Wet Cyclone Separator

Suitable for

Extraction of grinding dust – in special version also suitable to extract aluminium dust



Wet cyclone separator, Example with connected exhaust pipe

Description

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 set down 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 removed through a maintenance flap.

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

The engine of the wet cyclone separator requires very low maintenance

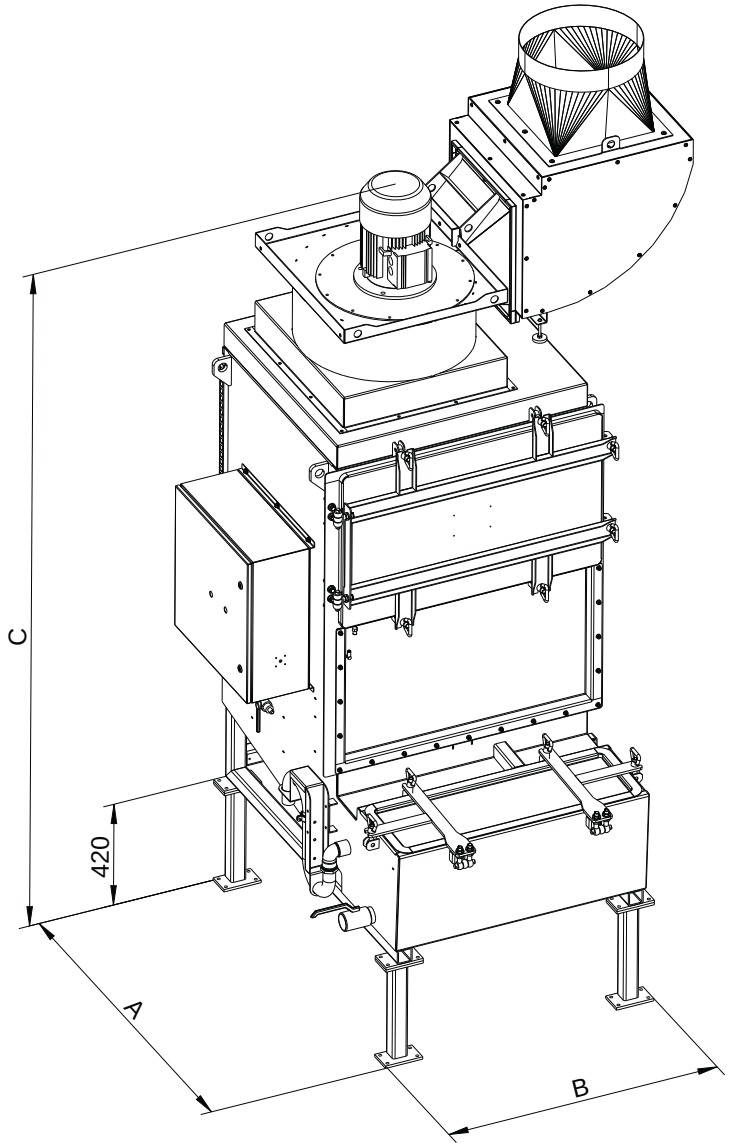
Standard equipment

- Stable, high performance fan with silencer
- Housing made of galvanized steel
- Ball valve for water outlet
- Water tanks
- Level control
- Shut-off valve
- Adjustable feet, 420 mm (use optional)

Technical Data

Wet cyclone separator	
Max. volumetric flow of the fan	1500 – 9 000 m³/h
Max. pressure	1400 – 2 700 Pa
Motor performance	1,5 – 11,0 kW

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Dimensions

	A	B	C
WNA 1500	1160 mm	850 mm	2660 mm
WNA 2000	1360 mm	1050 mm	2575 mm
WNA 3000	1360 mm	1050 mm	2625 mm
WNA 3500	1360 mm	1050 mm	2635 mm
WNA 5000	1560 mm	1250 mm	3220 mm
WNA 7500	1760 mm	1450 mm	3310 mm
WNA 9000	1760 mm	1550 mm	3320 mm

Available versions

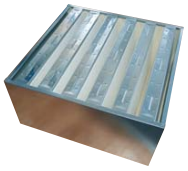
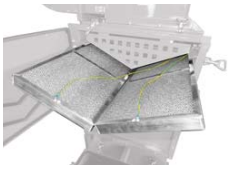
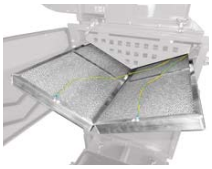
Wet cyclone separator

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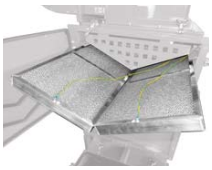
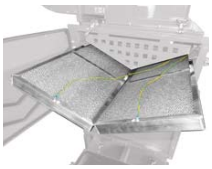
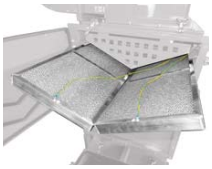
Max. volumetric flow of the fan	*1500 m³/h*	*2000 m³/h*	*3000 m³/h*	*3500 m³/h*	*5000 m³/h*	*7500 m³/h*	*9000 m³/h*
Motor performance	*1,5 kW*	*2,2 kW*	*3,0 kW*	*4,0 kW*	*5,5 kW*	*7,5 kW*	*11,0 kW*
Standard	**WNA 1500** 200350015	**WNA 2000** 200350022	**WNA 3000** 200350030	**WNA 3500** 200350040	**WNA 5000** 200350055	**WNA 7500** 200350075	**WNA 9000** 20035001502
For aluminium dust	**WNA-AL 1500** 20035001577	**WNA-AL 2000** 20035002277	**WNA-AL 3000** 20035003077	**WNA-AL 3500** 20035004077	**WNA-AL 5000** 20035005577	**WNA-AL 7500** 20035007577	**WNA-AL 9000** 2003500150277

Subject to changes and errors. Illustrations may contain optional equipment.

Accessories for **Wet Cyclone Separator**

	Recirculating air filter attachment for WNA-1500 / WNA-1500-AL		20035015007	RGC
	Recirculating air filter attachment for WNA und WNA AL 2000/3000		20035025007	RGC
	Recirculating air filter attachment for WNA-3500 / WNA-3500-AL		20035035007	RGC
	Recirculating air filter attachment for WNA und WNA AL 5000/7500		20035045007	RGC
	Recirculating air filter attachment for WNA-9000 / WNA-9000-AL		20035055007	RGC
	Replacement filter for post-filter: Hepa filter H13 for Recirculating air filter attachment for WNA	(up to WNA 3500 one cassette is required, as of WNA 5000 two cassettes are required)	10030200350	RGC
	Wire mesh filter in aluminium 295 x 595 x 50 mm for WNA-1500 / WNA-1500-AL	Two filters per unit	200351500	RGC
	Wire mesh filter in aluminium 405 x 795 x 50 mm for WNA and WNA AL 2000/3000/3500	Two filters per unit	200353500	RGC

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	Wire mesh filter in aluminium 995 x 515 x 50 mm for WNA-5000 / WNA-5000-AL	Two filters per unit	200355000	RGC
	Wire mesh filter in aluminium 625 x 1195 x 50 mm for WNA und WNA AL 7500	Two filters per unit	200357500	RGC
	Wire mesh filter in aluminium 680 x 1195 x 50 mm for WNA-9000 / WNA-9000-AL	Two filters per unit	200359000	RGC

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