

# Alliance

## R410A Ducted Inverter Range:

96 000, 150 000 &  
205 000 Btu/h (High Static Pressure)



- High-capacity cooling/heating from 96 000 to 205 000 Btu/h
- High-efficiency DC Inverter compressor and DC motor ensure Inverter economy with maximum electricity savings
- Eco-friendly R410A gas
- Compact dimensions for installation in confined areas
- Standard air inlet/outlet flanges for easy duct connection
- Indoor air flow up to 9550 m<sup>3</sup>/h (205 000 model)
- Sold and supported nationwide by Alliance

# R410A Ducted Inverter Range:

96 000, 150 000 & 205 000 Btu/h (High Static Pressure)

The Alliance HSP Ducted Inverter range offers high-capacity cooling/heating for large indoor areas such as conference halls, restaurants, office malls, or a number of different rooms in a hotel. A full-DC Inverter compressor plus DC motor ensures maximum electricity savings along with the eco-friendliness of R410A gas. High-volume indoor airflows of up to 9550 m<sup>3</sup>/h (205 000 model) allow larger projects to be undertaken at very competitive Alliance prices. A network of Alliance branches, backed by the nationwide support of Fourways Airconditioning South Africa, ensures full after-sales back-up.



## SPECIFICATIONS

INDOOR UNIT			MAC96HDIN	MAC150HDIN	MAC205HDIN
<b>Power supply</b>		<b>V-Ph-Hz</b>	220~240,1,50	220~240,1,50	220~240,1,50
<b>Cooling</b>	<b>Capacity</b>	<b>kW</b>	26.5	45	56.0
	<b>Input</b>	<b>W</b>	8200	2700	3400
	<b>Rated Current</b>	<b>A</b>	4.5	12.5	15.5
<b>Heating</b>	<b>Capacity</b>	<b>kW</b>	26,5	50.0	63.0
	<b>Input</b>	<b>W</b>	8000	2700	3400
	<b>Rated Current</b>	<b>A</b>		12.5	15.5
<b>Max. input consumption</b>		<b>W</b>	850	2700	3400
<b>Max. current</b>		<b>A</b>	4.5	13.5	15.5
<b>Indoor air flow</b>		<b>m<sup>3</sup>/h</b>	5000/4300/3700	7472/6072/4995	9550/7950/6600
<b>Indoor external static pressure (H)</b>		<b>Pa</b>	0~200	200 (50~280)	200 (50~280)
<b>Indoor sound level (H/M/L)</b>		<b>dB(A)</b>	56/-/-	61/59/56	63/60/57
<b>Indoor unit</b>	<b>Dimension (WxHxD)</b>	<b>mm</b>	1470x510x795	1970x668x902.5	1970/668/902.5
	<b>Packing (WxHxD)</b>	<b>mm</b>	1555x545x875	2095x800x964	2095x800x964
	<b>Net/Gross weight</b>	<b>kg</b>	83/92	232/245	235/250
<b>Refrigerant type</b>			R410A	R410A	R410A
<b>Refrigerant piping</b>	<b>Liquid/Gas</b>	<b>mm</b>	Ø12.7/28.6	Ø12.7/28.6 x 2	Ø15.9/28.6 x 2
OUTDOOR MODEL			MAC96HDINX	MAC150HDINX	MAC205HDINX
<b>Power supply</b>		<b>V-Ph-Hz</b>	380~415,3,50	380~415,3,50	380~415,3,50
<b>Cooling</b>	<b>Capacity</b>	<b>kW</b>	26.5	45.0	56.0
	<b>Power Input</b>	<b>kW</b>	8.2	14.0	17.0
	<b>EER</b>		3.23	3.21	3.3
<b>Heating</b>	<b>Capacity</b>	<b>kW</b>	26.5	50.0	63.0
	<b>Power Input</b>	<b>kW</b>	8	12.8	16.0
	<b>COP</b>		3.31	3.91	3.94
<b>Sound pressure level</b>		<b>dB(A)</b>	66	60	62
<b>Outdoor unit</b>	<b>Net dimension WxHxD</b>	<b>mm</b>	948x1585x968	1250x1615x765	1390x1615x765
	<b>Packing WxHxD</b>	<b>mm</b>	1010x1705x1000	1310x1790x825	1455x1790x830
	<b>Net/gross weight</b>	<b>kg</b>	231/256	325/345	360/375
<b>Refrigerant</b>	<b>Type</b>		R410A	R410A	R410A
	<b>Factory charge</b>	<b>kg</b>	10	15	17
<b>Design pressure (Hi/Lo)</b>		<b>MPa</b>	4.4/2.6	4.4/2.6	4.4/2.6
<b>Refrigerant piping</b>	<b>Liquid pipe</b>	<b>inch</b>	1/2	1/2	5/8
	<b>Gas pipe</b>	<b>inch</b>	1 1/8	1 1/8	1 1/8
<b>Ambient temp range</b>	<b>Cooling</b>	<b>°C</b>	15~48	15 - 48	15 - 48
	<b>Heating</b>	<b>°C</b>	-15~24	-20~24	-20~24

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

Proudly distributed by



Gauteng: (011) 704-6320  
 Pretoria: (012) 643-0445  
 Bloemfontein: 083 381 0074  
 George: 082 380 0708

Cape Town: (021) 556-8292  
 KZN: (031) 579-1895  
 Port Elizabeth: (041) 484-6413

