum Fin Coil Structure
- Thermostatic Expansion Valve
- Modern Horizontal Discharge Small-Footprint Design
- Compact And Standardized Cabinet Designs
- Heavy-Gauge Zinc-Coated Galvanized-Steel Casing
- Durable Polyester-Urethane Electrostatic Paint
- Clean Looking Off White Color
- Plastic Coated Wire Fan Guard
- Multiple Power and Control Wiring Knockouts
- Sweat Type Brass Service Valves with Pressure Ports®
- Environmentally Friendly R410a Refrigerant
- Factory Charged For Up To 25' Line Set Application



Outdoor Unit Model Number			YH1824GHFD18R2	YH3036GHFD18R2	YH4248GHFD18R2	YH4860GHFD18R2
Cooling	Capacity (Range)	Btu/h	24000 (6700~26000)	36000 (11800~36800)	48000 (18300~52000)	56000 (18300~59400)
	EER	Btu/h.W	10.9	9.55	10.2	8.55
	SEER	Btu/h.W	18	18	18	17.5
Heating	Capacity (Range)	Btu/h	24000 (6700~26000)	36000 (8900~38200)	48000 (17600~52000)	56000 (17600~57500)
	HSPF	Btu/h.W	10	11	10	9.5
Compressor	Type		Twin ROTARY	Twin ROTARY	Twin ROTARY	Twin ROTARY
	Supplier		GMCC	GMCC	GMCC	GMCC
	Rated Current	A	9.45	9.45	15.39	15.39
	RLA	A	11	16.1	26	26.5
Outdoor Fan	Type		DC	DC	DC	DC
	Air Flow	CFM	1825	2350	3525	3525
Condenser Coil	Number of Rows		2	2	2	2
	Tube Outside Diameter	mm	7.94	7.94	7	7.94
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
	Minimum Circuit Ampacity	A	15	23	35	35
	Max. Overcurrent Protection		25	35	50	50
	Min/Max Volts		187 / 253	187 / 253	187/253	187 / 253
Outdoor Sound Level (Sound Power Level)		dB(A)	54	57	59	60
Outdoor Unit Dimensions	Dimension (W*H*D)	mm	860×670×310	950×840×340	950×1386×340	950×1386×340
		inch	33-7/8×26-3/8×12-1/4	37-3/8×33×13-3/8	37-3/8×54-5/8×13-3/8	37-3/8×54-1/2×13-3/8
	Packing (W*H*D)	mm	990×730×450	1110×920×460	1110×1530×460	1110×1530×460
		inch	39×28-3/4×17-3/4	43-3/4×36-1/4×18-1/8	43-3/4×60-1/4×18-1/8	43-3/4×60-1/4×18-1/8
	Net/Gross Weight	kg	51/55	67/72	103/115	114/126
		lbs	112/121	148/159	227/254	251/278