

*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:	extern im Schaltschrank mit 10 m Anschlusskabel
Fan design:	auf der Anlage
Intake opening (mm):	NW 160 - hinten
Water consumption (l/h):	ca. 4
Water filling quantity during operation (litres):	ca. 200
Volumetric flow (m <sup>3</sup> /h):	1.500
max. pressure (Pa):	2.400
Engine power (kW):	1,5
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	3,5
Current type:	3Ph+N+PE
Filter control:	Wasserstandskontrolle, Differenzdruck-Überwachung
Engine control:	Motorschutzschalter
Separation efficiency (%):	> 80 (für Grobstaub)
Ausblas:	über Bogenschalldämpfer NW 250 - rechte Seite
Sound level (dB(A)):	75
Weight (kg):	450
Width (mm):	850
Depth (mm):	1.160
Height (mm):	2.660
Colour:	RAL 7016