

Dust Fighter 7500 - Dust Suppression Machine

Technical Specifications

Electrical fan	15 HP	Electric	Three-phase/480v/60Hz
Water connection	1.5" Quick Disconnect	Average water pressure	87 PSI
Nominal pressure	Min 29 Psi - Max 159 Psi	Coverage	9604-17161 sq ft *no wind
Water consumption	9 gallons/min 145 Psi	Type of water	Potable/Not potable
Water filter	Yes	Manual oscillation	360°
Dimensions (LxWxH in)	130"x72"x86"	Weight	1522 lbs

Standard Equipment

Three-phase/480v/60Hz
Pressure gauge
2 x Height adjustable stabilizers
Control panel
Complete with undercarriage and forklift pockets.
Integrated booster pumps to control the correct working pressure.

Optional Equipment

Automatic oscillation system managed from the control panel; the range of work can cover from 0° to 300°.
Pump for chemical additives.
Remote control to switch the Dust-Fighter On & Off, Pump. On & Off, & electrical rotation (if present).

Notes

If you are powering the Dust-Fighter from a generator we suggest you use a 20KW-480V generator, or larger.



Spec Sheet - Dust Suppression Machines



0 ft

65 ft
DF3000

99 ft
DF5000

131 ft
DF7500

164 ft
DF15000

197 ft
DF20000

250+ ft
The Dust
Destroyer

Model	Coverage Sq. Ft.	Water Throw @ 18.5°	GPM Range	Power Requirements	Oscillation Range	Remote Control	Electric Motor Size
DF3000	1025 - 4200	Up to 65 ft	3.25 GPM @ 145 PSI	7.5 Kw	0 - 300°	Yes	5 HP
DF5000	4200 - 9600	Up to 99 ft	4.84 GPM @ 145 PSI	10 Kw	0 - 300°	Yes	7.5 HP
DF7500	9600 - 17200	Up to 131 ft	9.00 GPM @ 145 PSI	11 Kw	0 - 300°	Yes	15 HP
DF15000	17200 - 27000	Up to 164 ft	11.36 GPM @ 145 PSI	21 Kw	0 - 300°	Yes	25 HP
DF20000	27000 - 32400	Up to 197 ft	14.27 GPM @ 145 PSI	28 Kw	0 - 300°	Yes	29.5 HP
The Dust Destroyer	27000 - 42000	250+ ft	12 GPM @ 150 PSI 137.3 GPM @ 150 PSI	Self-contained	0 - 360° continuous or settings @ 30°-60°	Yes	80 HP Diesel Engine @ 2200 RPM