



DUSTBOSS® 60

The DB-60 is capable of covering more than 125,000 square feet (11,613 square meters) with its powerful dust-trapping mist when equipped with optional user-definable oscillation (up to 359°).

The DB-60 is also available as a tower-mounted unit for applications requiring dust capture from above.

SPECIFICATIONS

GENERAL SPECIFICATIONS

- Throw: 200 feet (60 meters).
- Fan: 30,000 CFM (849.50 CMM) generated by 25 HP fan.
- Coverage with standard 0°–40° oscillation: 21,000 square feet (1,950 square meters).
- Coverage with optional 359° user-definable oscillation: 125,000 square feet (11,613 square meters).
- Adjustable throw angle: 0°–50°.
- Nozzles: 30, brass (also available in stainless and nylon).
- Droplet size: of 50–200 microns.
- Premium efficiency direct-drive motor.

ELECTRICAL SPECIFICATIONS

- U.S.: 3 Phase / 25 HP fan / 480 Volt / 60 Hertz. Full load current: 46 amps. 60 Kw gen set is recommended.
- Other motor options available, including all international electrical motors.
- 10 HP (7.5 Kw) high-pressure booster pump with no lift.
- Oscillator: 1/8 HP (0.10 Kw).
- 150 foot (45.72 meters) 8/4 type W electrical cord.
- Bare wired electrical cord (no male plug).
- NEMA 3R cabinet with control panel.

WATER REQUIREMENTS

- 10 PSI (0.69 BAR) constant pressure 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.
- Connection: 1-1/2" (38.10 mm) cam-and-groove quick disconnect female coupling for fire hose provided on machine.

MAINTENANCE

- If using potable water, nozzles need to be inspected once a year.
- Fan motor and high pressure pump should be greased every 10,000 hours.
- Turntable bearing should be greased on a regular maintenance schedule, or as needed.

NOISE

- Between 86 and 100 decibels at 0 feet.

PERFORMANCE ADDITIVES

- Full line of DustBoss surfactants, tackifying agents, or odor control agents can be used with optional dosing pump.

OPTIONS

- Unit is available with optional user-definable oscillation to allow up to 359° of movement. Standard oscillation provides 0°–40° of movement.
- Available on frame with skid mount or on a tower. Standard unit comes on three-wheeled carriage.
- Dosing pump can be added to unit for chemical applications.

DIMENSIONS

(standard carriage mount)

- 6.75 feet (81 inches or 2.06 meters) wide.
- 9.75 feet (117 inches or 2.97 meters) long.
- 7.17 feet (86 inches or 2.19 meters) tall.
- 1,800 lbs. (816.50 kilograms).

ENGLISH UNITS				
Supplied Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	22.2	23.9	25.4	26.7
Water Flow, no Booster Pump, gpm	12	14.6	16.9	18.9
METRIC UNITS				
Supplied Water Pressure, bar	2.8	4.14	5.5	6.89
Water Flow with Booster Pump, lpm	84	90.5	96.1	101.1
Water Flow, no Booster Pump, lpm	45.4	55.3	64	71.5
1½" Fire Hose Water Supply				

OUR WARRANTY

3-year/3,000-hour warranty.