

Hisense

Hi-PRO

HD
SERIES

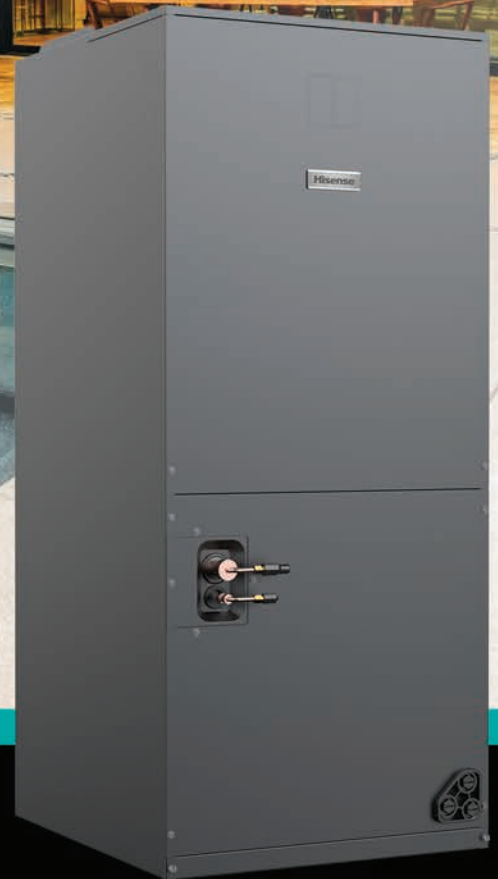
454B
REFRIGERANT

10 YEAR
PARTS*
LIMITED WARRANTY

2 YEAR
LABOR*
LIMITED WARRANTY

Horizontal Discharge

Ducted Heat Pump/AC



www.HisenseComfort.com

Hisense

Hi-PRO **ID** **454B**
SERIES



Specifications

Model			2T	3T	4T	5T
Indoor Model			AUH-2424	AUH-3624	AUH-4824	AUH-6024
Outdoor Model			AUWR-2424P	AUWR-3624P	AUWR-4824P	AUWR-6024P
Energy Star Compliant			Yes	Yes	Yes	Yes
Cold Climate Energy Star Compliant			Yes	Yes	Yes	Yes
Power supply		V/ph/Hz	208~230/1/60			
Cooling	Capacity	Btu/h	24000	32000	48000	57000
	Capacity(min-max)	Btu/h	10500-33000	13000-41000	22000-60000	22000-63500
	SEER2	Btu/h/w	20	19.5	19	19
	EER2 at 95°F	Btu/h/w	12.00	11.70	#VALUE!	11.00
Heating	Capacity	Btu/h	24000	34000	48000	56000
	Capacity(min-max)	Btu/h	11700-37000	12600-54000	19800-59000	19800-63000
	Capacity(Heating at -5 °F)	Btu/h	20500	30000	36000	42000
	HSPF2	Btu/h/w	10	11	9	9
			0.85	0.88	0.75	0.75
	COP2 at 47°F	Btu/h/w	14.13	12.97	12.62	12.45
Thermostat type			Common 24V thermostat			
Indoor air flow Rated		CFM	800	1120	1706	1706
ESP	Rated	ln.W.C.(Pa)	0.58 (145)	0.58 (145)	0.58 (145)	0.58 (145)
	Range	ln.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 (Hi)		dB(A)	55	57	57	57
Throttle type			TXV			
Indoor unit	Dimension (WxHxD)	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
Drainage water pipe diameter		inch	3/4"	3/4"	3/4"	3/4"
Outdoor noise level (sound pressure) Hi		dB(A)	58	60	62	62
Refrigerant type/Quantity			R454B/88.2 oz	R454B/88.2 oz	R454B/88.2 oz	R454B/88.2 oz
Outdoor unit	Dimension (WxHxD)	mm	900×750×340	1100×875×450	975x1460x330	975x1460x330
		inch	35-3/8×29-1/2×13-3/8	43-1/4×34-1/2×17-3/4	38-3/8x57-1/2x13	38-3/8x57-1/2x13
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ19.05(3/8'/3/4')	Φ9.52/Φ22.22(3/8'/7/8')	Φ9.52/Φ22.22(3/8'/7/8')
	Max. pipe length	ft(m)	131(40)	148(45)	246(75)	246(75)
	Max. difference in level	ft(m)	98(30)	98(30)	98(30)	98(30)
Operating Cooling temperature range	Cooling	oF(oc)	5-125(-15~52)	5-125(-15~52)	5-125(-15~52)	5-125(-15~52)
	Heating	oF(oc)	-13-75(-25~24)	-13-75(-25~24)	-13-75(-25~24)	-13-75(-25~24)

Features

- R454B Refrigerant System - EPA Low GWP Compliant Product Compact side discharge condensing unit with multi position air handler
- Hisense Extreme Heat - up to 88% of 8.3°C (47°F) Rated Capacity available at -20 °C (5°F)
- ENERGY STAR and CEE North and South Tax Credit Eligible
- NEEP Listed and Certified to CEE Performance as a Cold Climate Heat Pump
- Achieve up to 100% capacity at 110° (standard maximum operating range of 122°) and Heating Operation to as low as -25°C (-13°F)
- Improved indoor comfort by activating different compressor frequencies and indoor airflow modes for precise and intelligent control.
- Quiet Operation: As Low as 54dB on ODU
- Base Pan Electric Heater Installed
- Anti corrosion heat exchanger for extended life and increase performance
- Up to 0.8" WC Maximum ESP
- Tested and Rated to AHRI 210/240-2023
- Multiple Refrigerant Leak Alarms available: Indoor A2L leak sensor on AHU and Outdoor shutoff and alarm for pressure drop
- Connect to all 24V thermostats (Nest, Ecobee, Honeywell) or Hisense Smart Thermostat with no adapter required



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