BOSSTEK

The industry standard DustBoss® 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°).

DUSTBOSS® DB-60

DUSTBOSS®
CANNONS



SYSTEM VARIATIONS

THE DUSTBOSS® DB-60 USES ATOMIZED MIST TO TRAP AIRBORNE PARTICLES AND BRING THEM TO THE GROUND. PRODUCING DROPLETS IN THE IDEAL 50 - 200 MICRON RANGE, DUSTBOSS MIST CANNONS AVOID THE SLIPSTREAM EFFECT TO PROVIDE EFFECTIVE DUST SUPPRESSION.

DUSTBOSS EQUIPMENT IS BUILT TO WITHSTAND THE HARSHEST JOB SITES WITH OUR FIRST UNITS STILL ACTIVE MORE THAN 20 YEARS LATER! WE STAND BEHIND OUR QUALITY EQUIPMENT AND KNOW IT WILL LAST FOR YEARS TO COME. BACKING OUR BELIEF, WE OFFER A 3 YEAR, 3,000 HOUR WARRANTY FOR THE DUSTBOSS DB-60 CANNON.



DB-60

SPECIFICATIONS

GENERAL SPECIFICATIONS

- Throw: 200 feet (60 meters).
- Fan: 30,000 CFM (849.50 CMM) with 25 HP fan.
- Standard 40° oscillation coverage: 14,000 square feet (1,300 square meters).
- Optional 359° oscillation coverage: 125,000 square feet (11,612 square meters).
- Adjustable throw angle: 0° - 50° pitch.
- Nozzles: 30 brass (also available in stainless and nylon).
- Droplet size: 50 - 200 microns.
- Premium efficiency direct-drive motor.

NOISE

- Between 86 and 100 decibels at 0 feet.

WATER REQUIREMENTS

- Recommended water pressure: 40 - 90 PSI (2.75 - 6.21 BAR) with the booster pump.
- Maximum water pressure: 100 PSI (6.89 BAR) with the booster pump.
- Maximum water pressure delivered by booster pump: 250 PSI (17.24 BAR).
- Connection: 1-1/2" (38.10 mm) cam-and-groove quick disconnect for fire hose.
- In-line 30-mesh (595-micron) filter system (included) should be used at all times.
- Contact us for recommendations if using non-potable water.

ELECTRICAL SPECIFICATIONS

- U.S.: 3 phase / 25 HP fan / 480 volt / 60 hertz.
- Full load current: 46 amps.
- 45 kW generator is recommended.
- Oscillator: 1/8 HP (0.10 kW).
- Booster pump: 10 HP (7.5 kW) with no lift.
- 150 foot (45.72 meters) 8/4 type W bare wired electrical cord.
- NEMA 3R control panel enclosure.

DIMENSIONS

(Standard: carriage mount)

- 6.75 feet (81.00 inches or 2.06 meters) wide.
- 9.75 feet (117.00 inches or 2.97 meters) long.
- 7.17 feet (86.04 inches or 2.19 meters) tall.
- 1,800.00 lbs. (816.47 kilograms).

(Shipping: crated)

- 5.33 feet (63.96 inches or 1.63 meters) wide.
- 7.08 feet (84.96 inches or 2.16 meters) long.
- 7.17 feet (86.04 inches or 2.19 meters) tall.
- 2,270.00 lbs. (1,029.66 kilograms).

MAINTENANCE

- For potable water, inspect nozzles once a year.
- Grease fan motor every 10,000 hours.
- Grease turntable bearing on a regular maintenance schedule or as needed.

OPTIONS

- User-definable 359° oscillation.
- Non-potable water filter solutions.
- Variable frequency drive (VFD) for adjustable fan throw distance.
- Quick release manifold for easy manifold and nozzle removal.
- Additional mounting: skid / tower / trailer.
- Injektor™ dosing system available for additive dispersion.

WARRANTY

CANNON: 3 YEAR / 3,000 HOUR

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

TELEMET
Efficiency Through Simplicity™

Advice, spare parts and service

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