

The air purifiers

TEKA

Wet cyclone separator



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Description

Product No.: 20035005577

€26,130.00*

excluding VAT

Wet cyclone separator

The filter unit is appropriate for the filtration of aluminium grinding dust.

As the accumulation of aluminium grinding dust produces a potential risk of explosion, the interior of the WNA-AL protected against sparking due to the explosion-proof engine and the grounded internal parts.

The advantages of the unit are its simple and trouble-free operation. Pumps or jets which could create troubles are not used.

The air is cleaned by swirling the dust with water. The particles in the air flow are enclosed by water and bonded.

The extracted dust particles depose in the lower water tank and can be discharged by the ball valve which is installed at the lowest position of the unit and can be extracted through a maintenance flap.

The fan is suitable for continuous operation and is placed onto the unit by standard.

Properties

Fan design:	auf der Anlage, inkl. Schalldämpfer
Water consumption (l/h):	ca. 10
Water filling quantity during operation (litres):	ca. 280
Volumetric flow (m³/h):	5.000
max. pressure (Pa):	2.600
Engine power (kW):	5,5
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	9,6
Current type:	3Ph+N+PE
Filter control:	Wasserstandskontrolle, Differenzdruck-Überwachung
Engine control:	Stern-Dreieck-Schaltung
Separation efficiency (%):	> 80
Sound level (dB(A)):	ca. 74
Weight (kg):	ca. 650
Width (mm):	1.250
Depth (mm):	1.560
Height (mm):	3.220
Colour:	RAL 7016