

NEDERMAN EXHAUST HOSE REEL 865 ELECTRIC MOTOR DRIVEN



DESCRIPTION

The best solution in workshops with a high ceiling, where overhead cranes etc. have to be considered, or where high vehicles must pass.

Operated via a hand unit either an IR control or pendant control. A receiving eye on the reel shows the status of operation. Electronic upper and lower limit switches reduce the risk of malfunction and unnecessary wearing of the hose.

Fan start/stop is automatically controlled. Mounting of fan on reel is possible. No programming is lost when a power failure occurs. If the power is cut, the electro-magnetic brake will lock the drum instantly.

FEATURES

- Convenient and safe operation
- Automatic fan or damper operation.
- Quick & easy installation reduces cost
- Settings for limit switches made from floor level
- Compact, modern design

TECHNICAL SPECIFICATIONS

Weight	Reel without hose: 31kg, With hose : 41-49kg
Bracket	The product, excluding fan, generates less than 65 dB
Reel operation	By remote (IR) or pendant control
IR signal carrier frequency	38 kHz
Connection Hose	Polyester/aluminium, Ø 160 mm

TECHNICAL SPECIFICATION

Ambient Temperature	-10°C to +50°C
Bracket	Galvanized steel, Separate - Simplifies installation
Drum Cylinder	Aluminium/zinc plated steel sheet
Colour	Blue, RAL5009, Zinc or Aluzinc-plated (metal parts)
Connection Hose	Polyester/aluminium, Ø 160 mm
Drive Unit, Gear	Planetary and sprocket gear in drum end, ratio 174:1
Drum end	Composite; 30% glass Integrated sprockets for drive gear
Drum shaft	Composite; 30% glass With ball bearing
Duct connection	Ø160 mm Max. exhaust temperature: 300°C
Electric drive unit	Voltage: 100/115/200 & 230/240V 1 phase Supply power: 325 VA Frequency: 50/60 Hz Degree of protection: IP44 Drive motor: 24V DC. Normal load 150-200W Max. load 240W, overload 300W
Frame side	Composite; 30% glass Integrated electric motor drive
Hose adapter	Aluminium Connects hose to internal duct
Indicator arm	EPDM (rubber) LED indicators showing reel status With receiving eye for remote control
Internal duct	Rolled, aluminium plated steel band Highly corrosion resistant
Lifting capacity	Load max. 30 kg (all hose diameters)
Limit switches	Electronic Integrated in drive unit Adjustable from floor level Operate coiled and uncoiled hose (plus counter)
Reel framework	Zinc-plated, square steel tube

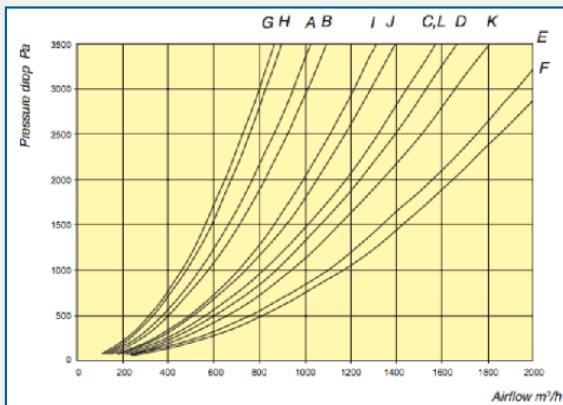
AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

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HOSE REELS

Power Voltage (V)	Type of Hose	Body Type	Diameter of Hose	Hose Length	Weight	Max Hose Length	Part No	AES Part Code
100-230	NR-CP	Wide	100	7.5	41-49	12.5	20802965	DF-VR02-001
100-230	NFC-3	Wide	100	7.5	41-49	12.5	20803065	DF-VR02-002
100-230	NR-CP	Wide	125	7.5	41-49	10	20803365	DF-VR02-003
100-230	NFC-3	Wide	125	7.5	41-49	10	20803465	DF-VR02-004
100-230	NFC-3	Wide	150	7.5	41-49	10	20803865	DF-VR02-005
100-230	NR-CP	Wide	150	10	41-49	10	20803965	DF-VR02-006
100-230	Without	Short	100	n/a	24	7.5	20809465	DF-VR02-007
100-230	Without	Wide	100	n/a	32	12.5	20802665	DF-VR02-008
100-230	Without	Wide	125	n/a	32	10	20802765	DF-VR02-009
100-230	Without	Wide	150	n/a	32	10	20802865	DF-VR02-010
100-230	Without	Wide	200	n/a	40	7	20809165	DF-VR02-011

PRESSURE DROP DIAGRAM



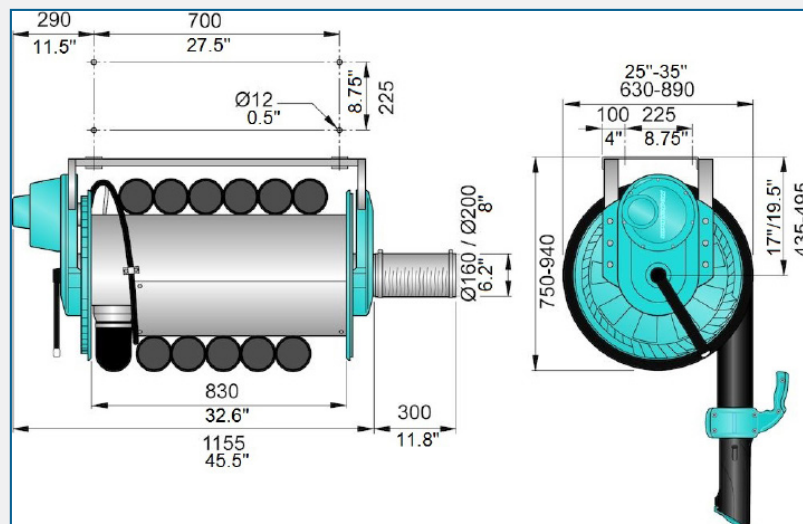
NR-CP

A	Ø100 mm, 10 m
B	Ø100 mm, 7.5 m
C	Ø125 mm, 10 m
D	Ø125 mm, 7.5 m
E	Ø150 mm, 10 m
F	Ø150 mm, 7.5 m

NFC-3

G	Ø100 mm, 10 m
H	Ø100 mm, 7.5 m
I	Ø125 mm, 10 m
J	Ø125 mm, 7.5 m
K	Ø150 mm, 10 m
L	Ø150 mm, 7.5 m

DIMENSIONS



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