

DB-M SPECS



The DB-M is a low-turbulence model designed for applications where a fan-driven model is undesirable. Suited to applications involving very fine dust particles, such as slag dust or fly ash, the DB-M generates a cloud of atomized mist. Nozzles on the unit may be added, removed or resized as conditions dictate to provide maximum control.

**WHEN IT COMES TO DUST,
WE'VE GOT YOU COVERED.**



DustControlTechnology®

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GENERAL SPECIFICATIONS

- Throw is dependent on wind conditions. Approximately 30 feet (9.14 meters) on a quiet day.
- Misting head with 9 nozzles mounted on 15-foot boom.
- Variable configuration allows nozzles to be added, removed or replaced with different sizes to suit specific applications.

BENEFITS

- The DB-M offers low-turbulence dust control suited to applications where a fan-driven mist is undesirable.
- The design provides customizable options with Variable Particle Sizing (VPS) Technology

ELECTRICAL SPECIFICATIONS

- U.S. specs: 3 Phase / 480 Volt / 60 Hertz. Full load current is 12 amps. Recommended minimum gen set is 25 Kw.
 - 3 Phase / 25 HP fan /380 Volt / 50 Hz (Europe, Middle East, N. Japan, Latin America)
 - 3 Phase / 25 HP fan /400 Volt / 50 Hz (Europe, Japan, New Zealand, Australia)
 - 3 Phase / 25 HP fan /415 Volt / 50 Hz (Europe, New Zealand, Australia)

- 3 Phase / 25 HP fan /575 Volt / 60 Hz (Canada)
- 3 Phase / 25 HP fan /380 Volt / 60 Hz (Korea)
- 3 Phase / 25 HP fan /440 Volt / 60 Hz (Mexico)

- 100 foot (30.48 meters) 10/4 electrical cord. Other options available.
- Bare wired electrical cord (no male plug).
- NEMA 3R cabinet with control panel.

WATER SPECIFICATIONS

- 80 PSI (5.5 BAR) constant pressure and 10 gpm (37.85 lpm) volume must be delivered to booster pump.
- Maximum inlet water pressure should not exceed 100 PSI (6.89 BAR) when operating the booster pump.
- Maximum PSI delivered by booster pump is 250 PSI (17.24 BAR).

- In-line 30 mesh 595 micron filter system is included and should be used at all times.
- Contact us for recommendations if using non-potable water.
- 1-1/2" (38.10 mm) cam-and-groove quick disconnect female coupling for fire hose provided on machine.

ENGLISH UNITS				
Supplied Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	-	-	10.04	10.39
Water Flow, no Booster Pump, gpm	3.79	4.64	5.36	5.99
METRIC UNITS				
Supplied Water Pressure, bar	2.8	4.14	5.5	6.89
Water Flow with Booster Pump, lpm	-	-	38.01	39.35
Water Flow, no Booster Pump, lpm	14.35	17.56	20.29	22.67
1-1/2" FIRE HOSE WATER SUPPLY				

DIMENSIONS

- Standard boom height is 15 feet (4.57 meters) tall when mounted on skid.
- Units can be fabricated on booms ranging from 4 to 15 feet (1.22 to 4.57 meters) in height.

PERFORMANCE ADDITIVES

- Surfactant can be used to improve binding of dust particles or with tackifying agents to seal ground and help reduce airborne dust.

MAINTENANCE

- If using potable water, nozzles need to be inspected once a year.

OPTIONS

- Dosing pump can be added for chemical applications.

WARRANTY

- 3-year/3,000-hour warranty.