



Tel: [011] 681 3900
Fax: [011] 683 1338
Web: www.metroclark.co.za



Sapphire



Silent Efficiency



ADVANTAGES & BENEFITS

ECONO MODE

Save power by selecting "dry" mode. The unit operates as a de-humidifier, using less energy than cooling mode, reducing your energy bill.

ADVANCED AIRFLOW

With "auto swing", you can choose the best louver position for heating and cooling and distribute the air evenly around the room.

WHISPER QUIET

The new 3-dimensional screw fan ensures ample airflow at very low noise levels, while an added rib on the panel avoids uncomfortable airflow to people below.

ADVANCED TEMPERATURE CONTROL

Infra red remote controls come standard, with wired and group controls available as optional accessories.

FRESH AIR INTAKE

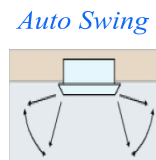
Knockout panels allow for the connection of air ducts, which will create a healthier, more comfortable indoor environment

AUTO RESTART

Automatically restores your settings after power failures have occurred. The unit will switch on automatically once power is restored and return to the previous user settings.

ULTRA THIN

Thin indoor casings allow units to be installed into very low ceiling voids



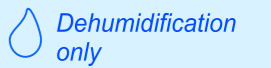
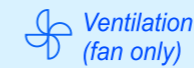
Remote Control



Wired Control



(Optional)



CASSETTE - TECHNICAL SPECIFICATION			42CAS-18H1	42CAS-24H1	42CAS-36H1	42CAS-48H1
INDOOR MODEL						
Power supply	V-ph-Hz		220~240-1-50	220~240-1-50	220~240-1-50	380~415-3-50
	Rated Capacity / BTU		18000	26000	36000	42000
	Input	W	2000	2780	4037	4823
	EER	W/W	2.46	2.6	2.35	2.27
	Rated Capacity / BTU		19000	28000	37000	46000
	Input	W	1902	2829	3863	5133
	COP	W/W	2.91	2.8	2.78	2.58
Indoor air flow (H / L)	m ³ /h		860/760	1220/1010/820	1648/1501/1326	1650/1412/1264
Indoor noise level	dB(A)		42 / 38	42 / 40 / 39	44 / 42 / 41	44 / 43 / 41
Indoor unit	Dimension (W×H×D)(body)	mm	580 × 254 × 580	840 × 230 × 840	840 × 300 × 840	840 × 300 × 840
	Packing (W×H×D)(body)	mm	750 × 340 × 745	955 × 247 × 955	955 × 317 × 955	955 × 317 × 955
	Dimension(W×H×D)(Grille panel)	mm	650 × 30 × 650	950 × 55 × 950	950 × 55 × 950	950 × 55 × 950
	Packing (W×H×D) (panel)	mm	715 × 115 × 715	1035 × 90 × 1035	1035 × 90 × 1035	1035 × 90 × 1035
	Net/Gross weight (body)	kg	21 / 27	29 / 36	35 / 42	35 / 42
	Net/Gross weight (Grille)	kg	3 / 5	6 / 9	6 / 9	6 / 9
Refrigerant type			R22	R22	R22	R22
Refrigerant piping	Liquid side / Gas side	mm	1/4" / 1/2"	3/8" / 5/8"	3/8" / 3/4"	3/8" / 3/4"
Drain pipe diameter		mm	ODφ25	ODφ32	ODφ32	ODφ32
Connection wiring	Power supply cable	mm ²	2.5 - 3 core	4.0 - 3 core	4.0 - 3 core	2.5 - 5 core
	Interconnecting cable	mm ²	2.5 - 5 core	2.5 - 3 core	2.5 - 3 core	1.0 - 3 core
OUTDOOR MODEL						
Power supply	V-ph-Hz		220~240-1-50	220~240-1-50	220~240-1-50	380~415-3-50
Max. input consumption	W		2750	3250	5200	6580
Max. input current	A		13	15.5	25	11.5per Phase
Locked rotor Amp (LRA)	A		39.4	63	112	52
Outdoor air flow	m ³ /h		2439	4000	5850	5900
Outdoor noise level	dB(A)		44	47	49	50
Outdoor unit	Dimension(W×H×D)	mm	824x593x282	932x660x340	1075x966x354	1075x966x354
	Packing (W×H×D)	mm	891x657x359	986x726x436	1120x1100x435	1120x1100x435
	Net/Gross weight	kg	42/45	60/65	96/102	99/106
Refrigerant	Type		R22	R22	R22	R22
	Charged volume	g	1600	1970	2800	3300
Piping	Max. total pipe length	m	20	20	25	25
	Max. height difference	m	10	10	10	10
Operating ambient temp (Cool / Heat)	°C		18~43 / -7~24	18~43 / -7~24	18~43 / -7~24	18~43 / -7~24

Cooling Conditions: 35°C (95°F) DB and 24°C (75°F) WB outdoor; 27°C (81°F) DB and 19°C (66°F) indoor.
 Heating Conditions: 7°C (45°F) DB and 6°C (43°F) WB outdoor; 20°C (68°F) DB and 15°C (59°F) WB indoor.
 Specification and performance data are subject to change without prior notice for product improvement purposes.

All wiring subject to onsite conditions and must conform to SANS 1014 wiring regulations