BOSSTEK

The DB-45 Surge® center nozzle applies high-powered jets of water to dust control, cutting through the air with a throw of over 200 feet (60 meters). The Surge unit boasts custom ranged oscillation and a user-friendly remote control.

DB-45 SURGE®

STANDARD FEATURES



CENTER NOZZLE

THE DUSTBOSS® DB-45 SURGE® CENTER NOZZLE IS DESIGNED TO CUT THROUGH TOUGH WINDS AND REACH HIGH-POSITIONED DUST GENERATING JOBS. WITH 3 FLOW LEVELS USING THE CENTER NOZZLE AND SPRAY MANIFOLD, THE SURGE PROVIDES VERSATILITY TO DUST CONTROL.

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-45 SURGE CANNON.



DB-45 SURGE®

SPECIFICATIONS

GENERAL SPECIFICATIONS

- Throw: 200 feet (60 meters).
- 3 stage flow level system to switch between center nozzle levels, misting ring or both.
- Standard 260° oscillation coverage: 90,757 square feet (11,613 square meters).
- Create custom oscillation ranges with local or remote controls.
- Remote control for complete system operation in the 1,000 foot range.
- Fan: 30,000 CFM (849.50 CMM) with 25 fan.
- Adjustable throw angle: 0° - 50° pitch.
- Anodized aluminum "fire nozzle" style center nozzle with adjustable pattern.
- Nozzles: 30 brass (also available in stainless and nylon).
- Integrated fan & nozzle ring design for safety.
- Premium efficiency direct-drive motor.

NOISE

- Between 86 and 100 decibels at 0 feet.

WATER REQUIREMENTS

- Recommended water supply: 50 PSI - 100 PSI.
- Minimum inlet pressure: 10 PSI (0.69 BAR) to booster pump.
- Maximum inlet pressure: 150 PSI (6.89 BAR) to booster pump.
- In-line 30-mesh (595-micron) filter system.
- Connection: 2" fire hose or larger.

ELECTRICAL SPECIFICATIONS

- U.S.: 3 phase / 25 HP fan / 480 volt / 60 hertz.
- Full load current: 46 amps.
- Gen set recommendation: 45 kW.
- Available soft start to lower the initial in-rush.
- Booster Pump: 15 HP.
- Oscillator: 1/8 HP (0.10 kW).
- 150 foot (45.72 meters) 8/4 type W bare wired electrical cord (no male plug).
- NEMA 3R control panel enclosure.
- Recommended plug: Hubble #HBL 460P5W or equivalent.
- Other motor options available, including all international electrical motors.

DIMENSIONS

(Standard: trailer mount)

- 7.8 feet (94 inches or 2.37 meters) wide.
- 11.8 feet (141.6 inches or 3.59 meters) long.
- 9 feet (108 inches or 2.74 meters) tall.
- 3,350.00 lbs. (1,519.53 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

- Non-potable water filter solutions.
- Quick release manifold for easy manifold and nozzle removal.
- Skid and tower mounts.

WARRANTY

CANNON: 3 YEAR / 3,000 HOUR

DB-45 SURGE WATER USAGE		FLOW RATE @	
STEP #	FLOW PATH STEP	MIN FLOW	MAX FLOW
1	SPRAY RING ONLY	17 GPM	27 GPM
2	CENTER NOZZLE ONLY	30 GPM	60 GPM
3	BOTH RING AND NOZZLE	42 GPM	71 GPM

TELEMET
Efficiency Through Simplicity™

Advice, spare parts and service

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