

Wet Separators NA-K



Wet Separator NA-K

Application Range

- » Extraction of individual and multiple workstations with sticky and damp types of dust, especially metal dust
- » Central extraction system connected to a trunk line for dust extraction from multiple workstations
- » For applications where lots of spatter
- » Available with certification for extraction of aluminum dust



Ideal for

- Moist dust
- Sticky dust
- Metal shavings
- Metal dust
- Aluminum dust
- Flammable dusts

Special Versions

- » Special voltage
- » Muffler
- » ATEX version
- » Type examination for aluminum dust extraction (BGR 109)



NA-K in a tannery

ESTA PLUS

Special Feature

- » Highly recommended for metal grinding applications

Your Benefits

- » High extraction performance for sticky and damp types of dust
- » Ideal solution for applications with a high occurrence of sparks
- » Type approved versions save additional BG-spot verification
- » High filtration efficiency

Data dependent on equipment type

Technical Data

NA-K		1800	3600	6000
Max. Airflow	m ³ /h	2.160	3.125	5.150
Intake/outlet diameter	mm	180/280	224/280	280/300
Max. negative pressure	Pa	4.300	3.500	3.600
Motor	kW	3.0	5.5	7.5
Water content	l	290	390	390
Sludge container	l	50	50	50
Water connection		G 3/4"	G 3/4"	G 3/4"
Dimensions (L/W/H)	mm	800 × 800 × 2.940	950 × 950 × 3.460	950 × 950 × 3.460
Weight (without Water)	kg	340	510	530
Sound emission	dB(A)	83	86	89

Order Number

Standard version (without certificate)	45.183	45.363	45.603
NA-K B with design test certificate	45.182	45.362	45.601
NA-K VA with design test certificate	45.180	45.360	45.600

Dust Extractors

High Vacuum
Extraction Units

Welding Fume
Filters

Oil Mist
Separators

Carbon Filter

Downdraft
Tables

Extraction Fans

Extraction Arms

Fiter Towers

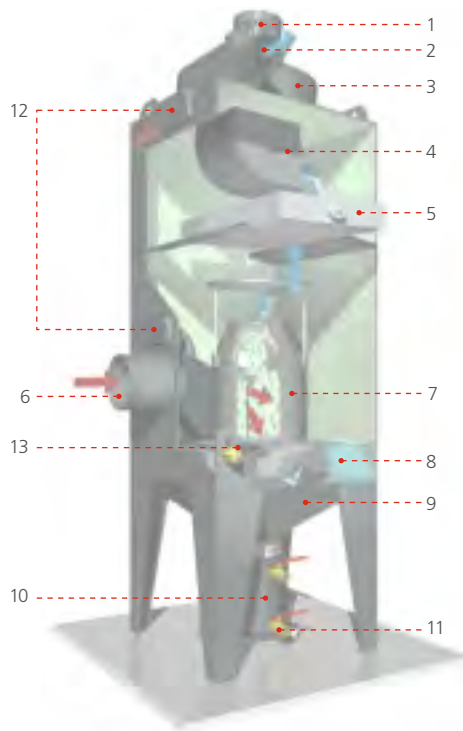
Central Extraction
Systems

Pipe Systems

Dust Extractors

Wet Separators

NA-K B / NA-K VA



NA-K (schematic illustration)

1. Motor
2. Clean air exhaust
3. Fan
4. Gas deflector
5. Mist collector
6. Dust laden air intake connection
7. Whirl chamber
8. Water
9. Tapered sludge collection area
10. Sludge container
11. Drain valve
12. Flapper valves
13. Magnetic valve with water connection for automatic filling



NA-K connected to a belt sanding machine

Certified Pre-separator for the extraction of aluminum dust

NA-K B

As opposed to standard version, the following stainless steel parts:

- » Fan (3)
- » Gas deflector (4)
- » Dust laden air intake connection (6)
- » Whirl chamber (7)
- » Sludge container (10)

Made of sheet steel:

- » Housing outside (explosion-proof motor)

Interior coating based on epoxy resin

NA-K VA

As opposed to standard version, all metal parts are made of stainless steel