



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



## CFS Series



# Silent Comfort



## ADVANTAGES & BENEFITS

### DECORATIVE LCD DISPLAY

Allows you to display several settings, including mode, set temperature, fan speed, timer and lock functions.



### ECONO (DRY) MODE

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



### TURBO MODE

Powerful cooling or heating at your fingertips.



### SLEEP MODE

Enhances comfortable sleep by varying the indoor unit's temperature and fan speed. During "sleep mode" less energy is used than during normal operation



### ADVANCED AIRFLOW

With "auto swing", you can choose the best louver position for heating and cooling and distribute the air evenly around the room. Louvers can be positioned horizontally as well as vertically\*. \* (only manual vertical swing available on CFS-55)



### AUTO RESTART

Automatically restores your settings after power failures.



### 24 HOUR TIMER

Allows you to pre-plan your daily cooling and heating needs.



Remote Control



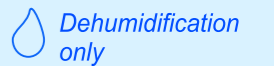
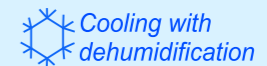
Touch Pad



Daily Timer



Econo Mode



Technical Specification				
Model		CFS-36H1		
<b>Electrical Data</b>				
Power supply	Ph-V-Hz	3φ, 380-420V, 50HZ		
Capacity Cooling	Btu/h	36000		
Power consumption	W	4390		
Current	A	8.2		
EER	Btu/w.h	8.2		
Capacity Heating	Btu/h	38000		
Power consumption	W	3950		
Current	A	7.7		
COP	Btu/w.h	9.5		
Max. input consumption	W	9500		
Max. current	A	15		
Thermostat type	Remote control			
<b>System data</b>				
Refrigerant type	g	R22/2400		
Design pressure	MPa	2.6		
Air flow	m <sup>3</sup> /h	1750		
Noise level	Indoor	dB(A) 50		
	Outdoor	dB(A) 62		
<b>Dimension&amp;Weight</b>				
Indoor	Dimension (W*H*D)	mm	540x1825x410	
	Packing (W*H*D)	mm	655x1935x555	
	Net/Gross weight	Kg	58/75	
Outdoor	Dimension (W*H*D)	mm	895x860x330	
	Packing (W*H*D)	mm	1045x930x395	
	Net/Gross weight	Kg	82/87	
<b>Refrigerant piping</b>				
Liquid side/ Gas side	mm	1/2+3/4		
Max. refrigerant pipe length	m	25		
Max. difference in level	m	10		
<b>Applicable ambient</b>				
Ambient temp	°C	-7/+45		
Application area	m <sup>2</sup>	50-70		
<b>Compressor</b>				
Compressor	Model	453DH-72C2		
	Type	Scroll		
	Brand	Hitachi		
	Capacity	Btu/h	46062	
	Input	W	4000	
	Rated current(RLA)	A	7.6	
	Locked rotor Amp(LRA)	A	60	
	Thermal protector	UP18VC23N-78C		
	Refrigerant oil	ml	1400	

Technical Specification				
Model		CFS-55H1		
<b>Electrical Data</b>				
Power supply	Ph-V-Hz	3ph , 380V , 50HZ		
Capacity	Cooling/Heating	Btu/h	52000 / 60000	
Power consumption	Cooling/Heating	W	6000 / 6300	
Rated current	Cooling/Heating	A	10.5 / 11.0	
EER	Cooling/Heating	Btu/w.h	9.2/----	
Max. input consumption	W	12100		
Max. current (3ph)	A	19.3		
Starting current	A	55		
Thermostat type	Electrical control			
<b>System data</b>				
Refrigerant type	g	R22 / 4400g		
Design pressure	MPa	2.6		
Air flow	m <sup>3</sup> /h	2200 / 1940 / 1690		
	Indoor	dB(A) 50 / 48 / 45		
	Outdoor	dB(A) 58		
<b>Dimension&amp;Weight</b>				
Indoor	Dimension (W*H*D)	mm	600 x 1900 x 358	
	Packing (W*H*D)	mm	685 x 1985 x 450	
	Net/Gross weight	Kg	65 / 75	
Outdoor	Dimension (W*H*D)	mm	940 x 1245 x 360	
	Packing (W*H*D)	mm	1018 x 1380 x 435	
	Net/Gross weight	Kg	116 / 131	
<b>Refrigerant piping</b>				
Liquid side/ Gas side	mm	1/2" / 3/4"		
Max. refrigerant pipe length	m	30		
Max. difference in level	m	15		
<b>Applicable ambient</b>				
Ambient temp	°C	-7/+45		
Application area	m <sup>2</sup>	80-110		
<b>Compressor</b>				
Compressor	Model	ZR72KC-TFD-522		
	Type	Scroll		
	Brand	Copeland		
	Capacity	Btu/h	59300	
	Input	W	5248	
	Rated current(RLA)	A	9.2	
	Locked rotor Amp(LRA)	A	67	
	Thermal protector	Internal		
	Refrigerant oil	ml	1774	

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