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**ALLIANCE**  
**DIFFERENCE**

# Alliance HSP Inverter Ducted Range **INVERTER**

· FOUHI-76B · FOUHI-96B  
· FOUHI-150B · FOUHI-205B

- High Static Unit
- Energy-efficient
- Wired Remote
- Dry-Contact on/off
- Backed nationwide by Fourways Group



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# HSP Inverter Ducted Range

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With high energy efficiency combined with Alliance quality, these Inverter hideaway units represent excellent value for money. COPs as high as 4.2 and EERs of 3.23 plus indoor airflows of up to 9550 m<sup>3</sup>/h ensure that this Alliance Ducted range is ideal for large-scale commercial and industrial applications. Sold and supported by Fourways Group nationwide.



Indoor unit model			FOUHI-76B	FOUHI-96B	FOUHI-150B	FOUHI-205B
Indoor unit power supply			220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz
Cooling	Capacity	kBtu/h	76.4	88.7	153.5	191.1
		kW	22.4	26	45	56
	Input	kW	7.20	11.3	21	28
		EER	W/W	3.11	2.3	3.5
Heating	Capacity	kBtu/h	89.6	102.3	153.5	191.1
		kW	24.5	30	50	63
	Input	kW	6.6	10	21	28
		COP	W/W	3.17	3	4.20
Max. power input		W	850	2600	2700	3400
Max. current		A	4.5	5.8	13.5	15.5
Air flow (H/M/L)		m <sup>3</sup> /h	3000~4800	4400~5100	7472/6072/4995	9550/7950/6600
Standard external static pressure		Pa	0 ~ 150	50~200	200 (50~280)	200 (50~280)
Noise level (H/M/L)		dB(A)	49~52	52~56	61/59/56	61/56/51/46
Fan	Type	Centrifugal				
	Drive type	Direct				
Coil		Copper tube and aluminum fin			Copper Tube and hydrophilic aluminum	
Wired Controller		KJR-29B1/BK-E			WDC86E/KD/120G	
Refrigerant pipe	Liquid		Φ9.52	Φ9.53	Φ15.9	Φ15.9
	Gas		Φ25.4	Φ22.2	Φ28.6	Φ28.6
Dimension	Net (WxHxD)	mm	470x512x775	1366x450x722	1970/668/902.5	1970/668/902.5
	Packing (WxHxD)	mm	1555x545x875	1555x500x875	2095x800x964	2095x800x964
Net / Gross weight		kg	83 / 92	85/94	203/233	203/233

Outdoor unit model			FOUHI-76BX	FOUHI-96D/FSX	FOUHI-150BX(V6)	FOUHI-205BX(V6)
Outdoor unit power supply			380-415V~, 3Ph, 50Hz	380-415V~, 3Ph, 50Hz	380-415V~, 3Ph, 50Hz	380-415V~, 3Ph, 50Hz
Max. power input		kW	11.1	12.4	12.9	16
Max. current		A	15	24.1	33.1	45.9
Noise level		dB(A)	58	60	61	63
Air flow		m <sup>3</sup> /h	9400	11000	13000	17000
Compressor	Type	Rotary				
	Quantity		1	1	1	2
Refrigerant	Type	R410A				
	Quantity	Kg	7.2	6	13	17
Fan type			Axial fan	Axial fan	Propeller	Propeller
Coil		Copper tube and aluminum fin				
Refrigerant pipe	Liquid	inch	Φ9.52(3/8)	Φ9.52(3/8)	Φ15.9(5/8)	Φ19.1(3/4)
	Gas	inch	Φ28.6(2 1/8)	Φ22(7/8)	Φ31.8(2 1/4)	Φ31.8(2 1/4)
Ambient temperature	Cooling	°C	-15~48	10~55	-5~54	-5~54
	Heating	°C	-15~24	-15~27	-25~24	-25~24
Dimension	Body (WxHxD)	mm	1 120x1 558x528	1 120x1 558x400	1 340x1 635x850	1 340x1 635x825
	Packing (WxHxD)	mm	1 270x1 720x565	1 270x1 575x480	1 405x1805x910	1 405x1805x910
Net / Gross weight		kg	147 / 163	142/164	277/304	344/364

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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