



Create a pleasant working environment in offices, computer rooms and conference rooms with our range of mobile Air to Air units delivering refrigerated dry air. Complete with automatic thermostat controls, easy to operate temperature and fan controls. Available with direct hot air exhaust or water collection.

#### Efficient and quiet

Advanced technology is employed to lower noise and increase efficiency.

#### Powerful dehumidification

After initial cooling, the air conditioners produce a breeze at low frequency to dehumidify the room without great temperature alteration.

#### Energy-saving

Low power consumption, whilst still providing larger outputs of cold air.

#### Powerful cooling

Producing powerful and rapid air cooling to a large area.

#### Wide angle dispersion

Curved air-deflector provides wide angle airflow for quicker air movement.

### A STEP BY STEP GUIDE TO THE COOLING REQUIREMENTS FOR THE AVERAGE OFFICE

Calculate the volume of the area to be cooled in cubic metres, Width x Height x Depth and multiply this volume x 42.

(This gives the area requirements in Watts). N.B. If this area size is calculated in cubic feet, divide by 35 to give the size in cubic metres.

A) Number of people	.....	x	150watt	=	.....
B) Number of computers	.....	x	200watt	=	.....
C) Number of printers	.....	x	250watt	=	.....
D) Number of fax machines	.....	x	150watt	=	.....
E) Tea/Coffee machines	.....	x	1000watt	=	.....
Appropriate Model -	Total watts				
2.9Kw = 10,000Btu	+ Room watts				
4.1Kw = 14,000Btu					
4.6Kw = 16,000Btu	Grand Total in watts				

## 1 AC1000 (10,000 Btu) Air Conditioner AC1200 (12,000 Btu) Air Conditioner

Cooling efficiency: A. Fan speed: 3. Timer: 24h.  
Carbon filter. Ionization. Remote control.  
Additional water tank.  
Dimensions: L420 x W405 x H790mm.

	AC1000	AC1200
Cooling capacity:	2.930W	3.516W
Energy consumption:	1.137W	1.325W
Air volume:	480m <sup>3</sup> /h	480m <sup>3</sup> /h
Suitable area:	60m <sup>3</sup>	70m <sup>3</sup>
Humidity removal:	1.2L/h	1.4L/h
Indoor noise level:	56dB (A)	54dB (A)
Refrigerant:	R410A	R410A
Outlet pipe length:	1500mm	1500mm
Outlet pipe dia:	142mm	142mm
Working temperature:	18-32°C	18-32°C
Weight:	27.5kg	29.5kg
Product Code:	AC100029900	
Product Code:	AC120032900	

1



#### Replacement Ducting

AC1000 Product Code: 4603.1002672  
AC1200 Product Code: 4603.1002672  
AC1400 Product Code: 4603.1002672  
AC1600 Product Code: 4603.1002672

## 2 AC1400 (14000 Btu)/AC1600 (16000 Btu) Air Conditioner

Cooling efficiency: A. Fan speed: 3. Timer: 24h.  
Carbon filter. Ionization. Remote control.  
Additional water tank. Power supply: 240v/50Hz  
Dimensions: L422 x W443 x H825mm.

	AC1400	AC1600
Cooling capacity:	4.1kW	4.6kW
Energy consumption:	1137W	1875W
Air volume:	550m <sup>3</sup> /h	600m <sup>3</sup> /h
Suitable area:	80m <sup>3</sup>	90m <sup>3</sup>
Humidity removal:	1.6l/h	2.0l/h
Indoor noise level:	56dB (A)	54dB (A)
Refrigerant:	R410a	R410a
Outlet pipe length:	1500mm	1500mm
Outlet pipe dia:	142mm	142mm
Working temperature:	18-32°C	18-32°C
Weight:	33kg	37kg
Product Code:	AC140035900	

2



# BIO COOLER

## 3 Master Bio Coolers

Master Bio Coolers cool the air using a simple natural process: A pump takes the water from a tank and wets a wide filter of natural cellulose. A powerful ventilator aspirates air through the filter. The water evaporates from the filter and decreases the temperature of the air several degrees. The fresh and clean air flows into the ambient and cools it.

3



	BC60
Airflow:	6.000m <sup>3</sup> /h
Range:	60m <sup>3</sup>
Voltage:	240v
Power:	280W
Noise Level:	<62dB
Water Tank:	57Litres
Water Flow:	7Litres/hour
Fan Speed levels:	3
Ionizer:	Yes
Control Panel:	LCD
Remote Control:	Yes
Weight:	38kg
Dimensions:	L560 x W780 x H1380mm
Product Code:	BC60042500

BC60