

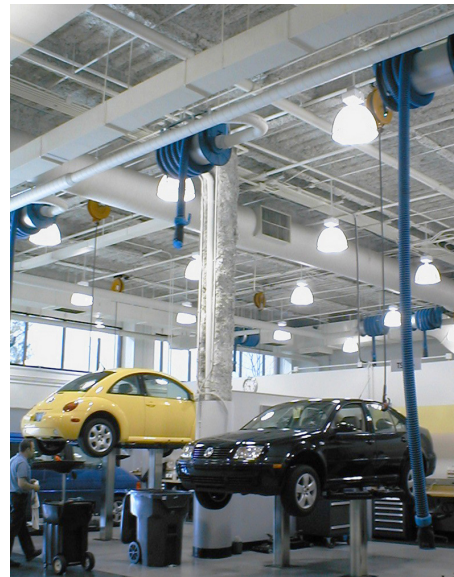
# Exhaust Hose Reel 865

## Electric Motor Driven



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.

- 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



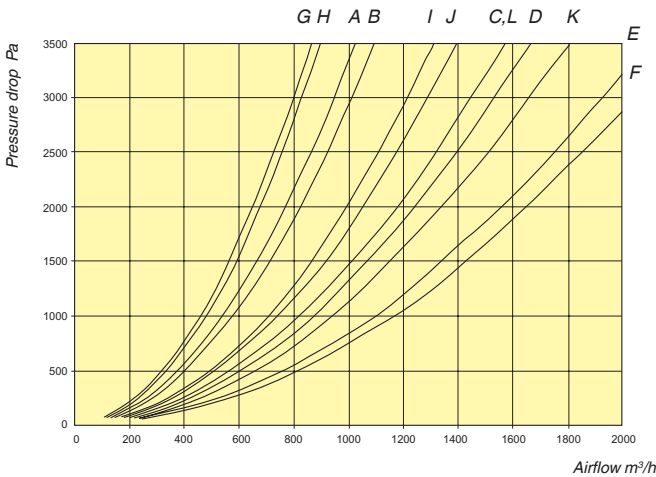
## Hose Reels

Hose Ø, mm (in.)	Hose type*	Hose length, m (ft) included	Max possible hose length, m (ft)**	Type of body	For hand control	Limit switches	Reel with hose Part no.	Reel without hose Part no.
100 (4)	NR-CP	7.5 (24)	12.5 (38)	wide	IR or pendant	X	20802965	
100 (4)	NFC-3	7.5 (24)	12.5 (38)	wide	IR or pendant	X	20803065	
100 (4)	-	-	7.5 (24)	wide	IR or pendant	X		20809465
100 (4)	-	-	12.5 (38)	wide	IR or pendant	X		20802665
125 (5)	NR-CP	7.5 (24)	10.0 (33)	wide	IR or pendant	X	20803365	
125 (5)	NFC-3	7.5 (24)	10.0 (33)	wide	IR or pendant	X	20803465	
125 (5)	-	-	10.0 (33)	wide	IR or pendant	X		20802765
150 (6)	NR-CP	10.0 (33)	10.0 (33)	wide	IR or pendant	X	20803965	
150 (6)	NFC-3	7.5 (24)	10.0 (33)	wide	IR or pendant	X	20803865	
150 (6)	-	-	10.0 (33)	wide	IR or pendant	X		20802865
200 (8)	-	-	10.0 (33)	wide	IR or pendant	X		20809165

\* Hose type - see separate section

\*\* Selection of additional hoses: see separate hose section

## Pressure drop diagram



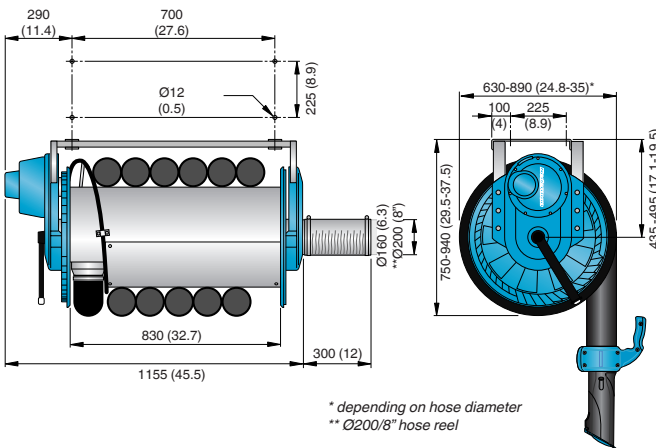
### NR-CP

- A. 100 mm (4"), 10 m (33')
- B. 100 mm (4"), 7.5 m (25')
- C. 125 mm (5"), 10 m (33')
- D. 125 mm (5"), 7.5 m (25')
- E. 150 mm (6"), 10 m (33')
- F. 150 mm (6"), 7.5 m (25')

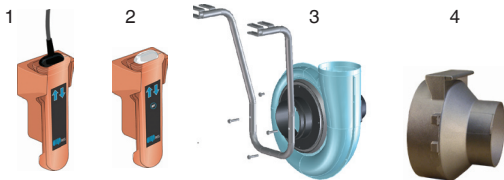
### NFC-3

- G. 100 mm (4"), 10 m (33')
- H. 100 mm (4"), 7.5 m (25')
- L. 125 mm (5"), 10 m (33')
- J. 125 mm (5"), 7.5 m (25')
- K. 150 mm (6"), 10 m (33')
- L. 150 mm (6"), 7.5 m (25')

## Dimensions



## Accessories



	Description	Part no.
1	Pendant control, incl. 5 m cable.	20373712
2	IR-transmitter (can be programmed with up to 8 individual codes)	20373522
3	Fan bracket	20373556
4	Hose adapter Ø100 mm	20373587
4	Hose adapter Ø125 mm	20373588
4	Hose adapter Ø150 mm	20373589
	Transformer for fan controls 230/24V, 75VA, 50 Hz	10361560
	Transformer for fan controls 230/24V, 25VA, 50 Hz	10363189

## Technical Data

**Ambient temperature**  
• -10°C to +50°C

**Bracket**  
• Galvanized steel  
• Separate  
• Simplifies installation

**Drum cylinder**  
• Aluminium/zinc plated steel sheet

**Colour**  
• Blue, RAL 5009  
• 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 and 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

**Electro-magnetic brake**  
• Prevents the drum from turning

**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 (puls counter)

**Reel framework**  
• Zinc-plated, square steel tube

**Reel operation**  
• By remote (IR) or pendant control (accessories)

**Remote control by IR**  
• No. of codes for individual operation of reel: 8  
• Operation range: minimum 10 m  
• IR signal wave length: 950 nm  
• IR signal carrier frequency: 38 kHz  
• IR transmitter spread angle at 50 % intensity ± 22°  
• IR-transmitter battery: 2 x 1.5VAAA  
• Battery life, normal use: 1 year

**Terminal for fan/damper**  
• Relay contact output for fan/damper control (2A/250VAC).  
(Potential free contact closes from signal to uncoil hose, and opens from signal to coil hose).  
• Voltage output relay for 24V DC fan contactor coil.  
Max. load 5VA. (Contact opens and closes as above).

**Weight**  
• Reel with hose and nozzle: 41–49 kg (depending on hose type, length, and diameter)  
• Reel without hose: 31 kg

## Environmental data

Sound level	The product, excluding fan generates, less than 65 dB
Recycling level	100 %
Energy consumption	325 VA Maximum

## Installation

- On ceiling or wall
- Max. mounting height depends on weight of hose+ nozzle
- Designed for indoor installations, but can be installed outdoors in protected areas (the metal components are protected against corrosion).

## Maintenance

- No maintenance required when exposed to normal wear. Cleaning of exterior, and regular check-ups according to instruction manual should be done.