

Dust Fighter 20000 - Dust Suppression Machine

Technical Specifications

| | | | |
|-----------------------|--------------------------|------------------------|----------------------------|
| Electrical fan | 29.5 HP | Electrical Connection | Three-phase/480v/60Hz |
| Water connection | 1.5" Quick Disconnect | Average water pressure | 87 PSI |
| Nominal pressure | Min 29 Psi - Max 159 Psi | Coverage | 27000-32400 sq ft *no wind |
| Water consumption | 14 gallons/min 145 Psi | Type of water | Potable/Not potable |
| Water filter | Yes | Manual oscillation | 360° |
| Dimensions (LxWxH in) | 130"x72"x86" | Weight | 1830 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.

Notes

If you are powering the Dust-Fighter from a generator we suggest you use a 58KW-480V generator, or larger.

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).



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 |