

# Split Air Handling Units AC/HP

**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 Air Conditioner / Heat Pump Outdoor Units of Matching Capacity



## STANDARD FEATURES

- AHRI® Certified and ETL® Listed (when used with standard matching ODU as a set)
- Ultra-High Cooling and Heating Efficiency
- Multi-Position, Field Convertible (Vertical, Horizontal, Downflow)
- Four Models to cover 1.5 Ton to 5 Ton Capacity Range
- Standard 24 VAC Low-Voltage Control Circuitry
- Compatible with any Standard Wall Thermostat
- Dual Electric Heater Racks to accept, 5, 7.5 and 10 KW Electric Heaters.
- High Efficiency ECM Fan Motor
- Self-Adjusting External Static Pressure Control
- Electronic 3 Speed Motor Controller (Speed control when matched with standard matching system Outdoor Unit)
- Permanently Lubricated Fan Motor with Ball Bearings
- Quiet And Powerful, precision matched Blower-Housing Set
- Whisper Quiet Operation
- Forward Curve Centrifugal Blower Wheel
- Grooved Copper Tube, Hydrophilic Aluminum Fin Coil Structure
- Thermostatic Expansion Valve
- Non Corroding Multi Position Drain Pan
- Compact And Standardized Cabinet Designs
- Thick Laminated Internal Insulation
- Heavy-Gauge Zinc-Coated Galvanized-Steel Casing
- Durable Polyester-Urethane Electrostatic Paint
- Standard 1 Inch Filter Rack with Access Door
- Clean Looking Dark Gray Color
- Plastic Coated Wire Fan Guard
- Multiple Power and Control Wiring Knockouts
- Sweat Type Pipe Connections
- Environmentally Friendly R410a Refrigerant
- Factory Charged For Up To 25' Line Set Application



Indoor Unit Model Number			DR024GHFD18HT2	DR036GHFD18HT2	DR048GHFD18HT2	DR060GHFD18HT2
Cooling	Capacity	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	Btu/h	24000 (6700~26000)	36000 (8900~38200)	48000 (17600~52000)	56000 (17600~57500)
	HSPF	Btu/h.W	10	11	10	9.5
Fan Motor	Type		ECM	ECM	ECM	ECM
	Rated HP		1/3	1/2	3/4	3/4
	Rated RPM	r/min	350~1400	350~1400	350~1400	350~1400
	RLA		2.4~2.6	3.6~3.8	5.0~5.4	5.0~5.4
Indoor Coil	Number of Rows		4	4	5	5
	Tube Outside Diameter and Type		Innergroove tube/7mm	Innergroove tube/7mm	Innergroove tube/7mm	Innergroove tube/7mm
	Fin Spacing/Type	mm/mm	1.4/Hydrophilic Aluminium	1.4/Hydrophilic Aluminium	1.5/Hydrophilic Aluminium	1.5/Hydrophilic Aluminium
	Tube Pitch(a)x Row Pitch(b)	mm	21/13.6	21/13.6	21/13.6	21/13.6
Indoor Air Flow		CFM	800	1120	1588	1706
Indoor Sound Level (Sound Power Level)		dB(A)	55	57	64	65
Throttle Type	Throttle type		TXV	TXV	TXV	TXV
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		3.3	4.8	6.8	6.8
	Max. Overcurrent Protection		10	10	15	15
	Min/Max Volts		187 / 253	187 / 253	187 / 253	187 / 253
Indoor Unit	Dimension (W*H*D)	mm	500×1170×550	500×1170×550	560×1370×610	560×1370×610
		inch	19-5/8 × 46-1/8 × 21-5/8	19-5/8 × 46-1/8 × 21-5/8	22×53-7/8 × 24	22×53-7/8 × 24
	Packing (W*H*D)	mm	570×1260×645	570×1260×645	640×1410×710	640×1410×710
		inch	22-1/2×49-5/8×25-3/8	22-1/2×49-5/8×25-3/8	25-1/4×55-1/2×28	25-1/4×55-1/2×28
	Net/Gross Weight	kg	61.5/72	63.5/74	85/97	85/97
lbs		135.5/158.6	140/163.1	187.2/214	187.2/214	
Refrigerant System	Liquid Side/ Gas Side	inch	3/8 / 5/8	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
	Factory Charge R410A	oz	70.5	98.7	142.9	142.9
Operating Temperatures	Cooling	°F	5~122	5~122	5~122	5~122
	Heating	°F	-13-75	-13-75	-13-75	-13-75
Maximum Line Length		Feet	164	246	246	246
Maximum Elevation Difference		Feet	98	98	98	98