

inverter expert

Hisense

Variable Capacity Inverter Compressor



2 TON



3 TON









5 TON

Multi Position AHU—Horizontal Discharge Outdoor Units

- **Flexible Replacement Solution**
- **Up to SEER18,HSPF9 / Energy Saving & Cost Saving**
- **Low temperature heating: -25°C (-13°F)**
- **Low temperature cooling: -15°C (5°F)**
- **Condenser base heater**
- **Pressure sensor control for accurate capacity control**
- **Slim design and Side discharge outdoor unit**
- **54dB as Lowest Sound Level on outdoor unit**
- **200Pa(0.8"WC) Maximum ESP**
- **Only three ODU models cover from 18KBtu/h to 60KBtu/h**
- **Can be connected to a universal 24V thermostat**
- **Long connection pipe: 75m(246ft) for length, 30m(98ft) for height**
- **Electric Auxiliary Heater Kits**

-25°C Cold Weather Heat Pumps for the Canadian Climate

Specifications

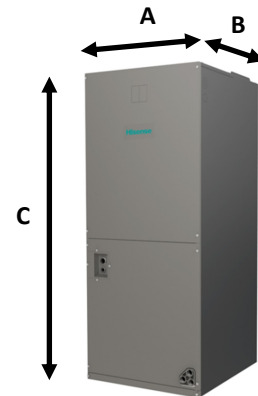
Indoor				
Outdoor				
Model		2 TON	3 TON	5 TON
Indoor model		AUH-24UX3SDH1	AUH-36UX3SDH1	AUH-60UX3SEH1
Outdoor model		AUWR-24U3SF1	AUWR-36U3SA1	AUWR-60U3SP1
Type		Central Ducted	Central Ducted	Central Ducted
Power supply		V/ph/Hz	208-230/1/60	208-230/1/60
Cooling	Capacity	Btu/h	24000	36000
	Capacity(min-max)	Btu/h	6700-26000	11800-36800
	Capacity(min-max)	W	2227-7327	2814-10697
	Input	W	2200	3730
	Current	A	9.6	16.5
	SEER	Btu/ (W.h)	18	18
	EER	Btu/ (W.h)	10.90	9.55
Heating	Capacity	Btu/h	24000	36000
	Capacity(min-max)	Btu/h	6700-26000	8900-38200
	Capacity heating(Rated) @ 47°F	Btu/h	24000	36000
	Capacity heating(Rated) @ 17°F	Btu/h	15300	25000
	Input	W	2000	3200
	Current	A	8.7	14.1
	HSPF	Btu/ (W.h)	10	11
COP	W/W	3.5	3.3	
COP	Btu/ (W.h)	11.95	11.26	
Moisture removal	L/h	2.2	4.5	7.50
	Pts/h	4.64	9.5	15.80
Min. ampacity	A	outdoor 15,indoor 3.3	outdoor 23,indoor 4.8	Outdoor 35/Indoor 6.8
Max. td fuse/ breaker *	A	outdoor 25,indoor 15	outdoor 35,indoor 15	Outdoor 60/ Indoor15
Power cable	No. x AWG	outdoor 3x12,Indoor 3x14	outdoor 3x10,Indoor 3x14	outdoor 3x8,Indoor 3x14
Communication cable	No. x AWG	4x18	4x18	4x18
Thermostat type		24V thermostat	24V thermostat	24V thermostat
Indoor fan motor (Multi speed ECM)	Qty	1	1	1
	Output	HP	1/3	3/4
	RLA	A	2.4-2.6	3.6-3.8
	Speed	r/min	350-1400	350-1400
Indoor air flow Rated	m ³ /h	1450	1600	2900
Indoor air flow Rated	CFM	852	941	1706
ESP	Rated	In.W.C.(Pa)	0.18 (45)	0.228 (57)
	Range	In.W.C.(Pa)	0-0.8 (0-200)	0-0.8 (0-200)
Indoor noise level (Hi)	dB(A)	56	56	65
Expansion Device		TXV	TXV	TXV
Indoor unit	Dimension (WxHxD)	mm	500×1170×550	500×1170×550
		inch	19 5/8 × 46 × 21 5/8	19 5/8 × 46 × 21 5/8
	Packing(WxHxD)	mm	570×1260×645	570×1260×645
		inch	22-1/2×49-5/8×25-3/8	22-1/2×49-5/8×25-3/8
	Net weight	kg	61.5	63.5
		lbs	135.5	140
Shipping Weight	kg	72	74	
	lbs	158.6	163.1	
Condensate drainage water pipe diameter	inch	3/4"	3/4"	
Outdoor fan motor	Qty	1	1	
	Output	W	60	
	Speed (Hi)	r/min	880	
Outdoor air flow	m ³ /h	3100	3800	
Outdoor air flow	CFM	1826	2235	
Outdoor noise level (sound pressure) Hi	dB(A)	54	56	
Outdoor throttle type		EEV	EEV	
Compressor	Type	Twin ROTARY	Twin ROTARY	
	Capacity	Btu/h	26085	
	Input	W	2080	
	Rated current(RLA)	A	9.45	
Refrigerant type/Quantity	Type	R-410A	R-410A	
	REFRIGERANT CHARGE	oz(kg)	70.5(2.0)	
	FACTORY PRECHARGE	ft (m)	25 (7.6)	
	Additional charge for each ft	oz/ft	0.38	
Outdoor unit	Dimension(WxHxD)	mm	860×670×310	
		inch	33-7/8×26-3/8×12-1/4	
	Packing(WxHxD)	mm	990×730×450	
		inch	39×28-3/4×17-3/4	
	Net weight	kg	51	
		lbs	112.4	
Shipping Weight	kg	55		
	lbs	121.3		
Design pressure	H/L	MPa	3.8/1.6	
		PSIG	550/240	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.88(3/8"/5/8")	
	Max. pipe length	m	50	
	Max. difference in level	ft	164	
		m	30	
Operating temperature range	Cooling	°F	5-118	
		°C	-63	
	Heating	°F	-13-75	
		°C	-25 - 24	

Auxiliary Electric Heat Kits

Compatible AHU Model	Auxillary Heater Kit					
	Heater Capacity	5 KW	7.5 KW	10 KW	15 KW	20 KW
	Kit #	21-4245-01	21-4245-02	21-4245-03	21-4245-04	21-4245-04
AHU-24UX3SDH1		Yes	Yes	Yes	-	-
AHU-36UX3SDH1		Yes	Yes	Yes	-	-
AHU-60UX3SEH1		Yes	Yes	Yes	Yes	Yes

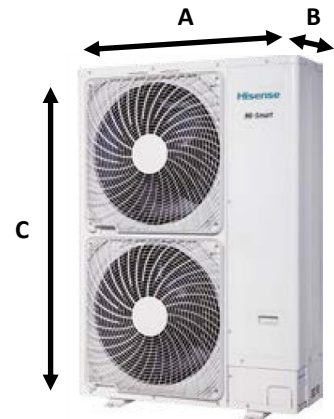
Dimensions AHU

Dimension Inch (mm)	AHU-24UX3SDH1	AHU-36UX3SDH1	AHU-60UX3SEH1
A	19-5/8" (500mm)	19-5/8" (500mm)	22" (560 mm)
B	21-5/8" (550mm)	21-5/8" (550mm)	24" (610mm)
C	46" (1,170mm)	46" (1,170mm)	53-7/8" (1,370mm)



Dimensions Outdoor Unit

Dimension Inch (mm)	AUWR-24U3SF1	AUWR-36U3SA1	AUWR-60U3SP1
A	33-7/8" (860mm)	37-3/8" (950mm)	37-3/8" (950mm)
B	12-1/4" (310mm)	13-3/8" (340mm)	13-3/8" (340mm)
C	26-3/8" (670mm)	33" (840mm)	54-5/8" (1,386mm)



Warranty:

Compressor 5 Years Parts Only

Parts.....5 Years Parts Only



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Distributor of Quality HVAC Products

Specifications subject to change without notice