

EXPERIENCE THE
ALLIANCE
DIFFERENCE

Alliance Rooftop Models **INVERTER**

· FOURI26 · FOURI35 · FOURI50
· FOURI65 · FOURI85 · FOURI105

- 29kW to 108kW cooling
- Heat Pump
- 3 phase
- Suitable for installation on rooftop or ground
- Indoor airflow from 1221 l/s to 4583 l/s
- 2 Year warranty on the Compressor & 1 Year warranty on the Unit
- Backed by Fourways Group nationwide



Alliance

www.allianceafrica.co.za

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Alliance Rooftop Inverter Range

Alliance's new range of 5 different Rooftop models can be used in a wide range of industrial applications. Suitable for installation on rooftops or ground, their durable exterior panels pass the 1000-hour salt spray test. A multi-protection design of these Alliance units ensures system current protection, high/low pressure switch protection and temperature sensor on/off protection. A system self-diagnostic function and external service valves to provide convenient and fast/quick troubleshooting. As with all Alliance products, these Rooftop units are sold and supported by Fourways Group branches nationwide.



MODEL			FOURI26	FOURI35	FOURI50	FOURI60	FOURI85	FOURI105
Nominal Capacity	Cooling	kW	29.00	34.00	50.10	63.50	85.00	108.00
		Btu/h	98900	116000	170900	216700	290000	368500
	Heating	kW	32.00	39.00	56.00	75.00	92.00	128.00
		Btu/h	109200	133000	191100	255900	313900	436700
Sound Pressure Level (H/M/L)*		dB (A)	68	72	74	76	77	77
Air Flow Volume		L/S	1221	1610	2638	4164	4580	4583
Rated ESP		Pa	80	90	130	150	200	125
Power supply		V-Hz-Ph	380-415-50/60-3	380-415-50/60-3	380-415-50-3	380-415-50-3	380-415-50-3	380-415-50-3
Power Input	Cooling		9.0	13.5	23.0	28.5	32.0	43.0
	Heating		8.0	11.5	16.5	25.0	30.0	38.0
Refrigerant	Refrigerant Type	—	R410A	R410A	R410A	R410A	R410A	R410A
	Throttling Method	—	Electronic expansion valve/Electronic expansion valve					
	Charge	kg	8.0	10.0	12.0	16.0	25.0	14+14
Evaporator Fan motor	Quantity		2	2	1	2	2	1
	Diameter	inch	9.84-9.84	9.84-9.84	15.0-15.0	29.528-31.496	14.8-15.9	17.72-19.17
	Motor Drive Type		Direct Drive	Direct Drive	Belt	Belt	Belt	Belt
	Motor Speed	rpm	1200	1400	854	1035	1017	728
	Motor Power Output	HP	2.0	2.0	2.0	2.0	2.0	-
Compressor	Type		Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Scroll	Inverter Scroll
	Quantity		1	1	2	2	2	2
Operating Range		Cooling	18-52	18-52	18-52	18-52	18-52	18-52
		Heating	-10-24	-10-24	-10-24	-10-24	-10-24	-10-24
Weight	Net weight	kg	348.0	350.0	590.0	820.0	1157.0	1009.0
	Gross weight	kg	368.0	370.0	618.0	870.0	1201.0	1070.0

Notes:

1. Nominal cooling capacities are based on the following conditions: Indoor temp: 27°CDB, 19°CWB; Outdoor temp: 35°CDB, 24°CWB;
2. Nominal heating capacities are based on the following conditions: Indoor temp: 20°CDB, 15°CWB; Outdoor temp: 7°CDB, 6°CWB;
3. Equivalent refrigerant piping: 7.5m (horizontal).

Alliance

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