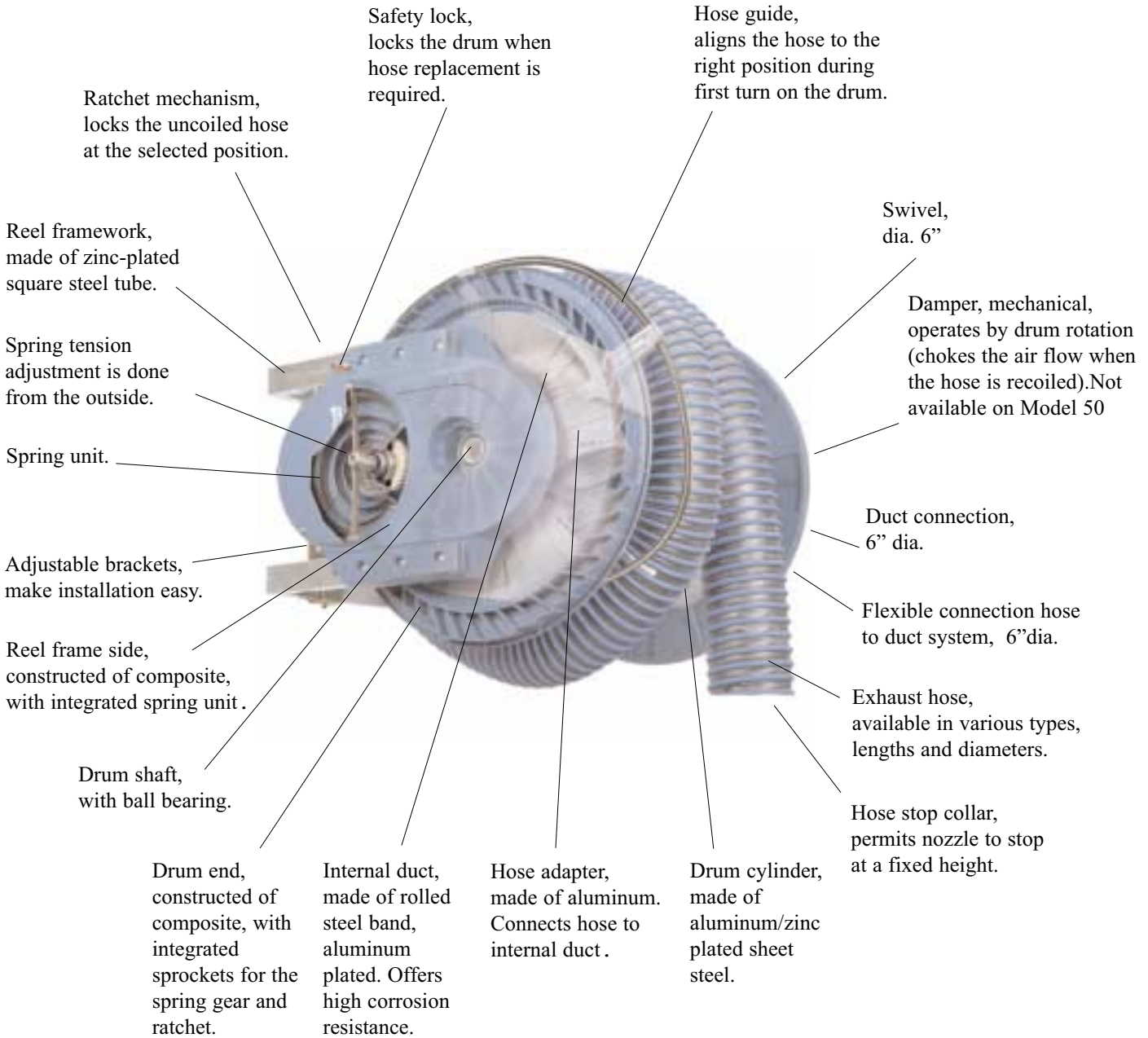


TECHNICAL DESCRIPTION

Exhaust Hose Reel ser. 865, spring recoil



Description



Spring gear and ball bearings provide maximum spring power and low internal friction. This results in low uncoiling forces and reliable coiling of the hose.

The exhaust hose reel is designed for indoor installations. However, since the metal components of the reel are protected against corrosion, the reel can be installed outdoors in protected areas.

Temperature Range

- Equipped with NR-CP or NR-B hose, the reel resists exhaust gas temperatures of +300°F continuously.
- Equipped with high temperature hose, the reel resists exhaust gas temperatures of +600°F under normal vehicle repair shop conditions.

Weight

- Short reel without hose: 50 lbs.
- Short reel with hose and nozzle: 68-87 lbs. (depending on hose type, length, and diameter)
- Wide reel without hose: 68 lbs.
- Wide reel with hose and nozzle: 90-108 lbs. (depending on hose type, length, and diameter)

Installation

- On ceiling or wall
- Maximum mounting height is 20 ft.

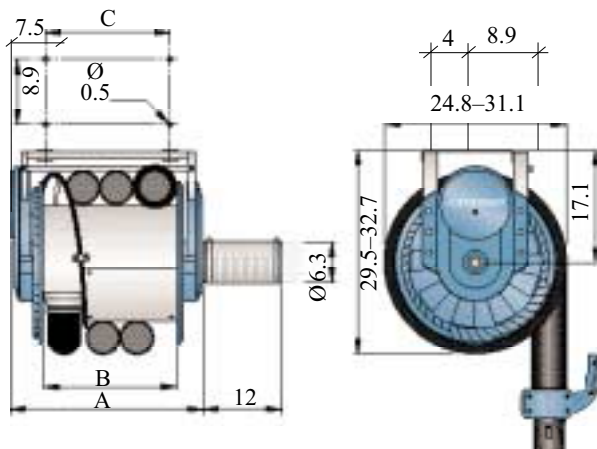
Maintenance

When exposed to normal wear, no maintenance on the reel is required. However, cleaning the exterior parts and checking the reel should be performed as outlined in owner's manual.

Colors

- Blue, RAL 5009
- Zinc-plated or aluzinc-plated (metal parts)

Dimensions, in .



* depending on hose diameter

Short Drum

A= 28.5
B= 19.7
C= 14.6

Wide Drum

A= 41.5
B= 32.7
C= 27.6

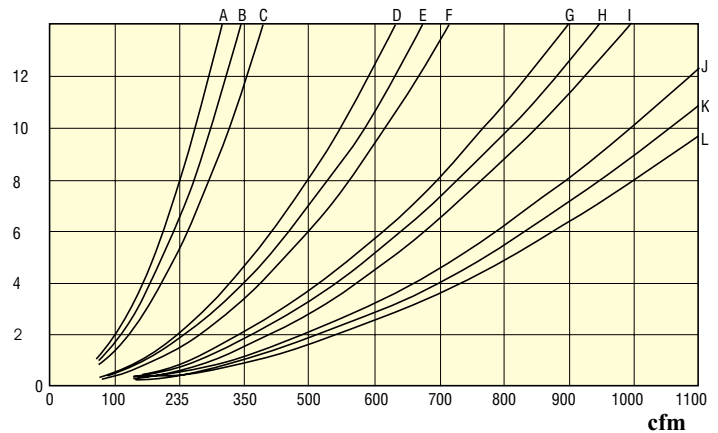
Air Flow

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 = 250 cfm Trucks = 600 cfm.

Pressure drop diagram (pressure drop over reel when most of the hose is uncoiled)

A. 3" X 33'	G. 5" X 33'
B. 3" X 25'	H. 5" X 25'
C. 3" X 16'	I. 5" X 16'
D. 4" X 33'	J. 6" X 33'
E. 4" X 25'	K. 6" X 25'
F. 4" X 16'	L. 6" X 16'

Pressure drop (static) in.



Environmental Data

For exhaust hose reel without hose.

Model	Weight, lb.	Recyclable weight-%
Standard, short body	23	100
Standard, wide body	31	100
Basic, short body	22	100
Basic, wide body	66	100

Hose Types

NR-CP

Rubber hose, crush-resistant, good flow characteristics, and high resistance to mechanical stress.

Made of EPDM coated polyester fabric with polyester helix.

Color: black with blue helix.

Temperature range: -40°F to +300°F

NR-B

Rubber hose, light weight, and high resistance to mechanical stress. Not crush-resistant.

Made of EPDM coated polyester fabric with steel helix.

Color: black with blue helix.

Temperature range: -40°F to +300°F

Hose Types (con't)

NS

Silicone high temperature hose, flexible and good flow characteristic.

Not crush resistant.

Made of two ply woven fiberglass coated with silicone rubber and a steel helix between the two layers.

Color: orange

Temperature Range: -50°F to + 600°F

Standard, narrow drum with damper

Part no.	Diameter Ø
20800965	3"
20800765	4"
20800565	5"
20804165	6"

Standard, wide drum with damper

Part no.	Diameter Ø
20800365	4"
20800165	5"
20804265	6"

Model 50 narrow drum without damper

Part no.	Diameter Ø
20804365	4"
20804465	5"
20804565	6"

Model 50, wide drum without damper

Part no.	Diameter Ø
20804665	4"
20804765	5"
20804865	6"

Hose Options

NR-CP Rubber Crush Resistant

Part#	Dia.x length	Part#	Dia.x length	Part#	Dia.x length
20800662	4" x 16'	20800762	5" x 16'	20800862	6" x 16'
20801562	4" x 24'	20807462	5" x 24'	20807562	6" x 24'
20801862	4" x 33'	20801962	5" x 33'	20802062	6" x 33'

NR-B Rubber Non Crush Resistant

Part#	Dia.x length	Part#	Dia.x length	Part#	Dia.x length
20809362	4" x 16'	20809762	5" x 16'	20810262	6" x 16'
20809462	4" x 24'	20809862	5" x 24'	20810362	6" x 24'
20809562	4" x 33'	20809962	5" x 33'	20810462	6" x 33'

NS-Silicone Hi-Temp

Part#	Dia.x length	Part#	Dia.x length	Part#	Dia.x length
006416	4" x 16'	006516	5" x 16'	006616	6" x 16'
006424	4" x 24'	006524	5" x 24'	006624	6" x 24'
006432	4" x 32'	006532	5" x 32'	006632	6" x 32'

Accessories

On/off switch

Starts/stops the fan when the hose uncoils/coils.

Part no. 20373557

Fan Bracket

For mounting of fan on reel.

Part no. 20373556

Hose Reducer

Used when a smaller extension hose is to be connected to the reel hose.

Part no. 20342483	Hose reducer 4" – 3"
20344354	Hose reducer 5" – 4"
20344353	Hose reducer 6" – 5"

Nozzle

See separate product brochure.

Fans

See separate product brochure.

Transformer for Fan controls

Part No. 10361560	230/24V, 75VA, 50Hz
10363189	230/24V, 25VA, 50Hz

Information provided in this brochure is subject to change without notice.

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Nederman, Inc.

39115 Warren

Westland, MI 48185

Telephone: (800) 575-0609 Fax: (866)571-2884

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