

DB-R SPECS



Introduced to address dust issues at conveyor discharge points, the DustBoss Ring creates a curtain around material flow for outstanding particle containment. Engineered for industrial strength and longevity, the DB-R surrounds the discharge flow on all sides, providing simple, focused dust management that's well suited to continuous duty, such as radial stackers.

**WHEN IT COMES TO DUST,
WE'VE GOT YOU COVERED.**



DustControlTechnology®

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GENERAL SPECIFICATIONS

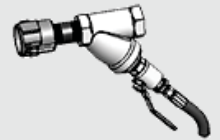
- Stainless steel misting ring designed for mounting at the end of conveyor belts or around chutes or hoppers to aid in dust suppression at the discharge point.
- Variable configuration allows nozzles to be added, removed or replaced with different sizes to suit specific applications.

BENEFITS

- The DB-R creates a curtain of mist around the discharging material to contain particle flow, and provides:
 - > Simple, focused dust control.
 - > Continuous duty on radial stackers.
 - > Customizable options with Variable Particle Sizing (VPS) Technology.

WATER SPECIFICATIONS

- Water hose connects directly to NPT male threads on the ring. Hose may be supplied with the unit as an option.
- Droplet size of 50–200 microns.
- Filter is included:
 - > For 17": 75 mesh (200 micron)
 - > All other sizes: 30 mesh (595 micron)



OPTIONS

- Pump can be added to the unit to increase water flow and pressure.
- Unit can be equipped with a two-way valve to provide manual control over water flow.
- Multiple nozzle types and sizes are available.
- Bracket for easy installation on conveyors (more info below)

MAINTENANCE

- If using potable water, nozzles need to be inspected once a year.

WARRANTY

- Stainless steel ring is covered by a full 3-year warranty.

STANDARD CONFIGURATIONS

PART NUMBER	DESCRIPTION	NOZZLE COUNT	WATER FLOW (70 PSI)	Hookup (NPT Male Thread)
DUSTBOSS-R-17	17" DB-R	30	2.34 gpm (8.87 lpm)	3/4"
DUSTBOSS-R-23.5	23.5" DB-R	18	9.52 gpm (36.02 lpm)	1"
DUSTBOSS-R-26	26" DB-R	30	15.86 gpm (60.04 lpm)	1"
DUSTBOSS-R-30	30" DB-R	30	15.86 gpm (60.04 lpm)	1"
DUSTBOSS-R-42	42" DB-R	30	15.86 gpm (60.04 lpm)	1"
DUSTBOSS-R-48	48" DB-R	30	15.86 gpm (60.04 lpm)	1"
DUSTBOSS-R-54	54" DB-R	30	15.86 gpm (60.04 lpm)	1"
DUSTBOSS-R-72	72" DB-R	38	20.09 gpm (76.05 lpm)	1.5"
DUSTBOSS-R-100	100" DB-R	82	43.35 gpm (164.1 lpm)	1.5"

UNIVERSAL MOUNTING BRACKET

- For ease of installation on conveyors
- Durable construction
- Also covered under full 3-year warranty

