

The air purifiers

TEKA

Wet cyclone separator



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Description

Wet cyclone separator

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 deposit 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

Engine control system design:	externally in the control cabinet with a 10 m connection cable
Fan design:	on the grounds
Intake manifold (mm):	NW 315, rear
Intake opening (mm):	NW 315 – rear
Water consumption (l/h):	approx. 15
Water filling quantity during operation (litres):	approx. 380
Volumetric flow (m ³ /h):	6.500
max. pressure (Pa):	2,700
Engine power (kW):	7.5
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	15.5
Current type:	3Ph+N+PE
Filter control:	Water level monitoring, differential pressure monitoring
Engine control:	Star-delta connection
Separation efficiency (%):	> 80
Ausblas:	NW 500, right-hand side, with curved silencer
Sound level (dB(A)):	74
Weight (kg):	750
Width (mm):	1,450
Depth (mm):	1,760
Height (mm):	3,285
Colour:	RAL 7016

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