



# Ducted

018 - 024 - 030 - 036 - 050 - 060



Cool



Dry



Fan



Heat



Auto



Sleep

19012 



## Technical Specifications

### Air Conditioner

#### Outdoor Unit Features:

- Fast installation and easy maintenance.
- Modern cabinet design to suit the building decorations.
- Low-noise, high efficiency compressor.
- Advanced design allows the use of "Flare" connection systems, for more flexibility in installation.
- Heavy gauge galvanized steel with weather resistance electrostatic powder paint.
- "Inner-grooved" pipes and "slit" fins increase the heat exchange rate and decrease power consumption.
- Operates in high outdoor temperatures.

#### Optional accessories available upon request:

- Low-ambient control kit.
- Low-pressure protection switch.
- High-pressure protection switch.
- Crankcase Heater.
- Phase sequence relay (3 phase models).
- AUX. heaters in heat pump mode.

#### Indoor Unit Features:

- Very compact design for easy installation above false ceiling.
- Energy saving with low power consumption
- Ultra quiet operation
- Available with "Electronic Control" using a wired "Touch Pad" and attractive wireless remote controller with high transmission ability, or Mechanical control.
- Advanced-technology PC-board for full control.
- "DRY" mode reduces water vapor by computerized dehumidification.
- "SLEEP" mode provides suitable sleeping environment with energy saving.
- Programmable timer controls the unit operation.
- 3-stage indoor fan speed.
- Electronic system provides 3 minutes anti short cycle protection for compressor, which guarantees total system integrity.

### Technical Specifications Conditioner

Indoor Unit		DBC 018	DBC 024	DBC 030	DBC 036	DBC 050	DBC 060
Outdoor Unit		G+ O 018	G+ O 025	G+ O 030	G+ O 036	G+ O 050	G+ O 060
Nominal Cooling Capacity	KW - Btu/hr	5.28 - 18000	6.15 - 21000	8.79 - 30000	10.84 - 37000	13.04 - 44500	16.35 - 55800
Nominal Heating Capacity	KW - Btu/hr	4.96 - 17000	5.86 - 20000	9.09 - 31000	10.84 - 37000	13.39 - 45700	16.12 - 55000
Cooling Power Consumption	W	1895	2211	3333	3978	5300	5694
Heating Power Consumption	W	1700	2105	3039	3458	4750	3986
EER:							
Cooling*	Btu/hr.W	9.50	9.50	9.00	9.30	8.40	9.80
Heating*	Btu/hr.W	10.00	9.50	10.20	10.70	9.62	13.80
Power Supply	V/Ph/Hz	220 / 1 / 50				380 / 3 / 50	
Air Flow Rate (At high speed & dry coil)	m <sup>3</sup> /hr	850		1699		2888	3058
	CFM	500		1000		1700	1800
Dimensions - Indoor Unit (WxHxD)	mm	900X230X445		1080X280X527	1225X280X527	1200X350X574	1305X380X574
Dimensions - Outdoor Unit (WxHxD)	mm	721X582X302	1084X697X417		1110X943X417	852X1101X352	
Net Weight - Indoor Unit (Approx)	kg	27	29	40		50	53
Net Weight - Outdoor Unit (Approx)	kg	43	58	68	84	96	95
Refrigerant Type		R22					
Container Load	Q'ty 20'	-	58	43	38	32	
	Q'ty 40'	-	120	81	78	68	
	Q'ty 40'HC	-	130	111	96	74	

#### At ISO5151 (T1) conditions:

- Cooling: 35°C outdoor DBT/27°C Indoor DBT & 19°C indoor WBT.
- Heating 7°C outdoor DBT&6 WBT / 20°C indoor DBT.

Specifications are subjected to change without prior notice.