



CMU-COMPACT MAKE-UP AIR UNIT

The Neptronic CMU-Compact Make-up Air Unit is designed to pull in fresh, tempered air from outside a building in order to replace air that is pulled out by exhaust equipment and continuously provide comfortable ventilation throughout the building. Equipped with intelligent control strategies and the patented Neptronic EAS (Electronic Air Flow Sensors), the CMU maximizes efficiency and optimizes indoor air quality. The advanced control strategies and optional BACnet MS/TP and Modbus RTU communication modules make it the ideal product for integration with the automation system of intelligent buildings, by enhancing user comfort and reliability.

FEATURES

- CFM range of 50 to 750
- Collar Sizes from 6" to 12"
- Wide kW range (1kW to 20kW)
- Available from 120V/1ph to 600V/3ph
- Achieve a ΔT between 22°F (11°C) and 86°F (45°C)
- Patented Neptronic EAS (Electronic Air Flow Sensors)
- Ease of operation with Neptronic TDF digital room sensors
 - Display supply temperature
 - Configure CFM and temperature setpoints
 - Monitor alarms
- ECM and AC fan strategies
- Intelligent control strategies with multiple I/O support
 - Indoor air quality applications with integrated temperature, humidity and CO₂ sensor
 - Interlock with extraction fans
 - Outside air sensors prime heater coils for fast response and comfort
 - Static pressure PID algorithms, control of fresh air and return air
- Integrate with BMS and intelligent buildings via BACnet MS/TP or Modbus RTU
- Schedule support

ACCESSORIES

- **TDF Digital Room Sensor** with temperature and optional humidity, CO₂ and occupancy sensors.
- **Plug-in module** for BACnet MS/TP and Modbus RTU Communication.

APPLICATIONS

- Restaurants/Kitchen
- Gym
- Retail
- Warehouse

COMPACT MAKE-UP AIR UNIT OPTIONS

Model	Collar Size	Voltage	Heating Capacity	Type of Fan	Power Switch
CMU	06	A	010	A	D

COLLAR SIZE

Model	06	08	10	12
Size	6"	8"	10"	12"

VOLTAGE

Model	A	B	C	D	E
Voltage	120VAC/1ph	208VAC/1ph	220,240VAC/1ph	347VAC/1ph	480VAC/3ph
Model	F	G	H	I	J
Voltage	600VAC/1ph	208VAC/3ph	400VAC/3ph*	480VAC/3ph	600VAC/3ph

* This option does not have ETL Certification

HEATING CAPACITY

Model	010	015	020	030	040	045	050	060	070
KW	1kW	1.5kW	2kW	3kW	4kW	4.5kW	5kW	6kW	7kW
Model	080	090	100	120	140	160	180	200	
KW	8kW	9kW	10kW	12kW	14kW	16kW	18kW	20kW	

TYPE OF FAN

Model	A	C	D
Type of Fan	AC Axial Fan	ECM Axial Fan	ECM Centrifugal Fan

POWER SWITCH

Model	D	
Power Switch	Disconnect switch	None



Complies to standards UL 60335-1 & UL 60335-2-40,
CSA C22.2 No. 60335-1 & CSA C22.2 No. 60335-2-40

