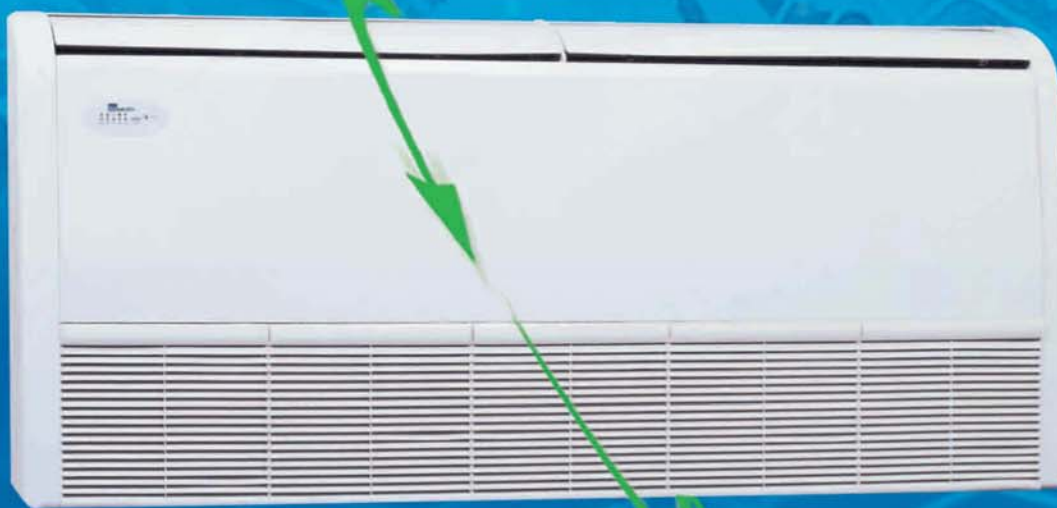


Unionaire



CFU 012/020/025/
030/036

Ceiling Floor




unionaire[®]
The coolest solution

COOLAIR 
INTERNATIONAL, INC.

CFU 012/020/025/
030/036

Ceiling Floor



Indoor Unit Features

- Very elegant design to suit any décor
- 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 savings
- 24-Hour programmable timer controls the unit's operation
- Automatic & manual selection of outlet air direction
- Automatic selection of three-stage indoor fan speed
- Electronic system provides 3-minute anti-short cycle protection for compressor, which guarantees total system integrity
- "Hydrophilic" blue coated fins in the evaporator
- Self-diagnosis function
- Efficient, easily removable and cleanable air filters

Outdoor Unit Features

- Fast installation and easy maintenance
- Modern cabinet design to suit the building décor
- Low-noise, high-efficiency compressor
- Advanced design allows the use of "Flare" connection systems for more flexibility in installation
- Available with Heavy-gauge galvanized steel with weather resistance electrostatic powder paint or Heavy plastic with weather resistance under request.
- "Inner-grooved" pipes and "Slit" fins increase the heat exchange rate and decrease power consumption
- Available as "Cooling Only" & "Heat Pump" system
- 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

Technical Specifications

Indoor Unit		CFU012	CFU020	CFU025	CFU030	CFU036
Outdoor Unit		ORXC012	ORXC020	ORXC025	ORXC030	ORXC036
Compressor Type		Rotary	Reciprocating	Reciprocating	Reciprocating	Reciprocating
Nominal Cooling Capacity	kW	3.52	5.72	7.03	9.00	10.55
	BTU/hr	12000	19500	24000	30700	36000
Nominal Heating Capacity	kW	3.52	5.72	7.03	9.00	10.55
	BTU/hr	12000	19500	24000	30700	36000
Running Current	CO	A	6.97	11.69	12.98	16.97
	HP	A	6.4	10.41	12.1	16.37
Power Consumption	CO	W	1450	2468	2628	3529
	HP	W	1330	2199	2450	3403
EER:						
Cooling*	Btu/hr W	8.45	8.17	8.09	8.7	9.28
Heating*	Btu/hr W	9.02	8.91	8.39	9.02	9.62
Air Flow Rate	CFM	400	600	800	1000	1050
Dimensions - Indoor Unit	(WxHxD) inches	39.7x23.9x7.95		51.5x23.94x9.25		63.31x23.94x9.25
Dimensions -Outdoor Unit	(WxHxD) inches	23.43x19.49x13.11		37.2x25.55x14.02		37.2x33.27x14.02
Net Weight- Indoor Unit	Lbs	72.7	94.8	101.4	114.6	119
Net Weight- Outdoor Unit	Lbs	66.1	141.1	165.3	194	202.8
Option: Electric Heater	W	2000	3000		4250	
Refrigerant Type		R22				
Max Fuse Size	A	16	20	25	32	40
Power Supply	V/PH/Hz	208-230/1/60				

At Nominal ASHRAE rating condition
 -Cooling: 95°F outdoor DBT / 80°F indoor DBT 67°F indoor WBT
 -Heating: 44.5°F outdoor DBT & 80% relative humidity / 68°F Indoor DBT
 *Test Volt: 220 at 60Hz
 Specifications are subject to change without prior notice



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