

N SERIES FANS



FOR EXTRACTING FUMES, DUST PARTICLES AND CONTAMINANTS

Improving your workspace

Nederman N Series Fans

High quality motor for maximum reliability and energy efficiency



Fan casing in durable sheet steel designed for lowest sound level and high efficiency



Nederman fans are designed for optimum extraction volumes, lowest sound level and maximum reliability. The N series fans, which are specially designed to cover the power requirement for Nederman's extraction and filter products, come in four different sizes.

The fans are of such high quality that they are also suitable for mounting as freestanding fans to different types of extraction and supply applications. The quality motors guarantee low running costs and reliability even at frequent start and stop intervals.

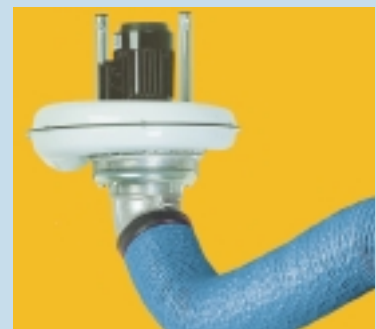
The N series – a corner stone for Nederman's products

The N series fan is a central component in Nederman's wide assortment of quality products for fume extraction and filtering as well as for vehicle exhaust extraction.





Design, as well as capacity in the form of connection flanges, sleeves and other peripheral equipment, is constantly developed to ensure that the fans stay as a well-integrated part of other Nederman products.



Filter

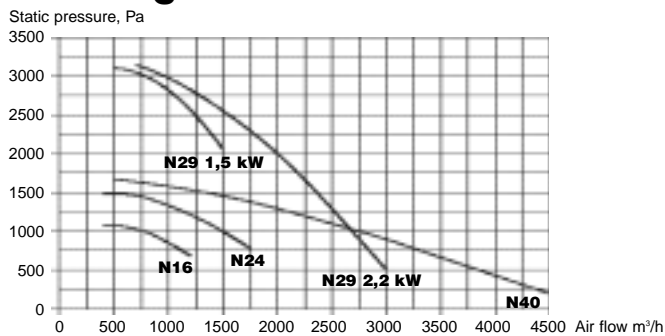


Fume extraction

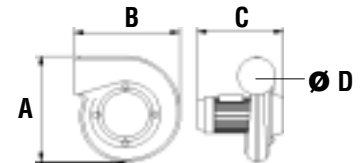
	Fan	Motor power	Frequency Hz	Voltage V	Current	Phase	Part No.
	N16	0.75 hp	50	110-120/220-240	8.4/4.2	1	14510121
		0.55 kW	50	220-240/380-420	2.4/1.4	3	14510521
		0.55 kW	50	500Y	1.39	3	14510221
		0.75 hp	60	110-120/220-240	8/4	1	14510321
		0.65 kW	60	240-280/440-480	2.4/1.4	3	14510621
	N24	0.75 kW	50	110-120/220-240	11/5.5	1	14510122
		0.9 kW	50	220-240/380-420	3.8/2.2	3	14510422
		0.9 kW	50	500Y	1.5	3	14510922
		1 hp	60	110-120/220-240	10/5	1	14510222
		1.5 hp	60	208-240/380-415, 480Y	4/2.3, 2.4Y	3	14511022
		1 hp	60	550-600Y	1.4	3	14511222
		1.2 hp	60	250-280/440-480	3.8/2.2	3	14510522
	N40	2.2 kW	50	200-240/380-420	8/4.6	3	14510123
		3.0 hp	60	208-240/380-415, 440Y	8/4.6, 5Y	3	14510223
	N29	1.5 kW	50	220-240/380-420	6.1/3.5	3	14520129*
		2.2 kW	50	220-240/380-420	8/4.6	3	14510129*
		1.5 kW	50	220-240/380-420	6.1/3.5	3	14520929
		2.2 kW	50	220-240/380-420	8/4.6	3	14510829
		2.2 kW	50	500Y	2.7	3	14511029*
		2 hp	60	208-240/380-415, 440Y	5.6/3.3, 3.6Y	3	14520529*
		3 hp	60	208-240/380-415, 440Y	8/4.6, 5Y	3	14510229*

*Fan N29 supplied with support bracket, for fixed mounting. For all other fans, supports are supplied as an accessory.

Fan diagram



Dimensions



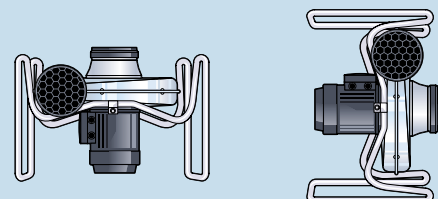
Fan	A	B	C	D
N16	478	457	321	160
N24	478	457	341	160
N40	493	582	482	250
N29	635	643	475	160
Incl. support	725	705	575	160

Freestanding design



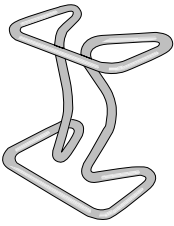
Vehicle exhaust extraction

For freestanding use, the fan is available with a support bracket, which offers the freedom to mount the N series where you want. Suitable for ceiling, floor, or wall mounting.



Accessories

Support bracket



The support bracket serves as an independent wall mounting and protects fan and motor. Set consists of stand made of galvanized steel pipe, intake and exhaust manifolds (not N40), hose clamps and stand-mounting clamps.

Part No.

14510126
14510226

for fan types N16/N24
for fan type N40

Silencer



Mounts easily between fume extractor arm and fan. Sound absorption approx. 4 dB (A) depending on fan type and position of silencer. Height 277 x Ø 260.

Part No.

14502626
14502126

Silencer for Nederman 5000
Silencer for Nederman Original

Wall bracket for silencer

Part No.

14343089

For wall mounting the silencer

Portable fan



Fans N16 and N24 also supplied as portable fan. Please contact your Nederman dealer for further information.

Sound absorbing enclosure



The N fans even come in a sound absorbing enclosure. See separate product brochure.

Further technical information

Technical description for each model is available from your Nederman dealer.

**Recycling,
% of weight:** 95%

Weight

N16	13 kg
N24	17 kg
N29 (1.5 kW)	28 kg
N29 (2.2 kW)	32 kg
N40	29 kg

In order to avoid damage to the electrical parts of the motor, it is essential that the fans are equipped with suitable motor protection.

When combining fans with other Nederman products, information regarding suitable motor protectors can be found in separate brochure.

Nederman[®]
Improving your workspace

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Accredited to ISO 9001 and ISO 14001

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The majority of Nederman's products are manufactured within ISO 9001 and ISO 14001-certified Quality- and Environmental system. For more detailed information please contact us.