

DB-60 SPECS >

GENERAL SPECIFICATIONS

- > 30,000 CFM (849.50 CMM) generated by 25 HP fan.
- > 21,000 square feet (1,950 square meters) coverage. More than 125,000 square feet (11,613 square meters) coverage available with optional 359° oscillation.
- > Oscillator gives 0–40° of movement on standard unit. Unit can also be equipped with optional increased oscillation, up to 359°.
- > Adjustable angle of throw 0–50° 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. Motor is designed with a 1.15 service factor capable of operating at +/- 10% of design voltage.
- > Other motor options available, including all international electrical motors:
 - 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)
- > 380, 400, 415 volt / 50 Hz motors are designed with a 1.00 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 (0.10 Kw) oscillator.
- > 150 foot (45.72 meters) 6/4 electrical cord. Other options available.
- > No male plug, "bare wired" is standard. Any plug is extra cost.
- > Cabinet with control panel.

WATER SPECIFICATIONS

- > 10PSI (0.69 BAR) constant pressure needs to 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 200 PSI (13.79 BAR).
- > Filter is included and should be used at all times. Contact us for recommendations when using non-potable water. (Filter system in-line 30 mesh 595 micron).
- > 1-1/2" (38.10 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 of 50–200 microns.
- > Throw 200 feet (60 meters).

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

WITH BOOSTER PUMP	CONTROL PANEL SIDE	BACK SIDE OF FAN	OPPOSITE SIDE	DISCHARGE
0 feet	92	103	92	100
12 feet	86	89	84	88
WITHOUT BOOSTER PUMP	CONTROL PANEL SIDE	BACK SIDE OF FAN	OPPOSITE SIDE	DISCHARGE
0 feet	86	101	88	96
12 feet	80	87	80	84

DIMENSIONS

ON STANDARD WHEELED CARRIAGE

- > 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).

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 bearing should be greased on a regular maintenance schedule, or as needed.

CHEMICAL ADDITIVES

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

OPTIONS

- > Unit is available with optional increased oscillation, up to 359°. Standard oscillation provides 0–40° of movement.
- > Available on frame with skid mount. Unit comes standard on wheeled carriage.
- > Dosing pump can be added to unit for chemical applications.

WARRANTY

- > Unit is covered by a 3-year/3,000-hour warranty.