

Ducted

DBC 018 / 020 / 024 / 030 / 036 / 048 / 060



Heat



Cool



Auto



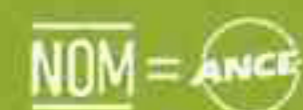
Dry



Fan



Sleep



Technical Specifications

Indoor Unit		DBC018	DBC020	DBC024	DBC030	DBC036	DBC048	DBC060
Outdoor Unit "Cooling only"		G+ ORTC 018	G+ ORTC 020	G+ OTS 025	G+ OTS 030	ORTC036	ORTC 050	ORTC 060
Outdoor Unit "Heat pump"		G+ ORHC 018	G+ ORHC 020	G+ OHS 025	G+ OHS 030	ORHC036	ORHC 050	ORHC 060
Nominal Cooling Capacity	kW - Btu/hr	5.28 - 18000	5.77 - 19700	7.14 - 24400	8.79 - 30000	10.19 - 34800	13.18 - 44500	15.31 - 52300
Nominal Heating Capacity	kW - Btu/hr	5.28 - 18000	5.57 - 19000	7.03 - 24000	8.79 - 30000	9.66 - 33000	13.38 - 45700	15.61 - 53300
Cooling Power Consumption	W	1900	1911	2570	3315	3492	5300	5850
Heating Power Consumption	W	1490	1720	2300	2680	2995	4750	4950
EER:								
Cooling*	Btu/hr.W	9.47	10.31	9.49	9.05	9.97	8.40	8.94
Heating*	Btu/hr.W	12.08	11.05	10.43	11.19	11.02	9.62	10.77
Power Supply	V/Ph/Hz			220-240/1/50			346-380/3/50	
Air Flow Rate (at high speed & dry coil)	m ³ /hr	993		951		1868	2717	3056
External static pressure = 0 inch H ₂ O	CFM	585		560		1100	1600	1800
Dimensions - Indoor Unit (WxHxD)	mm		948X230X445		1171X280X527	1314X280X527	1351X350X574	1456X380X574
Dimensions - Outdoor Unit (WxHxD)	mm	722X586X302		945X649X356		852X755X354		852X1102X356
Net Weight - Indoor Unit	kg	23.5		26.5	30	36	41.5	53
Net Weight - Outdoor Unit	kg	44	57.5	64.5	70	69		86
Refrigerant Type					R22			

At Nominal ASHRAE rating conditions

- Cooling: 35°C outdoor DBT/27°C Indoor DBT & 19.5°C indoor WBT.

- Heating: 7°C outdoor DBT & 80% relative humidity / 20°C indoor DBT.

* Test volt: 220 for single phase & 380 for three phase at 50Hz

Specifications are subject to change without prior notice.

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 guaranties total system integrity.

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 either "Quick Coupling" or "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.
- * Available as "Cooling Only" & "Heat Pump" systems or equipped with "Electric Heater".
- * Operates in high outdoor temperatures
- * Operates in low outdoor temperatures (heat pump only).
- * Optional accessories available upon request:
 - Low-Ambient control kit.
 - Low-Pressure protection switch.
 - High-Pressure protection switch.
 - Crankcase Heater.
 - Phase sequence relay.

