

D80 DUST SUPPRESSION & AIR POLLUTION CONTROL


Raincanon D80 is a high-performance Dust Suppression / Mist Cannon with 55-80 meter range used for dust, odour and air pollution control in different applications. Equipped with a robust frame the D80 is built to last and can be a mobile or permanent installation. The D80 is well suited for heavy duty applications such as Mining, Crushing, Demolition, Rental and Cement industry. Features as electric tilt, automatic main valve and remote control are standard. Automatic oscillation up to 360° to distribute water mist over large areas are also standard. The D80 is connected to a standard 63A socket. It can be powered by 400V/50Hz 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 D80 ideal for various applications.

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


Specifications

Effective range 55-80 meter
 Area covered 20100 m²
 Voltage / Frequency 400 VAC/50 Hz
 Current consumption 55 Amps
 Fan motor power 30 kW
 Pump motor power 2,2 kW
 Power connector 63 A - 5 pin
 Water flow 25 - 100 LPM
 Water connection Thread 1" BSP (DN25)
 Required in pressure 2-12 bar
 Water quality Portable / Filtered
 Tilt angle -20° / +50°
 Automatic oscillation 10° to 360° 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
 Dry weight 500 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

Remote control