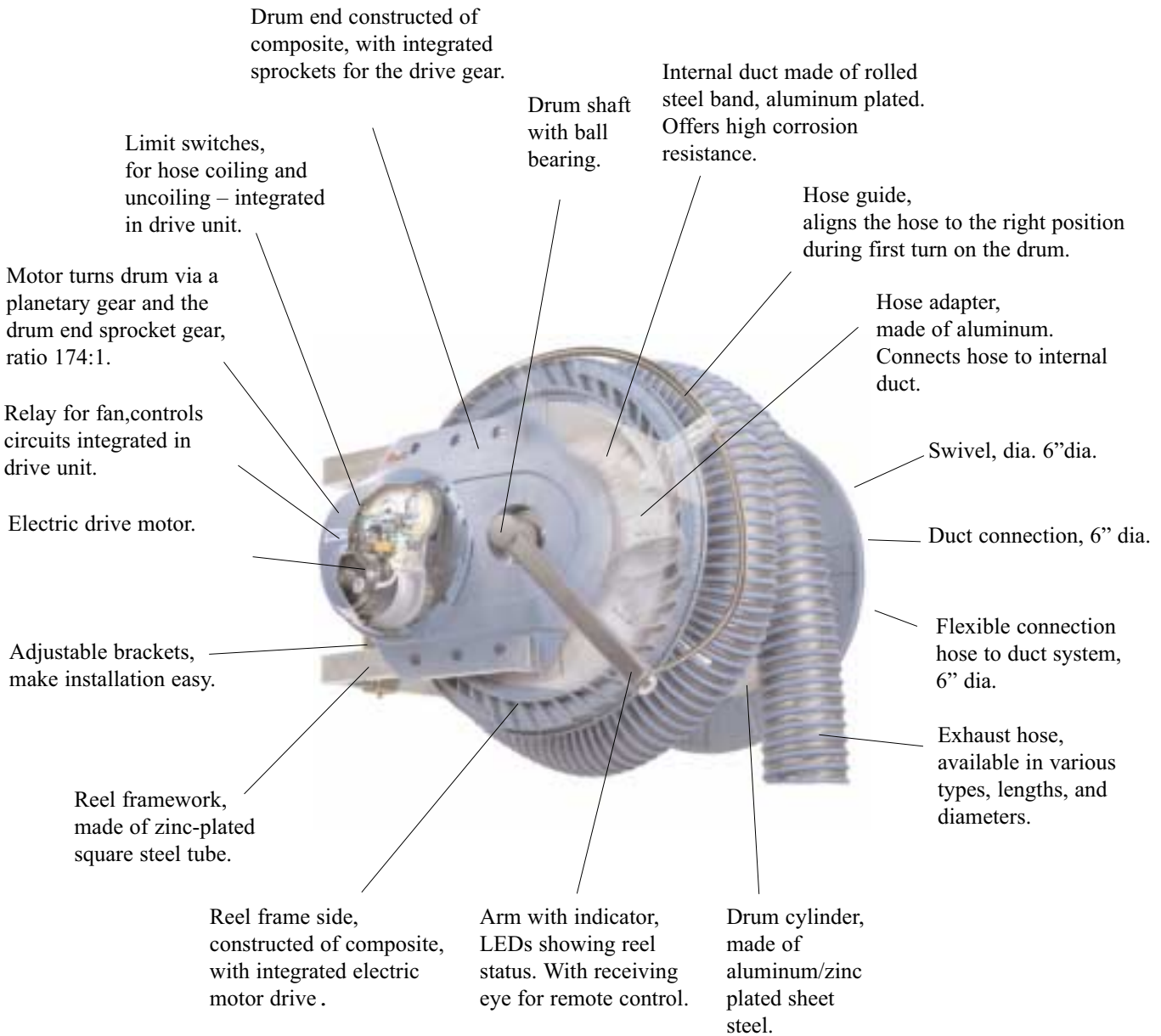


TECHNICAL DESCRIPTION

Exhaust Hose Reel ser. 865, electric motor driven



Description



Remote or pendant control of reel and fan operation. Remote control via IR. Remote control transmitter and pendant hand control are accessories.

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

Lifting Capacity

- Load max. 65 lbs. (all hose diameters)

Weight

- Reel without hose: 69 lbs.

Installation

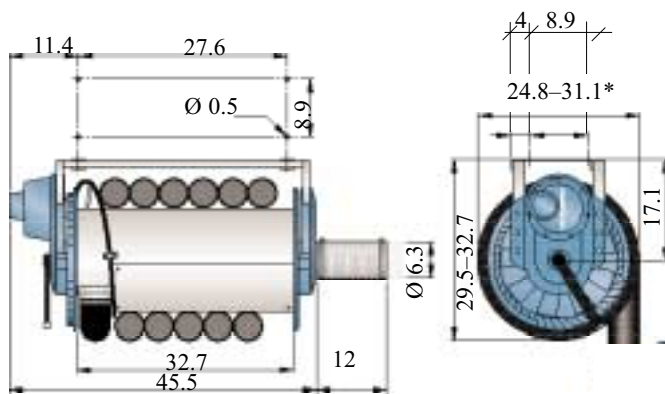
- On ceiling or wall
- Maximum mounting height is depending on weight of hose and nozzle to be lifted.

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)



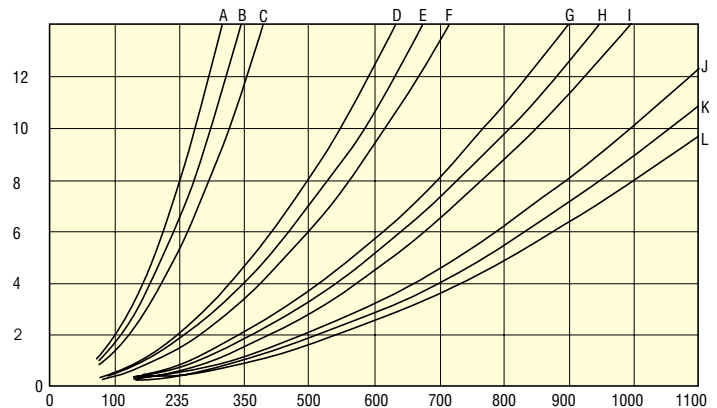
* Depending on hose diameter

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'



Electric Drive Unit

- Supply power: 115V
- Phase: 1-phase
- Amps: 3
- Frequency: 50/60 Hz
- Degree of protection: IP44
- Drive motor: 24V DC.

- Terminals for fans:

- Potential free contact closes by signal to uncoil hose and opens by signal to coil hose.
- Voltage output relay for 24V DC fan contactor coil. Max. load 5 VA. (Contact opens and closes as above).
- Electronic adjustable limit switches for coiled and uncoiled hose. (Pulse counter). (Adjusts from the floor by IR-transmitter or pendant control).
- Reel operated by remote (IR) control or by pendant control.

Remote control and pendant control are accessories.

Electric Drive Unit (con't)

- Remote control by IR.
 - Number of codes for individual operation of reel: 8
 - Operation range: min. 32ft.
 - IR signal carrier frequency: 38 kHz
 - IR transmitter spread angle at 50% intensity $\pm 22^\circ$
 - IR-transmitter battery: 2 x 1.5V AA battery
Battery life, normal use: 1 year
- Electromagnetic brake stops the drum from turning.
- Drive unit, gear:
 - Planetary gear and sprocket gear in drum end, ratio 174:1.

Environmental Data

For exhaust hose reel without hose.

Weight: 67 lbs.

Recyclable weight-%: 100

Model Range

Part No.

20802665	4" Motorized Reel
20802765	5" Motorized Reel
20802865	6" Motorized Reel

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

NS

Silicone high temperature hose, flexible with 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

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

Pendant Control

Part no. 20373521

IR-Transmitter

Part no. 20373522

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.

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

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