

D45 DUST SUPPRESSION & AIR POLLUTION CONTROL


Raincanon D45 is a high-performance Dust Suppression / Mist Cannon used for dust, odour and air pollution control in different applications. Equipped with a robust frame the D45 is built to last and is well suited for heavy duty applications such as Mining, Crushing, Demolition, Rental and Cement industry. Features as electric tilt, automatic main valve and automatic oscillation up to 360° to distribute water mist over large areas are standard. The D45 is connected to a standard 32A socket. It can be powered by 400V/50Hz or 480V/60Hz from the main grid or from a generator. A function to reduce power peaks at start up is built in as standard in the control system. The flow rate is adjustable to suit different applications. The water mist droplet size is between 20-200 microns which makes the D45 ideal for various applications.

**STEEL – MINING – DEMOLITION – BULK HANDLING – CRUSHING
 RECYCLING – CROWD COOLING – CEMENT – RENTAL – ODOUR CONTROL**

SPECS

Voltage/Frequency	400VAC/50Hz or 480VAC/60Hz
Current consumption	19 Amps (27 Amps @ 480VAC/60Hz)
Fan motor power	7,5 kW (11 kW @ 480VAC/60Hz)
Pump motor power	2,2 kW (3 kW @ 480VAC/60Hz)
Power connector	32 A – 5 pin
Effective throw range	35-45 m
Area covered	6.350 m ²
Water flow	12-60 LPM
Water connection	Thread 1" BSP (DN25)
Required in pressure	2-12 bar (min flow of 60 LPM)
Water quality	Portable / Filtered
Tilt angle	-20° / +50°
Auto oscillation	10° to 360° in steps of 10°
Operating temp	+1°C to +50°C
Length with fork stand	1.160 mm
Width with fork stand	1.100 mm
Height with fork stand	2.170 mm
Weight	415 kg

STANDARD EQUIPMENT

- Electric tilt
- Booster pump
- Run dry protection
- Filter system 300 micron
- Power peak override at generator operation
- Water drain valve
- Automatic oscillation system
- Chassis with heavy duty fork pockets
- Electric water main valve

OPTIONAL EQUIPMENT

- Wireless remote control

