



XL Series Hose Reel
 Motor Operated
 24" Drum

TECHNICAL INFORMATION

In the interest of continuing product improvement, we reserve the right to change models, specifications, and/or features without prejudice.

PROJECT: _____
 LOCATION: _____
 ARCHITECT: _____
 ENGINEER: _____
 CONTRACTOR: _____
 DATE: _____ SALES ENGINEER: _____

www.monoxivent.com

info@monoxivent.com

309-794-1000

Page: HRMO-15

XL Series Hose Reels - Oversized • 24" Drum, Overview

The vehicle exhaust extraction system shall consist of a hose reel with a **Standard:** 1/2 HP 115/230/1 chain drive ODP motor assembly (**Optional:** 1/2 HP 230/460/3). The drive shaft shall be 1 1/2" diameter and run in a 4-bolt regreaseable flange type roller bearing.

Motor to be operated by a 2-button up/down switch. 2-button switch to be either mounted on the wall, column, or switch may be wired directly to the hose reel. When wired directly to hose reel, the power cord is dropped from the reel with the 2-button switch mounted in the box. Strain relief fittings are used at both the box and junction on the hose reel.

The motor and drive assembly shall be covered by an 18-gauge mild steel enclosure. The enclosure will have a removable access panel for motor servicing.

The hose reel shall consist of the following features:

The hose reel side mounting support A frame shall be constructed of 10-gauge mild steel. The A frames shall be securely attached to a one-piece 10-gauge formed steel mounting frame. The top plate has laser cut 9/16" diameter holes for the mounting of the hose reel.

The hose drum shall be constructed of 16-gauge cold rolled steel. The drum shall be formed and rolled to a 24" diameter and strengthened by inner support bars. These bars are secured to the drum end flanges. The drum is pulled tightly against the end flanges.

The drum end flanges shall be constructed of 12-gauge hot rolled steel. The end flange's outer lip shall have a rubber edge guard. Each end flange shall have laser-cut notches to accept pre-cut tabs on the drum. This allows the reel drum and end flanges to mate so the drum is always centered in relationship to the end flange. The drum's inner support bars draw the end flanges securely to the drum for added strength, quality, and reliability.

The hose reel shall have a hose to drum connection fitting, allowing for use of 8", 10", or 12" hose. The connection fitting supports an inner 8", 10", or 12" diameter tube that completes the connection from the extraction hose to the side discharge connection fittings. The side discharge fitting is a complete regreaseable fitting and allows for the connection of the discharge duct. The side discharge fitting shall accept 15" diameter duct.

The drum end outlet collar and the A frame support outlet collar shall be formed from 1/4" mild steel. The A-Frame support outlet Collar ID shall be 1/16" larger than the OD of the drum end collar.

A 1/4" UHMW seal flange with a matching bolt hole pattern shall be furnished with the A-frame outlet collar. A 3/8" mild steel bearing bracket will be welded to the interior of the collar. A sleeve-type SOLID-LUBE self lubricating, self-aligning, bearing for extreme industrial applications shall be utilized. The bearing shall be rated for -40 F to 700 F temperatures. As an option, a 1,000 F bearing is available. The drum end outlet collar has a welded 3/8" shaft bracket and 1 1/2" diameter shaft.

The hose reel drum shall also be supplied with a hose tracking bar to guide the hose during the re-coiling function.

The entire hose reel shall be protected by a red polyester powder coating for longevity and to resist corrosion. (Other colors available upon request)

The motor operated hose reel shall be equipped with a manual override lever on the drive assembly.



24" DRUM WIDTH • CAPACITIES

Model	Drum Dia.	Drum W.	Hose Dia.	Hose Capacity
XL-24-3	24"	3'	8"	Up to 35'
	24"	3'	10"	Up to 30'
	24"	3'	12"	Up to 25'
XL-24-5	24"	5'	8"	Up to 65'
	24"	5'	10"	Up to 55'
	24"	5'	12"	Up to 50'
XL-24-7	24"	7'	8"	Up to 95'
	24"	7'	10"	Up to 85'
	24"	7'	12"	Up to 75'