

Unionaire®

Purify

010 - 012 - 016 - 018 - 024



- Ionizer
- 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 "Silt" 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.

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		PU I 010	PU I 012	PU I 016	PU I 018	PU I 024
Outdoor Unit		PU O 010	PU O 012	PU O 016	PU O 018	PU O 025
Nominal Cooling Capacity	KW - Btu/hr	2.64 - 9000	3.46 - 11800	4.16 - 14200	5.28 - 18000	6.45 - 22000
Nominal Heating Capacity	KW - Btu/hr	2.64 - 9000	3.28 - 11200	3.96 - 13500	4.98 - 17000	6.15 - 21000
Cooling Power Consumption	W	947	1210	1406	1846	2306
Heating Power Consumption	W	833	1018	1324	1589	2165
EER:						
Cooling*	Btu/hr.W	9.50	9.75	10.10	9.75	9.54
Heating*	Btu/hr.W	10.80	11.00	10.20	10.70	9.70
Power Supply	V/Ph/Hz	220 / 1 / 50				
Air Flow Rate (At high speed & dry coil)	m ³ /hr	544		680	850	934
	CFM	320		400	500	550
Dimensions - Indoor Unit (WxHxD)	mm	815x269x196			1090x314x180	
Dimensions - Outdoor Unit (WxHxD)	mm	677x531x282		721x562x302	721x562x302	1084x697x417
Net Weight - Indoor Unit (Approx)	kg	10.5	10.5	10.5	12.5	12.5
Net Weight - Outdoor Unit (Approx)	kg	31	31	36	42	60
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.