

MONOXIVENT®

Source Capture Systems

HOSE REELS PRODUCT OVERVIEW



ELIMINATE TOXIC FUMES IN YOUR WORKPLACE

Protecting your workplace environment from noxious fumes and particulates is a major concern. Monoxivent has been providing smart and innovative air cleaning solutions for customers since 1953. Monoxivent has the experience you need.

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Hose Reels, 9000 Series • Vehicle Exhaust Removal



Motor Operated Hose Reel -
4000 Series Hose

OVERVIEW:

Monoxivent's Hose Reels are the premier solution for vehicle exhaust fume extraction. Hose Reels offer a convenient and efficient method for extracting harmful emissions from all types of service areas. A variety of tailpipe adapters attach to all types of vehicles. Hose Reels are either Motor Operated or Manual Spring Retractable. The Reels are offered in standard 4-, 5-, 6-, and 8-inch hose diameters. The Reels are supplied completely assembled and ready for installation. The Reels may be connected with ductwork to a central exhaust system or each reel may be supplied with a direct mount fan.

FEATURES:

- Spring- or Motor-Operated Hose Reels
- 4", 5", 6", 8" high-temperature silicone nomex or medium-temperature polyester hose standard
- A variety of other hose options are available for special applications

BENEFITS:

- Easy storage and retraction of hose, while competitively priced - motor reel controlled with standard wall-mount switch or optional hanging pendant switch; Wireless radio remote control also available

APPLICATIONS:

- Auto Dealerships, Motorcycle Shops, Light Equipment Repair, Garage Settings, High Ceiling/Bay Applications, Any indoor location where internal combustion engines are run



Blank Spring
Hose Reel



Motor Operated Hose Reel, with 4000 Series Exhaust Hose - Chain Drive Tube Type Motor

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Spring Hose Reels



Spring Operated Hose Reel, with 5000 Series Exhaust Hose

Motor Hose Reels



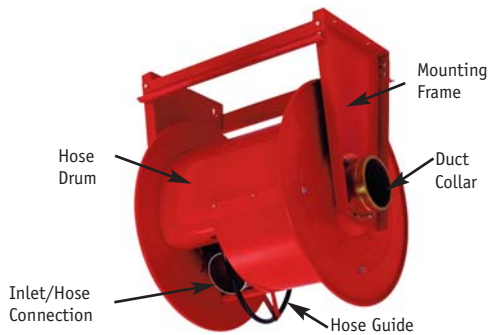
Motor Operated Hose Reel, with 4000 Series Exhaust Hose - Direct Drive Motor

9000, 9000-W SERIES

4-, 5-, 6-, 8-inch Diameter Hose

- Designed for manual extension and spring return of the flexible exhaust hose
- Manually uncoil hose to desired length and lock, when finished unlatch and hose recoils automatically

Reel Breakdown: 9000, 9000-W



Model	Hose Dia.	Hose Capacity	Drum Dia.	Drum Width
9000	4", 5", 6"	25'	18"	20"
9000-W	4"	40'	25"	33"
9000-W	5", 6"	35'	25"	33"
9000-W	8"	24'	25"	39"

Note, Models above are standard. Models are shown with either 4000 or 5000 Series Hose and may be Spring Retractable or Motor Operated. Other hose options are available.



Motor Operated Hose Reel, with 4000 Series Exhaust Hose - Chain Drive Tube Type Motor (shown with hinged cover open)

9000-MTR, 9000-W-MTR SERIES

4-, 5-, 6-, 8-inch Diameter Hose

- Direct Drive Planetary Gear Motor or Chain Driven Tube Type Motor
- Direct Drive: 120-volt, 1-phase or 220-volt, 1-phase
- Tube Type: 120-volt, 1-phase
- Motor operated by spring rocker switch or by optional 2- or 4-button hanging pendant or radio remote control
- Reel equipped with manual override on motor

Hose Reels, 9000 Series • Vehicle Exhaust Removal

Hose Reel Options: 9000, 9000-W

Many options are available with the Monoxivent Hose Reel, including:

DMS-HR	Direct Mount Switch to Reel for Fan On/Off
RC	Remote Control for Operation of Motor HR
P2	2-Button Pendulum Switch for Up/Down Control of Motor HR
P4	4-Button Pendulum Switch for Up/Down Control of Motor HR and On/Off Fan Control
DMHR	Direct Mount to Hose Reel D-Series Blower

Hose Reel Mounting: 9000, 9000-W

Monoxivent Hose Reels may be mounted in three positions: from an overhead support structure, from a side support structure, or on the floor. Ceiling mounts are most common, however wall mounts and floor mounts are options when overhead space is not available.

Tailpipe Adapters: 9000, 9000-W

The 23827 and TCA are the most common Tailpipe Adapters for hose reel systems. However, a wide variety of other styles, configurations, and options are available.

The 23827 has an oval body constructed of 600-degree F heavy wall neoprene rubber. The 23827 is available for 3" and 4" diameter hose.

The TCA (Tapered Cone Adapter) is constructed of stainless steel and fits hose sizes of 4", 5", 6", and 8" (larger sizes available).

A variety of other adapter options are available.

DMHR-Fan: 9000, 9000-W

The D-Series Blower is used for direct mounting to reels and is direct drive, utilizing a radial type wheel. The housing and wheel are spark-proof and constructed of cast aluminum. The fan is available in either 0.5 HP or 1.0 HP. The standard motor is TEFC and is available in a variety of voltage/phase configurations and larger horse power motors. D Series Blowers can be configured to mount independently of hose reels.

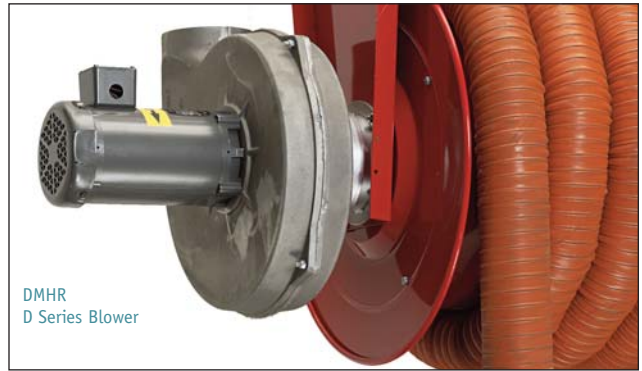
Exhausting Hose Options: 9000, 9000-W

4000 Series

The Series 4000 Hose serves as Monoxivent's most common hose for vehicle exhaust source capture. The hose easily withstands temperatures at 600-degrees F and is ideal for use with hose reels or overhead exhaust systems. The 4000 Series Hose has exceeded 600-degrees F during certified testing and has met an intermittent temperature rating of 1250-degrees F. The 4000 hose also meets Military Spec. 62028 for temperature rating (1000-degrees F for 72 hours).

5000 Series

The Series 5000 Hose is a versatile option and may be used for Hose Reels, overhead exhaust systems, underground systems, welding, industrial use, light-duty material handling, and agricultural use. The 5000 hose withstands temperatures up to 500-degrees F.



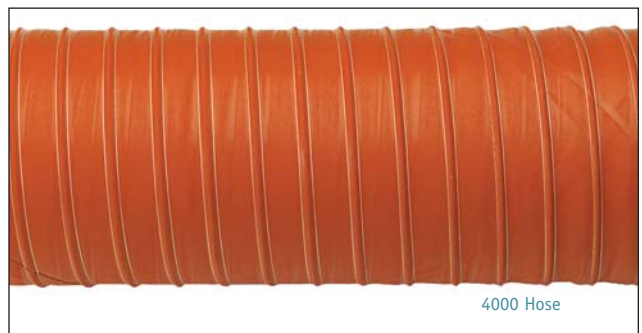
DMHR
D Series Blower



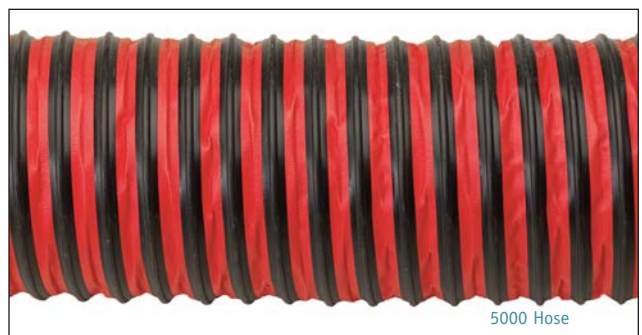
23827



TCA



4000 Hose



5000 Hose

Hose Reels, XL & L Series • Vehicle Exhaust Removal



XL
SERIES

XL-24-5 with 8" Diameter Hose - 24" Drum, 5' Width



L
SERIES

L Series Hose Reel - Dual Spring Cassette



XL Hose Reel at Manufacturing Facility

OVERVIEW:

Monoxivent offers a wide variety of Oversized Hose Reels within the XL SERIES. These reels are offered with 24"- and 36"-diameter drums. The reels accommodate between 8" and 18" diameter hose. The reels are designed for specialized applications, but not limited to: aircraft ventilation, fume source capture, large diesel source capture, marine applications, and a broad-range of industrial applications. As an option, reels are available with explosion-proof motors and controls. Finishes include powder coated and stainless steel.

Monoxivent's L SERIES is offered as spring- or motor-operated. The L SERIES provides versatility within the product mix and bridges the gap between the standard 9000 and XL reels. The spring reel features single or dual cassettes, while the motor version is powered by a tube-type motor. The L has a 48" wide drum and holds up to 44' of 8" diameter exhaust hose.

FEATURES:

- Oversized Hose Reels
- L Series up to 48" wide drum and holds up to 44' of 8" diameter hose (spring/motor operated)
- XL Series up to 84" wide drum and holds up to 65' of 18" diameter hose (motor operated)

BENEFITS:

- Allows for easy storage of large diameters and lengths of exhaust hose

APPLICATIONS:

- Military Vehicles, Diesel Trucks, Heavy Equipment, Aircraft Ventilation, Marine Applications, Industrial Applications, Bus Transit



XL Hose Reels in Production at Monoxivent