

EXPERIENCE THE
ALLIANCE
DIFFERENCE

Alliance HSP Ducted Range

NON-INVERTER

· FOUH120A · 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

· 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 | | | FOUH120A | FOUH150A | FOUH205A |
|-----------------------------------|-----------------|------------------------------|----------------------|----------------------|----------------------|
| Indoor unit power supply | | | 220-240V, 1Ph~, 50Hz | 220-240V, 1Ph~, 50Hz | 220-240V, 1Ph~, 50Hz |
| Cooling | Capacity | Btu/h | 120,000 | 150,100 | 192,000 |
| | | kW | 35.0 | 44.0 | 56.3 |
| | Input | kW | 11.9 | 16.3 | 22.0 |
| | EER | W/W | 2.94 | 2.70 | 2.56 |
| Heating | Capacity | Btu/h | 129,700 | 160,300 | 200,000 |
| | | kW | 38.0 | 47.0 | 58.6 |
| | Input | kW | 12.7 | 15.7 | 19.3 |
| | COP | W/W | 2.99 | 2.99 | 3.04 |
| Max. power input | | W | 2,000 | 2,730 | 4,690 |
| Max. current | | A | 9.0 | 12.1 | 20.9 |
| Air flow (Hi) | | m ³ /h | 6,375 (3,750CFM) | 8,500 (5,000CFM) | 10,800 (6,350CFM) |
| Standard external static pressure | | Pa | 100 | 196 | 196 |
| Noise level (Hi) | | dB(A) | 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 | 1,988x669x906 | 1,988x669x906 |
| | Packing (WxHxD) | mm | 1,555x500x875 | 2,095x800x964 | 2,095x800x964 |
| Net / Gross weight | | kg | 97 / 109 | 208 / 220 | 215 / 230 |

| Outdoor unit model | | | FOUH120AX | FOUH150AX | FOUH205AX |
|-------------------------------|-----------------|-------------------|-------------------------------|----------------------------|-----------------------------|
| Outdoor unit power supply | | | 380-415V, 3Ph~, 50Hz | 380-415V, 3Ph~, 50Hz | 380-415V, 3Ph~, 50Hz |
| Max. power input | | kW | 17.3 | 26.9 | 32.2 |
| Max. current | | A | 28.6 | 47.9 | 53.8 |
| Air flow rate | | m ³ /h | 12,500 | 16,000 | 16,000 |
| Noise level | | dB(A) | 69 | 70 | 73 |
| Compressor (Type / Quantity) | | | Scroll / 1 | Scroll / 3 | Scroll / 3 |
| Refrigerant (Type / Quantity) | | | 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 | Φ12.7 (Liquid) Φ28.6 (Gas) | Φ16 (Liquid), Φ32 (Gas) | Φ16 (Liquid), Φ35 (Gas)* |
| Ambient temperature | Cooling | °C | 17~46 | 17~46 | 17~46 |
| | Heating | °C | -7~24 | -7~24 | -7~24 |
| Dimension | Body (WxHxD) | mm | 1,260x908x700 | 1,250x1,615x765 | 1,390x1,615x765 |
| | Packing (WxHxD) | mm | 1,320x1,060x730 | 1,305x1,790x820 | 1,455x1,790x830 |
| Net / Gross weight | | kg | 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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