

Mid-size Air Conditioners

2000-6000 BTU/Hr. (586-1758 Watts)



M28

Features

- Genesis™ M28 stock models are equipped with a thermostat control that offers convenient digital display of enclosure temperature and high temperature alarm (125°F/52°C). Flashing display indicates alarm condition. Genesis™ M28 stock models are UL/CUL and CE standard. Stock models include EMI/RFI noise suppressor.
- Genesis™ M28 models offer a unique passive condensate system which evaporates moisture from enclosure and eliminates drain tubes, buckets and wet floors in typical applications
- EZ Mount flanges simplify installation to a two-step, one-person job.
- Genesis™ units are directly interchangeable with the comparable Slimboy Series. A field retrofit plate is needed only when mounting the Genesis™ M28 to an old Slimboy model cutout. For Slimboy 28 models with side mounting rails, field retrofit plate part number is 28-plate. For other mounting configurations, contact the factory.
- High CFM ball-bearing centrifugal blowers are ideal for densely packaged enclosures.
- Most components accessible by removing air filter.
- 100% functionally tested.
- Mounting gaskets, drawings and instruction manual furnished.
- All units use a CFC-free or environmentally safe refrigerant.



UL TYPE 12 approval is standard on all stock models. UL/cUL listing available on most models. (UL File SA6453)

Other Units To Consider

Genesis™ M28: CR29, pg. B.3; CR29 Stainless Steel, pg. B.21

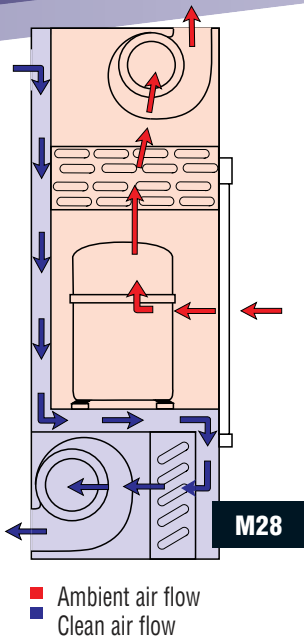
Options Packages (see pg. B.47)

	M28
Thermostat Package	✓
Thermostat/Malfunction Package	✓
Active Condensate Evaporator Package	✓
Special Voltage Package	✓
Outdoor Package*	✓
Heater Package	✓
Corrosive Environment Package*	✓
Stainless Steel Package*	✓

* Please refer to pages B.21-B.24 for our air conditioners that have been engineered and manufactured specifically for demanding applications.

McLean Thermal Closed-loop Cooling

Within the air conditioner, the recirculated clean enclosure air is kept separate from the ambient airflow system. This protects the electronic controls and prevents shutdowns caused by heat, humidity, dust and other contaminants.



GENESIS™ M28 Series

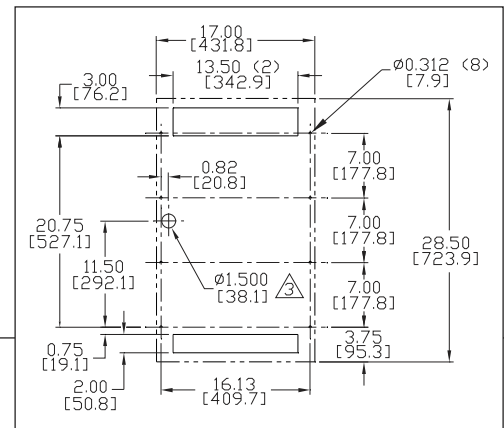
2000-6000 BTU/Hr. (586-1758 Watts)
H x W x D: 28.50" (724) x 17" (432) x 11.33" (288)

Model	Voltage	Hz	Full Load Amps	Phase	BTU/Hr @ Max Amb Temp	Max Amb Temp °F/°C	Shipping Weight Lbs/Kgs	
M28-0216-G013	STOCK	115	50/60	9.8/9.0	1	2200/2200	125/52	98/45
M28-0216-G0XX		115	50/60	9.8/9.0	1	2200/2200	125/52	98/45
M28-0226-G004	STOCK	230	50/60	5.0/4.5	1	2200/2200	125/52	98/45
M28-0226-G0XX		230	50/60	5.0/4.5	1	2200/2200	125/52	98/45
M28-0246-G400		400/460	50/60	2.8/2.5	1	2200/2200	125/52	108/49
M28-0246-GXXX		400/460	50/60	2.8/2.5	1	2200/2200	125/52	108/49
M28-0416-G007	STOCK	115	50/60	14.6/14.0	1	3800/4000	125/52	116/53
M28-0416-G0XX		115	50/60	14.6/14.0	1	3800/4000	125/52	116/53
M28-0426-G032	STOCK	230	50/60	7.4/6.9	1	3800/4000	125/52	116/53
M28-0426-G0XX		230	50/60	7.4/6.9	1	3800/4000	125/52	116/53
M28-0446-G400		400/460	50/60	4.1/3.8	1	3800/4000	125/52	136/62
M28-0446-GXXX		400/460	50/60	4.1/3.8	1	3800/4000	125/52	136/62
M28-0616-G0XX		115	50/60	15.0/15.0	1	5400/6000	125/52	120/55
M28-0626-G0XX		230	50/60	7.3/7.3	1	5400/6000	125/52	120/55
M28-0646-G400		440/460	50/60	4.0/4.0	1	4682/5746	125/52	150/68
M28-0646-GXXX		440/460	50/60	4.0/4.0	1	4682/5746	125/52	150/68

-XX will be replaced with a two-digit number designating all desired options. Consult the factory for specific model numbers.

CUT-OUT NOTES

1. Dash lines represent air conditioner.
2. Cut-out dimensions for standard product only.
3. This hole may be deleted if the service cord is routed through the 3" x 13.50" return air opening.
4. Full-size mounting template provided.



DESIGN NOTES

1. Gasket kit for mounting to enclosure included.
2. Service cord.
4. This 20.50" x 15.50" area is recessed 1.00" from rear surface (referred to as the "plenum").
5. Condenser air discharge out front is optional.

SIDE MOUNT TO ENCLOSURE

For TYPE 12 enclosure, interfacing air-out and air-in openings are required in the enclosure wall.

