

EXPERIENCE THE
ALLIANCE
DIFFERENCE

Alliance Floor Standing

- Ideal for large open-plan areas, especially retail or commercial environments
- Heating/cooling
- Indoor airflow up to 5100 m³/h
- Eco-friendly gas R410A
- Low Noise
- Anti-rust Cabinet
- Backed nationwide by Fourways Group



Alliance

www.allianceafrica.co.za

fourways^o

Alliance Floor Standing

Alliance Floorstanding R410A units are ideal for the cost-effective climate control of large open-plan retail and commercial areas, including hotels and conference centres. Using eco-friendly gas and providing both heating and cooling, Alliance Floorstanding 60 000 unit is remote controlled and quiet in operation. Backed nationwide by Fourways Group with branches in all major metropolitan centres.

MODEL		FOUFS60	
Power supply		Ph-V-Hz	380-415V,3Ph,50Hz
Cooling	Capacity	W	16970
	Input	W	6500
	Rated current	A	11
	EER	W/W	2,61
Heating	Capacity	W	18171
	Input	W	5300
	Rated current	A	10
	COP	W/W	3,43
Max. input consumption		W	11900
Max. current		A	20
Starting current		A	9.85
Compressor	Model		C-SBN453H8D
	Type		SCROLL
	Brand		PANASONIC
	Capacity	W	16400/20300
	Input	W	5750/6750
	Rated current(RLA)	A	9.77/9.84
	Locked rotor Amp(LRA)	A	63/68
	Thermal protector		/
	Thermal protector position		INTERNAL
	Capacitor	µF	/
Indoor fan motor	Refrigerant oil/oil charge	ml	FV68S/1700
	Model		YKS-160-8-1-6
	Input	W	347.0
	Capacitor	uF	9
Indoor coil	Speed(Hi/Mi/Lo)	r/min	615/580/530
	a.Number of rows		3
	b.Tube pitch(a)x row pitch(b)	mm	25.4x22
	c.Fin spacing	mm	1.5
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ9.52,Inner groove tube
	f.Coil length x height x width	mm	485x813x66
	g.Number of circuits		6
Indoor air flow (Hi/Mi/Lo)		m3/h	2405/0/2000
Indoor noise level (Hi/Mi/Lo)		dB(A)	53.9/0/49.8
Indoor unit	Dimension(W*D*H)	mm	1934x600x455
	Packing (W*D*H)	mm	2080x755x605
	Net/Gross weight	Kg	67.5/88.3
Outdoor fan motor	Model		YKT-65-6-34L
	Input	W	162.0
	Capacitor	uF	3.5
	Speed	r/min	765
Outdoor coil	a.Number of rows		2.0
	b.Tube pitch(a)x row pitch(b)	mm	22x19.05
	c.Fin spacing	mm	1.6
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7.94,Inner groove tube
	f.Coil length x height x width	mm	837x1100x38.1
	g.Number of circuits		8
Outdoor air flow		m3/h	6500
Outdoor noise level		dB(A)	64.3
Outdoor unit	Dimension(W*D*H)	mm	900x350x1170
	Packing (W*D*H)	mm	1032x443x1307
	Net/Gross weight	Kg	98/107
Refrigerant type		Kg	R410A/3.2
Design pressure		MPa	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	12.7mm(1/2in)/19mm(3/4in)
	Max. refrigerant pipe length	m	50
	Max. difference in level	m	30
Connection wiring			1.5x5/0.75x3
Plug type			//no-plug
Thermostat type			Remote Control
Operation temperature		°C	17~30
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~30
	Outdoor(cooling/heating)	°C	18~43/-7~24
Application area (Cooling Standard)		m²	77~113



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

Note:

- The cooling (heating) capacity stated above is measured under following conditions conditions: Indoor Condition: 27°C-81°F - DB/19°C66°F WB; Outdoor Condition: 35°C-95.4°F - DB/24°C75.6°F WB, corresponding to standard external static pressure.
- Noise is tested in the semi-anechoic room, so it should be slightly higher in the actual operation due to environmental change.

Alliance

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