

EXPERIENCE THE
ALLIANCE
DIFFERENCE

Alliance HSP Ducted Range

NON-INVERTER

· FOUH76A · FOUH96A · FOUH120
· FOUH150A · FOUH205A

- High Static Pressure hideaway units
- High-capacity cooling/heating
- Indoor airflow up to 10 800 m³/h
- Alliance quality at a competitive price
- Backed nationwide by Fourways Group



Alliance

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Ducted HSP Range

- FOUH76A · FOUH96A · FOUH120A
- FOUH150A · FOUH205A (Non-inverter)

Suitable primarily for large-scale commercial and industrial applications, Alliance's HSP Ducted range ensures adequate airflow even via lengthy ducting. With airflow as high as 10 800 m³/h, these new Alliance ducts ensure that large areas are effectively cooled/heated. Sold and supported by Fourways Group nationwide.



Indoor unit model			FOUH76A	FOUH96A	FOUH120A	FOUH150A	FOUH205A
Indoor unit power supply			220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz	220-240V, 1Ph~, 50Hz
Cooling	Capacity	Btu/h	75100	96000	120000	150100	192000
		kW	22	28.1	35.0	44.0	56.3
	Input	kW	7.5	9.6	11.9	16.3	22.0
	EER	W/W	2.93	2.93	2.94	2.70	2.56
Heating	Capacity	Btu/h	85000	106000	129700	160300	200000
		kW	25.0	31.1	38.0	47.0	58.6
	Input	kW	8.3	10.3	12.7	15.7	19.3
	COP	W/W	3.01	3.02	2.99	2.99	3.04
Max. power input		W	1,300	1.4	2,000	2,730	4,690
Max. current		A	5.2	5.8	9.0	12.1	20.9
Air flow (Hi)		m ³ /h	4250 (2,500CFM)	5100 (3,000CFM)	6375 (3,750CFM)	8500 (5,000CFM)	10800 (6,350CFM)
Standard external static pressure		Pa	196	100	100	196	196
Noise level (Hi)		dB(A)	58	56	63	63	65
Fan	Type	Centrifugal					
	Drive type	Direct					
Coil		Copper tube and aluminum fin					
Wired Controller		KJR-29B1/BK-E					
Dimension	Net (WxHxD)	mm	1,452x462x797	1,452x462x716	1,452x462x797	1,988x669x906	1,988x669x906
	Packing (WxHxD)	mm	1,555x500x875	1,555x500x875	1,555x500x875	2,095x800x964	2,095x800x964
Net / Gross weight		kg	94 / 106	97 / 109	97 / 109	208 / 220	215 / 230

Outdoor unit model			FOUH76AX	FOUH96AX	FOUH120AX	FOUH150AX	FOUH205AX
Outdoor unit power supply			380-415V, 3Ph~, 50Hz	380-415V, 3Ph~, 50Hz	380-415V, 3Ph~, 50Hz	380-415V, 3Ph~, 50Hz	380-415V, 3Ph~, 50Hz
Max. power input		kW	11.7	14.4	17.3	26.9	32.2
Max. current		A	19.3	23.7	28.6	47.9	53.8
Air flow rate		m ³ /h	12,500	12,500	12,500	16,000	16,000
Noise level		dB(A)	68	68	69	70	73
Compressor (Type / Quantity)			Scroll / 1	Scroll / 1	Scroll / 1	Scroll / 3	Scroll / 3
Refrigerant (Type / Quantity)			R410A / 5.4kg	R410A / 6.0kg	R410A / 7.5kg	R410A / 10.0kg	R410A / 11.8kg
Fan type / Drive type			Axial / Direct				
Coil			Copper tube and aluminum fin				
Refrigerant piping size		mm	Φ9.52 (Liquid), Φ22 (Gas)	Φ12.7 (Liquid), Φ25 (Gas)	Φ12.7 (Liquid) Φ28.6 (Gas)	Φ16 (Liquid), Φ32 (Gas)	Φ16 (Liquid), Φ35 (Gas)*
Ambient temperature	Cooling	°C	17~46	17~52	17~46	17~46	17~46
	Heating	°C	-7~24	-7~24	-7~24	-7~24	-7~24
Dimension	Body (WxHxD)	mm	1,260x908x700	1,312x919x658	1,260x908x700	1,250x1,615x765	1,390x1,615x765
	Packing (WxHxD)	mm	1,320x1,060x730	1,320x1,060x730	1,320x1,060x730	1,305x1,790x820	1,455x1,790x830
Net / Gross weight		kg	174 / 193	177 / 192	201 / 217	288 / 308	320 / 336

Alliance reserves the right to discontinue or change specifications at any time without notice and without incurring obligation. E&OE.

Alliance

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