

NEDERMAN EXHAUST FUME HOSE REEL 865 (SPRING RECOILED)



DESCRIPTION

For all types of vehicle workshops, etc. where the hose can hang at a reachable height. The patented spring drive makes the reel very easy to handle.

The reel is available with or without automatic damper, the one with a patented integrated automatic damper saves energy and reduces the noise level.

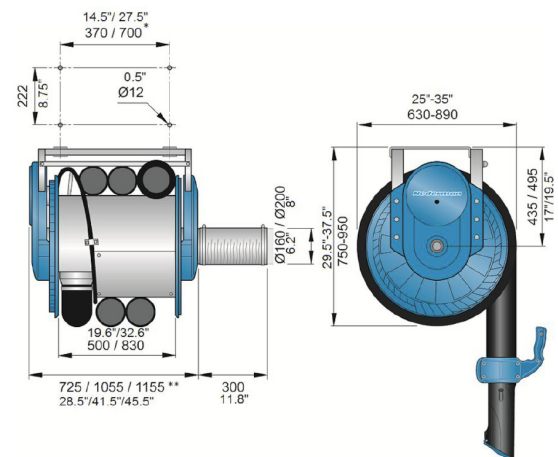
Optional retraction control is available for increased safety and efficiency. Two separate suspension brackets make mounting the reel a simple and safe procedure.

The brackets are fixed to the wall or ceiling before the light-weight reel is lifted directly on to the brackets. It is possible to mount the fan directly on the reel.

FEATURES

- Easy, balanced operation
- Quick & easy installation reduces cost
- Automatic fan/start stop (using the microswitch accessory) for energy savings
- Easy adjustment of lifting capacity
- Compact, modern design

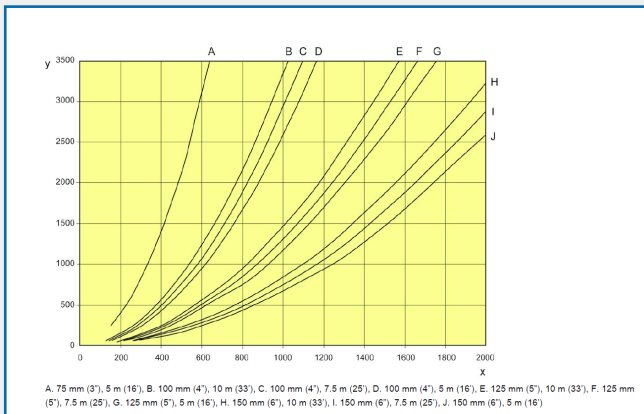
DIMENSIONS



*) short drum / wide drum

**) short drum / wide drum 100 - 150mm / wide drum 200mm

PRESSURE DROP DIAGRAM



For exhaust extraction systems in vehicle repair shops where engines are running without load and with low rpm's, the following air flows can be used as guidelines:

- Cars = 400 m³/h (110 l/s; 250 cfm)
 - Trucks = 1000 m³/h (280 l/s, 600 cfm)
- (pressure drop over reel when most of the hose is uncoiled)

X = m³/h

Y = Pa

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PART CODES

| Type of hose | Delivered with hose | Diameter, hose (mm) | Hose length (m) | Weight (kg) | Max hose length | Part No. |
|--------------|---------------------|---------------------|-----------------|-------------|-----------------|------------|
| NTP | Yes | 125 | 7,5 | 41-49 | 10 | 20801765* |
| NTP | Yes | 75 | 5 | 41-49 | 7,5 | 20800865* |
| NR-CP | Yes | 75 | 5 | 41-49 | 7,5 | 20801465 |
| | No | 75 | | 23 | 7,5 | 20800965 |
| NTP | Yes | 100 | 5 | 31-38 | 7,5 | 20810265* |
| NR-CP | Yes | 100 | 5 | 41-49 | 7,5 | 20800665 |
| NTP | Yes | 100 | 7,5 | 41-49 | 10 | 20810365* |
| NR-CP | Yes | 100 | 7,5 | 41-49 | 7,5 | 20805365** |
| NTP | Yes | 100 | 10 | 41-49 | 10 | 20811265* |
| NR-CP | Yes | 100 | 10 | 41-49 | 10 | 20801965 |
| | No | 100 | | 23 | 7,5 | 20800765 |
| | No | 100 | | 31 | 10 | 20800365 |
| NTP | Yes | 125 | 5 | 41-49 | 5 | 20800465* |
| NR-CP | Yes | 125 | 5 | 41-49 | 5 | 20801165 |
| NR-CP | Yes | 125 | 7,5 | 41-49 | 10 | 20802065 |
| NR-CP | Yes | 125 | 10 | 41-49 | 10 | 20802165 |
| | No | 125 | | 31 | 10 | 20800165 |
| NR-CP | Yes | 150 | 5 | 41-49 | 5 | 20801065 |
| NR-CP | Yes | 150 | 7,5 | 41-49 | 10 | 20802265** |
| NR-CP | Yes | 150 | 10 | 41-49 | 10 | 20802365** |
| | No | 150 | | 31 | 10 | 20804265 |
| | No | 150 | | 23 | 5 | 20804165 |
| | No | 200 | | 31 | 7 | 20809065* |

*Without damper

**Reinforced spring

HOSE SPECIFICATIONS

| Hose type | Specification | Temperature range, °C |
|-----------|--|---|
| NTP | | up to 150 °C |
| NRCP | Polyester fabric, EPDM/PP coated. Helix in Polyester with EPDM cover. Max bending radius 225 mm (inside) | -40 to +150 °C Deg. C (Intermittent +170 Deg. C) |

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