

Hi-ULTRA **HD** SERIES 454B REFRIGERANT

Horizontal Discharge Ducted Heat Pump/AC

10 YEAR PARTS
LIMITED WARRANTY*

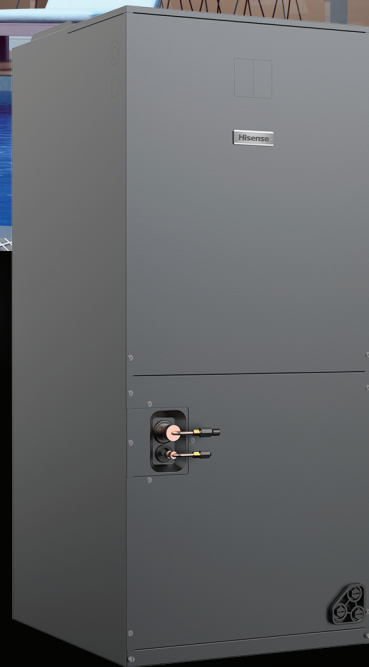
2 YEAR LABOR
LIMITED WARRANTY*

2 YEAR UNIT REPLACEMENT
LIMITED WARRANTY*

*Requires registration - some restrictions apply



Hisense



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Specifications

Model			2T	3T	4T	5T
Indoor Model			AHU-24U3T24	AHU-36U3T24	AHU-48U3T24	AHU-60U3T24
Outdoor Model			AOH-24U3T25U	AOH-36U3T25U	AOH-48U3T25U	AOH-60U3T25U
25C Tax Credit			Yes	Yes	Yes	NO
ENERGY STAR Cold Climate Compliant			Yes	NO	NO	NO
Power supply		V/ph/Hz	208~230/1/60			
Cooling	Rated Capacity	Btu/h	24000	35000	48000	54000
	Capacity(min-max)	Btu/h	6000-24600	11000-36500	14000-48600	14000-54000
	Current	A	10.5	16.8	22	27.5
	SEER2	Btu/h/w	18	17.5	18	17
	EER2	Btu/h/w	10	9.8	10	8.8
Heating	Rated Capacity @ 47°F	Btu/h	24000	36000	48000	55000
	Capacity (min-max)	Btu/h	3750-25500	6100-39400	7490-49300	7490-57300
	Maximum Heating Capacity @5F	Btu/h	18000	22000	35000	36000
	HSPF2	Btu/h/w	9	9	9	8.5
	COP2	Btu/h/w	3.67	3.69	3.74	3.54
ESP	Rated	In.W.C.(Pa)	0.58 (145)	0.58 (145)	0.58 (145)	0.58 (145)
	Range	In.W.C.(Pa)	0-0.8 (0-200)	0-0.8 (0-200)	0-0.8 (0-200)	0-0.8 (0-200)
Indoor noise level		dB(A)	55	57	57	57
Throttle type			TXV			
Indoor unit		Dimension (WxHxD)	inch 19-5/8 × 46-1/8 × 21-5/8	inch 19-5/8 × 46-1/8 × 21-5/8	inch 22×53-7/8 ×24	inch 22×53-7/8 ×24
Outdoor noise level (sound pressure)		dB(A)	56	58	62	62
Outdoor unit		Dimension (WxHxD)	inch 33-7/8 ×26-3/8 ×12-1/4	inch 35-3/8×29-1/2×13-3/8	inch 43-1/4×34-1/2×17-3/4	inch 43-1/4×34-1/2×17-3/4
Refrigerant piping	Liquid side/ Gas side		inch (mm) 3/8"/5/8"(Φ9.52/Φ15.88)	inch (mm) 3/8"/5/8"(Φ9.52/Φ15.88)	inch (mm) 3/8"/3/4"(Φ9.52/Φ19.05)	inch (mm) 3/8"/3/4"(Φ9.52/Φ19.05)
	Max. pipe length		ft 98	ft 115	ft 131	ft 131
	Max. difference in level		ft 66	ft 82	ft 98	ft 98
Operating temperature range	Cooling	°F	5 / 115	5 / 115	5 / 115	5 / 115
	Heating	°F	-10 / 75	-10 / 75	-10 / 75	-10 / 75

Features

- **Compact and Slim Side Discharge Design**
 - Easy transport and installation
 - Reduced space requirements in yard or porch
 - Reduced warehouse and inventory space
 - Easily raised or mounted on wall for additional clearance from snow and flooding
- **R454b Low GWP Refrigerant**
 - Reduced Global Warming Potential and Superior Heating Capacity
- **Flexible Universal Replacement Solution**
 - w/ Hisense AHU, Coil Only + Furnace, or 3rd Party Coils and AHUs.
 - Use existing line sets and 24v controls/wiring
- **24V Thermostat Connection**
 - No adapter or proprietary controls required
 - Connect to all 24V thermostats (ex: Nest, Ecobee, Honeywell) or Hisense Smart Thermostat
- **Up to 18 SEER2 / 10 EER2 / 9 HSPF2 for 25C Tax Credits & Cost Savings**
- **Low Temperature Heating: -10°F (-23°C) to 75°F (24°C)**
 - Maintains high heating capacity below 5°F
 - Built-in condenser base pan heater and crank case heater
- **High Temperature Cooling: 5°F (-15°C) TO 115°F (68°C)**
 - Maintains high capacity at 110°F
- **Quiet Operation: As Low as 56dB on ODU**
- **Up to 0.8" WC Maximum ESP**
- **Multiple Refrigerant Leak Alarms**
 - Indoor A2L leak sensor on AHU
 - Outdoor shutoff and alarm for pressure drop



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