



**Dust Suppression System  
High Power Fog / Misting Cannon**

**Apache A-60**

# Dust Suppression Systems

## High Power Fog Cannon

### **APACHE A-60**





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### APACHE A-60

LOW PRESSURE 3 - 7 BAR



Apache A-60 industrial ventilator head view with detail of the three sectors single nozzle ring.



High power ventilator view of the A-60 fog cannon.



A-60 industrial dust suppression fog cannon: control panel with remote control detail.



Water distribution by solenoid valves and water filter installed on the A-60 industrial dust suppression fog cannon: 60

#### Apache A-60 dust suppression system

Code	Description	Dimension ( L x P x H ) cm	Weight Kg.
A60001	APACHE A-60 11Kw on SHORT COLUMN 115cm with C.BASEMENT,FILTER,CONTROL PANEL,REMOTE,PUMP	120 x 150 x 240	900
A60002	APACHE A-60 11Kw on SHORT COLUMN 115cm with CONCRETE BASEMENT,FILTER,CONTROLPANEL	120 x 150 x 220	
A60020	3 kW 7 BAR (100 PSI) High flow rate pump - 90 l/min		
A60022	Remote control KIT		
A60022	3 rubber wheels trailer		

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## High Power Fog Cannon

### APACHE A-60

A-60 is equipped with a high power turbine ventilator and thanks to its three concentric nozzles rings, it can spray a light rain with a throw of approximately 60 meter (170 feet).

#### BENEFITS

- lower labour costs
- better working conditions
- lower wearing of machinery and tools
- less o no puddles and trickles
- lower environmental pollution
- effective dust suppression on open spaces



#### APPLICATIONS

Dust suppression and humidification of open dusty surfaces, mining, general demolition work and bulk material handling, waste treatment facilities, stockpiles, discharging into ships, reclaiming from stockpiles, dumping, crushing and loading/unloading trucks. Cooling of large open spaces like stadiums, concerts, events and parks.

#### TECHNICAL FEATURES

- Max. working pressure 7 BAR
- Min. working pressure 3 BAR (best = 7 BAR)
- Nozzle no.: 60 (1 rings by 60 nozzles each)
- Max. area coverage 10.700 m2 approx.
- Air flow: 28.500 m3/h
- Water flow (with 24 GPH nozzles):

Apache A-60								
	Operating Mode		1 Low		2 Medium		3 High	
	Bar	psi	l/mn	gpm	l/mn	gpm	l/mn	gpm
Waterflow	7	100	30	7.92	60	15.84	90	23.76
Waterflow	3	44	15	3.96	30	7.92	45	11.88

#### ELECTRICAL FEATURES

- Absorbed power: 11 kW
- Voltage: 400V 50Hz (3P+N+G plug)
- IP protection: IP55

#### MECHANICAL FEATURES

- Rotation: 340°
- Elevation: -20° +45°
- Fan diameter: 660mm (26 in.)
- Fan speed: (RPM) 2800

#### PERFORMANCES

- Throw: 60 meters (170 feet)
- Noise level < 93 dB(A)



#### CONTROLS

- ON/OFF switch
- LEFT - RIGHT automatic rotation
- Adjustable elevation
- Adjustable/programmable working angle
- Fan start
- Water supply start (water pump/solenoid valves)
- START - STOP timer
- Flashing with alert sound

#### OPTIONALS

- Low pressure pump (7 BAR electric pump - 3 kW)
- Nozzle ring heater (quick defrost)
- Night lamp
- Remote control with battery charger (on/off and movement)

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**APACHE A-60**



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