

## Technical Specifications

**DBC, 50Hz , R22**

new Rotary      Reciprocating

<b>Indoor Unit</b>		DBC018	DBC020	DBC024	DBC030	DBC030	DBC036	DBC036	DBC048	DBC060
<b>Outdoor Unit "Cooling only"</b>		ORTC018	ORTC020	G+ OTS 025	G+ OTS 030**	G+ OTS 030	ORTC036	ORTC036***	G+ OTS 050	G+ OTS 060
<b>Outdoor Unit "Heat pump"</b>		ORHC018	ORHC020	G+ OHS 025	G+ OHS 030**	G+ OHS 030	ORHC036	ORHC036***	G+ OHS 050	G+ OHS 060
<b>Nominal Cooling Capacity</b>	kW-Btu/hr	5.28    18000	5.77    19700	7.03    24000	8.79    30000	8.79    30000	10.26    35000	10.26    35000	13.19    45000	16.12    55000
<b>Nominal Heating Capacity</b>	kW-Btu/hr	5.28    18000	5.57    19000	7.03    24000	8.79    30000	8.79    30000	10.26    35000	10.26    35000	13.77    47000	13.12    44800
<b>Cooling Power Consumption</b>	W	1900	1911	2700	3315	3300	4300	3500	5300	6000
<b>Heating Power Consumption</b>	W	1490	1720	2500	2680	2600	3500	3020	4750	4970
<b>EER:</b>										
<b>Cooling*</b>	Btu/hr.W	9.47	10.31	8.89	9.05	9.09	8.14	10.00	8.49	9.17
<b>Heating*</b>	Btu/hr.W	12.08	11.05	9.60	11.19	11.54	10.00	11.59	9.89	9.01
<b>Power Supply</b>	V/Ph/Hz	220-240 / 1 / 50							346-380 / 3 / 50	
<b>Air Flow Rate(at high speed &amp; dry coil)</b>	m <sup>3</sup> /hr	993	951	1868				2717	3056	
	CFM	585	560	1100				1600	1800	
<b>Dimensions-Indoor (WxHxD)</b>	mm	948X230X445			1171X280X527		1314X280X527		1351X350X574	1456X380X574
<b>Dimensions-Outdoor (WxHxD)</b>	mm	722X590X302	945X649X356			945X845X356			852X1102X356	
<b>Weight-Indoor unit</b>	Kg	23.5	26.5		30		36		41.5	53
<b>Weight-Outdoor unit</b>	Kg	44	57.5	64.5	70	75	92	82	86	
<b>Refrigerant Type</b>		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 3 phase at 50 Hz.

\*\* This model available with Reciprocating comperrsor upon request.

\*\*\* Rotary Compressor.

Specifications are subject to change without prior notice