

# THE DUST DEMOLISHER

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## SHARED SPECS

### GENERAL SPECIFICATIONS

- Oscillator gives 30-360° of movement
- Electronically controlled aiming for oscillation function
- Powered adjustable angle of throw -10 to +45° of height adjustment
- 330° of powered position adjustment
- Central lubrication where practical using Beka-Max components
- 1,000' line of sight radio remote control
- Single control point for "at machine" operation

### NOISE LEVEL

- 0 ft = 104 dBA
- 12 ft = 93 dBA

### WATER SPECIFICATIONS

- 30 brass nozzles on primary water ring
- 6 brass nozzles on secondary soaking ring
- Separate ball valve control for each water ring
- Quick disconnect water inlet fitting 2" diameter
- Water boosted by 150 PSI after going through booster pump

### POWER SPECIFICATIONS

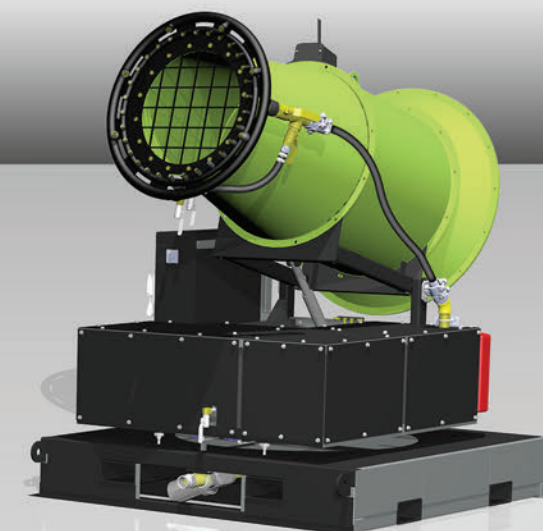
- 1/4 HP, 480 VAC oscillator motor
- 1.0 RPM rotation speed for oscillation
- Rotation supported by gear driven slewing ring
- 1/2 HP, intermittent duty 120 VAC throw adjustment motor



### HAWC 150-480V-E specs

Dimensions: 5.2'W x 7.3'L x 6.8'H  
Weight: 3,300 LBS

- 17,000 + CFM generated by fan
- In-line filter included (80 mesh, 177 micron)
- 15 HP, 480 VAC, 3-phase fan motor
- 11 HP, 480 VAC, 3-phase for booster pump
- 7,400 feet per minute fan outlet air velocity



### HAWC 200-480V-E specs

Dimensions: 5.2'W x 7.3'L x 6.8'H  
Weight: 3,400 LBS

- 18,000+ CFM generated by fan
- In-line filter included. (80 mesh, 177 micron)
- 20 HP, 480 VAC, 3-phase fan motor
- 13 HP, 480 VAC, 3-phase booster pump
- 8,100 feet per minute fan outlet air velocity

### PRIMARY (30) NOZZLE RING

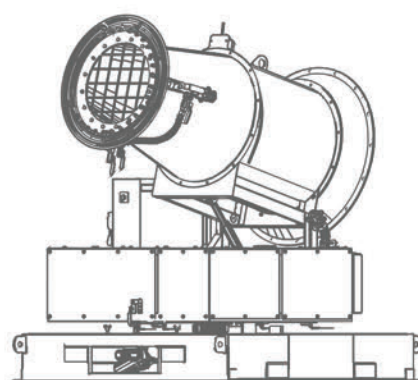
WATER PRESSURE (PSI)	40	60	80	100	120	140	150
WATER FLOW (GPM)	10.0	12.3	14.1	16.0	17.5	18.7	19.2

### SECONDARY (6) NOZZLE RING

WATER PRESSURE (PSI)	40	60	80	100	120	140	150
STANDARD WATER FLOW (GPM)	22	25	29	32	34	37	38

### WATER COVERAGE AND THROW

- COVERAGE: 65,000 sq ft
- THROW: 150 ft+



### PRIMARY (30) NOZZLE RING

WATER PRESSURE (PSI)	40	60	80	100	120	140	150
WATER FLOW (GPM)	10.0	12.3	14.1	16.0	17.5	18.7	19.2

### SECONDARY (6) NOZZLE RING

WATER PRESSURE (PSI)	40	60	80	100	120	140	150
STANDARD WATER FLOW (GPM)	28	32	36	40	43	46	48

### WATER COVERAGE AND THROW

- COVERAGE: 115,700 sq ft
- THROW: 200 ft+

