

## NOM 4

### Oil mist filter for single CNC machines



The NOM 4 is an oil mist filter in compact design and therefore suitable for enclosed cabinet single CNC machines. The unit is easy to install and enables maximum flexibility in the workshop, as it is normally installed on top of the machine. The NOM 4 is suitable for emulsion mist.

- Low maintenance cost
- Self draining mist filter
- Easy to install
- High filtration efficiency
- Designed to fit into limited space with integrated fan

Product name	NOM 4
Noise level (dB(A))	66,1
Protection class	IP 55
Filter efficiency (%)	97,5
Compressed air requirement	No
Compressed air consumption	No
Installation	Indoor
Material	Housing made in oil resistant wet painted sheet metal.
Suitable for combustible dust	False
Material recycling (% weight)	69 (of weight)
Filter Area (m <sup>2</sup> )	3
Capacity (max airflow m <sup>3</sup> /h)	400
Operating Temperature	5 - 60 C
Filter type	Cartridge
Number of filter elements	1
Filter material	Glassfibre/Polyester
Power (kW)	0,37
Note	Includes HEPA filter with 5,5 m <sup>2</sup> filterarea and with 99,97% efficiency.










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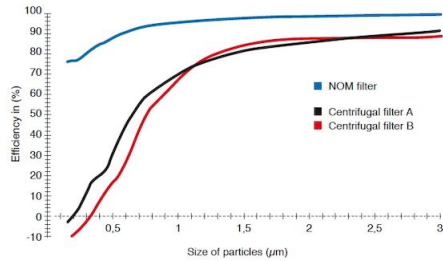
Description	Power Voltage (V)	Frequency (Hz)	No of phases	Amperage (A)	Weight (kg)	Model
NOM 4	230	50	1	3,15	29	12610368
NOM 4, HEPA	230	50	1	3,15	29	12610468*
NOM 4	400/230	50	3	1,0/1,75	29	12610568
NOM 4, HEPA	400/230	50	3	1,0/1,75	29	12610668*
NOM 4	115/230	60	1	5,4/2,9	29	12610168
NOM 4, HEPA	115/230	60	1	5,4/2,9	29	12610268*
NOM 4	230/460	60	3	1,75/1,0	29	12610768
NOM 4, HEPA	230/560	60	3	1,75/1,0	29	12610868*
NOM 4	220	60	1	2,9	29	12613068
NOM 4, HEPA	220	60	1	2,9	29	12613268*
NOM 4	380	60	3	0,97	30	12613168
NOM 4, HEPA	380	60	3	0,97	30	12613368*

\*Includes HEPA filter with 5,5 m<sup>2</sup> filterarea and with 99,97% efficiency.

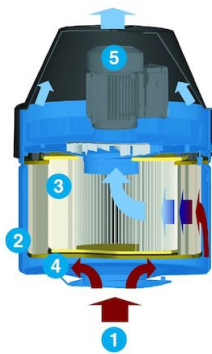
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Accessory		Part No
	Mainfilter (replacement) NOM 4 3m2	12373653
	HEPA 5,5m2 NOM 4 (replacement)	12373645
	Wall bracket.	10504035
	FMS 1-1.6 Fan Manual Starter incl. motor protector 1-1.6A	14502137
	FMS 2.5-4 Fan Manual Starter incl. motor protector 2.5-4A	14502337
	Drip tray NOM 4	12373657
	Machine stand NOM 4 including damper	12373705
	Pressure garge kit NOM 4	12373656

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Efficiency of the mainfilter for NOM, compared with typical centrifugal filters, tested with DOP



1. The contaminated air from the process is drawn into the lower chamber.
2. The pre-filter separates most of the largest particles and has a self-draining function, and therefore becomes saturated with oil which means that the filter can handle large amounts of emulsion. The pre-filter is washable. Filtration efficiency >97,5% for oilmist.
3. The HEPA filter meets the demands from authorities on efficient cleaning. All NOM filters can therefore be equipped with HEPA filter. The HEPA filter is not washable.
4. Return drainage pipe. The oil is drained back to a collecting tank or to the machine.
5. Integrated fan

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