



DB-60

GENERAL SPECIFICATIONS

- > 30,000 CFM (849.5 CMM) generated by fan.
- > 21,000 square feet (1,950 square meters) coverage.
- > Oscillator gives 0–40 degrees of movement.
- > Adjustable angle of throw 0–50 degrees of height adjustment.

ELECTRICAL SPECIFICATIONS

- > U.S.: 3 Phase / 25 HP fan / 480 Volt / 60 Hertz.
Full load current is 46 amps. 60 Kw gen set is recommended.
- > Other motor options available, including all international electrical motors:
 - 380 Volt / 3 Phase / 50 Hertz (Europe, Middle East, N. Japan, Latin America)
 - 400 Volt / 3 Phase / 50 Hertz (Japan, Korea, New Zealand and Australia)
 - 575 Volt / 3 Phase / 60 Hertz (Eastern Canada)
- > Motors are designed with a 1.3 service factor capable of operating at +/- 10% of design voltage.
- > 10 HP (7.5 Kw) high pressure booster pump with no lift.
- > 1/8 HP (0.1 Kw) oscillator.
- > 150 foot (46 meters) electrical cord.
- > No male plug, "bare wired" is standard. Any plug is extra cost.
- > UL-Listed cabinet with control panel.

WATER SPECIFICATIONS

- > 10 PSI (0.689 BAR) constant pressure needs to be delivered to booster pump. Maximum water pressure should not exceed 100 PSI (6.89 BAR).
- > Maximum PSI delivered by booster pump is 200 PSI (13.79 BAR).
- > Filter included and should be used for potable and nonpotable water. (Filter system in-line 30 mesh 595 micron).
- > 1-1/2" (38.1 mm) cam-and-groove quick disconnect female coupling for fire hose provided on machine.
- > 30 brass nozzles (also available in stainless and nylon).
- > Droplet size 50–200 microns.
- > Throw 200 feet (60 m).

ENGLISH UNITS	WITHOUT BOOSTER PUMP				WITH BOOSTER PUMP		
Water Pressure, psi	40	60	80	100	160	180	200
Water Flow, gpm	12	14.6	16.9	18.9	23.9	25.4	26.7
METRIC UNITS							
Water Pressure, bar	2.8	4.14	5.5	6.89	11	12.4	13.8
Water Flow, lpm	45.3	55.4	64.0	71.6	90.5	96.0	101.2
1-1/2" FIRE HOSE WATER SUPPLY							

NOISE LEVELS

- > If you are standing 150 feet away facing the front of the machine, the DBA is 67.
- > If you are standing 75 feet away facing the side of the machine, the DBA is 65.

DIMENSIONS

- > 6.75 feet (81 inches; or 2.06 meters) wide.
- > 9 feet (108 inches; or 2.97 meters) long.
- > 6 feet (72 inches; or 1.8 meters) tall.
- > 1800 lbs. (816.5 Kilograms)

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.
- > Oscillator greased for life.

CHEMICAL ADDITIVES

- > Can be used with surfactant to improve binding of dust particles or with tactifying agents to seal the ground to prevent dust from becoming airborne.
- > Odor control chemicals can be used to help eliminate odor.

OPTIONS

- > Dosing Pump can be added to unit for chemical applications.
- > Filter system.

Dust Control Technology® **GUARANTEE**

Rent this unit for 1 week and if you're NOT satisfied, return it, and no rent is charged.

