

AHU Connection KIT

The Hisense AHU-kit integrates external heat exchangers of Air-handling units (AHU) into a Hisense VRF system to provide more flexible air conditioning solutions.

Main Function

- ON/OFF Control
- Temperature Setting
- Capacity Demand
- Operation Mode

— Communication wire — Sensor signal — Refrigerant pipe



*The wired controller HYXE-VA01A is standard.

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AHU kit can provide 3 kinds of control type for AHU application: Inlet air temperature control, outlet air temperature control and duty signal control.

Capacity Control Mode	Set Temperature by Remote Controller	Set ODU Capacity Range
Inlet Air (room air) Temperature Control	Cooling: 16~32 °C Heating: 16~32 °C	—
Outlet Air Temperature Control		
Duty Signal Control (0~10V or 0~5V or 4~20mA)	—	15%~100%

AHU Connection KIT		HZX-2 BEJ	HZX-4 BEJ	HZX-6 BEJ	HZX-10 BEJ	HZX-20 BEJ					HZX-30 BEJ						
Power Supply		AC 1Φ, 220V~240V/50Hz/60Hz															
Nominal Capacity of AHU	kBtu/h	19	36	54	76	96	114	132	154	170	190	212	232	250	272	287	
Allowed Heat Exchanger Capacity (H/M/L)	Cooling	kW	5.6	11.2	16.0	22.4	28.0	33.5	40.0	45.0	50.0	56.0	61.5	69.0	73.0	80.0	85.0
		kW	5.0	9.0	14.0	20.0	25.0	30.0	35.0	43.0	48.0	52.0	58.0	65.0	71.0	76.0	82.0
		kW	4.0	7.1	11.2	16.0	20.0	28.0	33.5	40.0	45.0	50.0	56.0	61.5	69.0	73.0	80.0
	Heating	kW	7.1	12.5	18.0	25.0	31.5	37.5	45.0	50.0	56.0	63.0	69.0	77.5	82.5	90.0	95.0
		kW	5.6	10.0	16.0	22.4	28.0	33.5	40.0	47.5	53.0	60.0	66.0	75.0	79.0	86.0	92.0
		kW	4.5	8.0	12.5	17.9	22.4	31.5	37.5	45.0	50.0	56.0	63.0	69.0	77.5	82.5	90.0
Heat Exchanger Volume	Min	dm ³	0.57	1.03	1.92	2.92	3.89	4.76	5.85	6.79	7.57	8.47	9.04	9.50	10.39	11.39	12.36
	Max	dm ³	1.16	2.37	2.92	3.89	4.76	5.91	6.89	8.00	8.92	9.97	11.13	12.34	12.89	13.86	14.73
Equivalent Indoor Unit Capacity	kBtu/h	19	36	54	76	96	114	132	154	170	190	212	232	250	272	287	
Net Weight	kg	7.1	7.1			7.2					9.2						
Gross Weight	kg	11.7	11.8			11.9					15.4						
Package Dimension (H×W×D)	mm	350×510×450										460×510×450					
Control Box	Model	HZX-BEJ/1															
	Outer Dimension(H×W×D)	112×419×349															
Expansion Valve Box	Model	HZX-2 BEJ/2	HZX-4 BEJ/2	HZX-6 BEJ/2	HZX-10 BEJ/2	HZX-20 BEJ/2					HZX-30 BEJ/2 (2 sets)						
	Outer Dimension(H×W×D)	61×437×166										61×437×166(2 sets)					

Operation conditions		Cooling	Heating
Indoor air inlet temperature	DB	27.0°C	20.0°C
	WB	19.0°C	—
Outdoor air inlet temperature	DB	35.0°C	7.0°C
	WB	—	6.0°C

DB: dry bulb; WB: wet bulb
Pipe Length: 7.5m; pipe height: 0m