

Unionaire®

UNIFY

010 - 012 - 018 - 024



Ionizer



Cool



Dry



Fan



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
- 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
- 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.

#### Indoor Unit Features:

- Very elegant design to suit any decoration
- Energy saving with low power consumption
- Ultra quiet operation
- Attractive LCD wireless remote controller with high transmission ability.
- Advanced-technology PC-board for full control.
- "DRY" mode reduces water vapor by computerized dehumidification.
- "SLEEP" mode provides suitable sleeping environment with energy saving.
- 24 hours programmable timer controls the unit operation.
- Automatic & Manual selection of outlet air direction.
- Automatic selection of 3-stage fan speed.
- Electronic system provides 3 minutes anti short cycle protection for compressor, which guarantees total system integrity.
- "Hydrophilic" fins in the evaporator.
- Self-diagnosis function.
- Efficient, easy removable and cleanable air filters.
- Carbon filters.
- Ionized filter.

### Technical Specifications Conditioner

Indoor Unit		G+ I 010	G+ I 012	G+ I 018	G+ I 024
Outdoor Unit		G+ O 010	G+ O 012	G+ O 018	G+ O 025
Nominal Cooling Capacity	KW - Btu/hr	2.64 - 9000	3.34 - 11400	5.28 - 18000	6.45 - 22000
Nominal Heating Capacity	KW - Btu/hr	-	-	-	-
Cooling Power Consumption	W	947	1200	1846	2306
Heating Power Consumption	W	-	-	-	-
<b>EER:</b>					
Cooling*	Btu/hr.W	9.50	9.50	9.75	9.54
Heating*	Btu/hr.W	-	-	-	-
Power Supply	V/Ph/Hz	220 / 1 / 50			
Air Flow Rate (At high speed & dry coil)	m <sup>3</sup> /hr	544		850	934
	CFM	320		500	550
Dimensions - Indoor Unit (WxHxD)	mm	824x292x180		1090x314x180	
Dimensions - Outdoor Unit (WxHxD)	mm	677x531x262		721x582x302	1084x697x417
Net Weight - Indoor Unit (Approx)	kg	8.9		12.5	
Net Weight - Outdoor Unit (Approx)	kg	30	31	38	58
Refrigerant Type		R22			
Container Load	Q'ty 20'	120		100	60
	Q'ty 40'	240		195	126
	Q'ty 40"HC	276		220	145

#### 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.