



GM 80CR

The portable GM 80CR is specifically designed and packaged for use in cleanrooms. Through its unique four-stage filtration system, the GM 80CR safely collects and retains fine dust and powders. It comes equipped with an ULPA exhaust filter and is able to meet cleanroom standards up to and including Class 10 (ISO 4). The GM 80CR's motor is interference suppressed so it will not affect electronic equipment in cleanrooms.



The four-stage filtration system includes a disposable paper bag, extra large main filter, microfilter and ULPA exhaust filter.



GM 80CR with ULPA filter vacuuming a cleanroom.



The GM 80CR is equipped with positive twist safety latches for added safety and security.












SPECIFICATIONS

GM 80CR

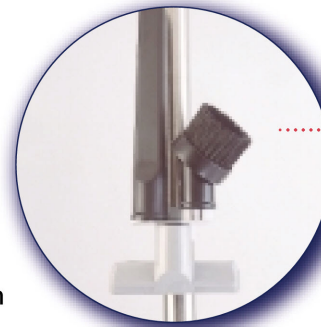
| | | | | | |
|----------------------|-------------------------|-------------|----------------------------|---------|--------------|
| Motor type, grounded | | GMPJ | Tank capacity | gallons | 3 1/4 |
| Voltage @ 60 Hz. | volts | 110-120/220 | Paper bag capacity | gallons | 2 1/4 |
| Current draw | amps | 9 | Filter area ** | sq. ft. | 10 1/4 |
| Power | watts | 1100 | Dimensions (l x w x h) | inches | 14 x 12 x 16 |
| Waterlift*, max. | inches H ₂ O | 102 | Weight without accessories | lbs. | 11 |
| Airflow, max. | cfm | 87 | Sound level @ 6'6" | dB(A) | 59 |
| Air performance | air watts | 250 | | | |

FEATURES & BENEFITS

GM 80CR

-  In the first stage of separation, a 2 1/4-gallon capacity disposable paper bag captures the bulk of collected debris.
-  Extra-large main filter ensures a steady, even airflow which extends filter life and eliminates premature clogging.
-  The microfilter, a final step in pre-filtration, protects the motor and acts as a barrier to even bacteria-size particles.
-  ULPA (Ultra Low Penetration Air) filter ensures that 99.999% of all ultrafine particles, toxic and nuisance, are retained – down to and including 0.12 microns.
-  Motor thermal protection device prevents overheating caused by failure to keep filters clean or by accidental blockage in a nozzle or hose.
-  Conductive plastic hose provides ESD protection.
-  The wheeled trolley adds mobility. Glides over all surfaces.
-  Positive twist safety latches offer security by preventing the container from opening if the vacuum is dropped.
-  The vacuum cleaner and accessories are packaged in cleanroom compatible polyethylene bags to prevent contamination from packing materials during shipping.

The GM 80CR's conductive plastic hose and accessories provide ESD protection.



The GM 80CR is equipped with a tool caddy for convenient on-board storage of accessories.

STANDARD ACCESSORIES

- ULPA filter
- Microfilter
- Detachable trolley
- 10' conductive plastic hose
- Curved stainless steel tube
- Two straight stainless steel wands
- Paper bags
- 30' cord
- Conductive 3" round brush
- Conductive crevice nozzle
- 5" utility tool
- 12" floor nozzle
- Tool caddy

* With pressure relief valve inactive.

** Filter area includes paper bag, main filter, microfilter, ULPA.



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