



CICLONE CM5011 DUST FIGHTER



Product price:

23.600,00 € tax excluded

Product description:

CICLONE CM5011 DUST FIGHTER

CICLONE CM5011 Dust Fighter is a dust suppression system with a maximum throw of 50 metres, ideal for mining areas or large areas.

The CICLONE CM5011 is one of the fastest and most effective dust suppression and control systems.

The CICLONE CM5011 is part of a researched, field-tested technical design that is highly appreciated in the market. It improves working environments, optimises production processes and reduces purchase, operating and maintenance costs.

The power supply of the CICLONE CM5011 is 400V 50Hz, watertight electrical panel, industrial plug for power supply 32A-5 poles (no need for neutral wire).

This Dust Fighter CICLONE CM5011 is capable of covering an area of up to 7000 m2.

Water supply

The CICLONE CM5011 is equipped with a Lowara brand vertical multistage centrifugal electric pump with 23 stainless steel impellers, single delivery controlled by solenoid valve, 2,2 KW three-phase asynchronous motor, 10 bar operating pressure. Self-priming water intake for pressureless inlet or gravity feed from cistern Auxiliary valve for discharge and direct water cistern connection - pressure switch.

Technical characteristics CICLONE CM5011:

Range: 50 m

Water consumption: 45 lt/min with 10 bar BP pump - 21 lt/min with 70 bar High Pressure pump

Nozzle Crown: 45 self-cleaning stainless steel nozzles mounted on 1 ½" INOX ring pipe, single delivery feed controlled by solenoid valve

Drop size: 20>180 µm (drop size may vary depending on job)

Turbine rotation: 340° automatic on electromechanical slewing ring with servomotor, electronically programmable by PLC

Turbine inclination: -10° > +50° Manual with worm screw (electric actuator available)

Turbine fan: Die-cast aluminium fan, 5 blades, Ø 660 mm, 11 KW /2800 rpm motor with Soft-start electronic system

Air flow rate: 25000 m3/h

Noise level: 70db at 10 mt

Maximum area covered: 7000 m2

Length: 1700 mm

Width: 1500 mm

Height: 2400 mm

Dry weight: 770 kg





Looking for a Dust Fighter with different technical specifications? Here you can find the whole range of CICLONE or other specialized brands.

Images and technical data are not binding and may be subject to revision by the manufacturer.

Product features:

Frequency (Hz): 50

Voltage (V): 400

Throwing distance (m): 50

Air flow (m³/h): 25000

Acoustic pressure: 70 dB(A) at 10 m

Length (mm): 1700

Width (mm): 1500

Height (mm): 2400

Dry weight (Kg): 770