

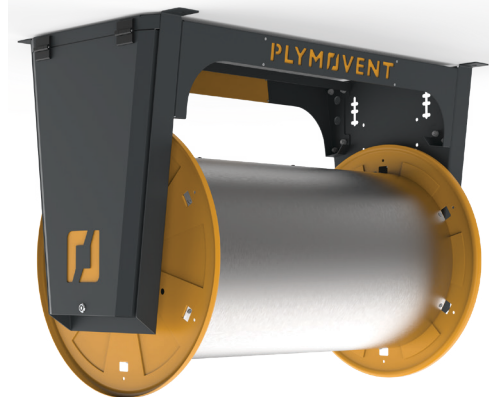
## MOTORIZED HOSE REEL

### VEHICLE EXHAUST EXTRACTION REEL

The motorized hose reel (MHR) is designed to retract the hose via an electric motor. The MHR is operated up and down by means of a mobile wired control, wall mounted or remote control. This hose reel is ideal for general and light duty vehicle workshops.

With the hose safely elevated, other equipment in the workshop can be operated safely. This hose reel also limits potential damage to personnel and vehicles. The MHR maximum lifting capacity is 18 kg (40 lbs)\*.

\* at hose diameter 150 mm (6 in.)



### APPLICATIONS

The MHR is intended to be used for the following applications:



- To eliminate hazardous vehicle exhaust emissions with our vehicle exhaust capture and removal systems for the following segments: fire and emergency service stations as well as military facilities.

### SPECIFICATIONS

Physical dimensions and properties		
Material	<ul style="list-style-type: none"> <li>frame                             <ul style="list-style-type: none"> <li>textured powder coat galvanized steel</li> </ul> </li> <li>drum                             <ul style="list-style-type: none"> <li>textured powder coat galvanized steel and galvanized steel</li> </ul> </li> </ul>	
Colour	<ul style="list-style-type: none"> <li>frame                             <ul style="list-style-type: none"> <li>iron grey (RAL 7011)</li> </ul> </li> <li>drum sidewheels                             <ul style="list-style-type: none"> <li>yellow (RAL 1004)</li> </ul> </li> </ul>	
Performance		
Power supply	110/120V	230V
Phase	Single phase	Single phase
Current	2.5A	1.25A
Frequency	60 Hz	50/60 Hz
Output	270W	290W
Speed	14 rpm	12/14 rpm
Lifting capacity (at hose diameter 150 mm (6 in.))	18 kg (40 lbs)	18 kg (40 lbs)
Ambient conditions		
Operating temperature:	<ul style="list-style-type: none"> <li>min.                             <ul style="list-style-type: none"> <li>0°C (32°F)</li> </ul> </li> <li>nom.                             <ul style="list-style-type: none"> <li>20°C (68°F)</li> </ul> </li> <li>max.                             <ul style="list-style-type: none"> <li>40°C (104°F)</li> </ul> </li> </ul>	
Max. relative humidity	80%	
Outdoor use allowed	no	
Storage conditions	<ul style="list-style-type: none"> <li>0 - 40°C (32 - 68°F)</li> <li>relative humidity max. 80%</li> </ul>	
Options and accessories		
AD Automatic damper   MHR-CB   NRC-868 wireless controller   FHC handheld control   MSR-24/2 switch for automatic fan start and/or damper control		

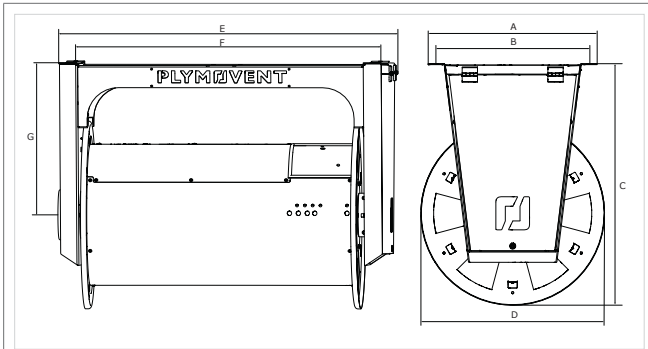
Scope of supply	
Hose reel   hose and nozzle to be ordered separately	
Order information	
Article no.	refer to order specifications
Number/package	1
Shipping data	
Gross weight 850 / 1050	71 / 75 kg (156 / 165 lbs)
Gross weight with AD	74 / 79 kg (163 / 174 lbs)
Packing dimensions 850	1200 x 800 x 1145 mm (47 x 32 x 45 in. )
Packing dimensions 1050	1550 x 800 x 1145 mm (61x 32 x 45 in. )
Harmonized Tariff Code	84219990
Country of origin	The Netherlands

### ORDER SPECIFICATIONS

Art. no.	Description*
0000301690	MHR-850-Drive-215
0000302167	MHR-850-Drive-116
0000302254	MHR-850-Drive-215-AD
0000302258	MHR-850-Drive-116-AD
0000301773	MHR-1050-Drive-215
0000302168	MHR-1050-Drive-116
0000302256	MHR-1050-Drive-215-AD
0000302259	MHR-1050-Drive-116-AD

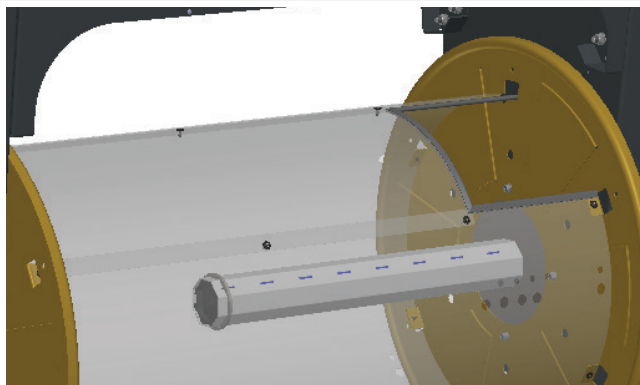
- \* 116 = single phase, 110/120 V 60 Hz
- 215 = single phase, 230 V 50 Hz
- 216 = single phase, 230 V 60 Hz
- MHR = motorized hose reel
- AD = automatic damper

**DIMENSIONS**

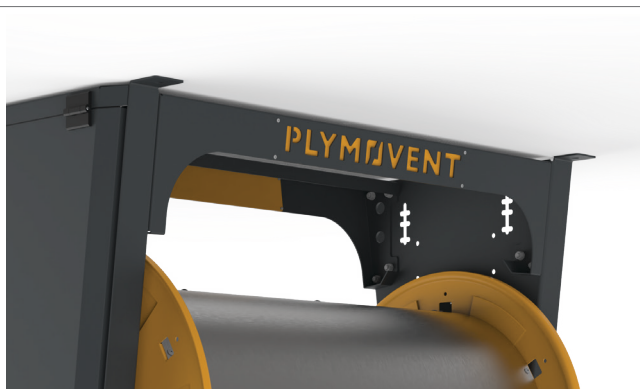


	<b>MHR-850</b>	<b>MHR-1050</b>
A	552 mm (21.7 in.)	552 mm (21.7 in.)
B	500 mm (19.7 in.)	500 mm (19.7 in.)
C	789 mm (31 in.)	789 mm (31 in.)
D	600 mm (23.6 in.)	600 mm (23.6 in.)
E	1075 mm (42.3 in.)	1275 mm (50.2 in.)
F	975 mm (38.4 in.)	1175 mm (46.3 in.)
G	489 mm (19.3 in.)	489 mm (19.3 in.)

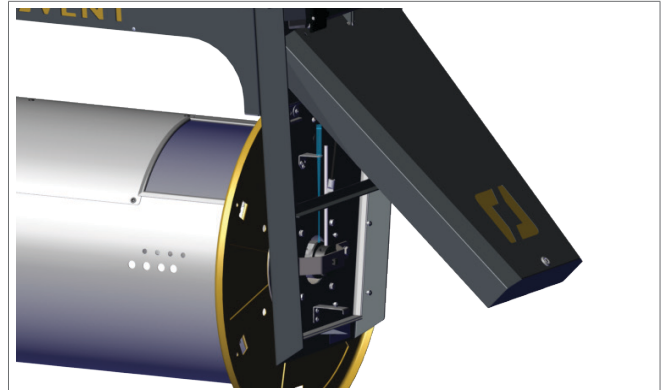
**FEATURES & BENEFITS**



Integrated tubular motor

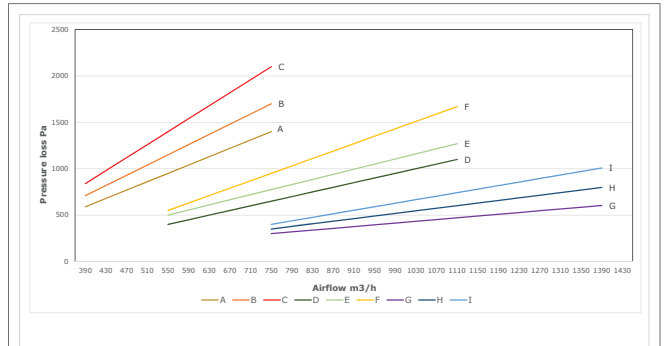


Sturdy frame



Easy installation and service by robust hatch with gas spring support

**PRESSURE LOSS**



The diagram shows the pressure loss in the hose reels at different airflows in uncoiled position.

Read the diagram at the recommended airflows:  
Cars 360 m³/h (211 cfm)  
Trucks 1080 m³/h (635 cfm)

	<b>Hose diameter</b>	<b>Hose length</b>
A	Ø 100 mm (4 in.)	7,5 m
B	Ø 100 mm (4 in.)	10 m
C	Ø 100 mm (4 in.)	12,5 m
D	Ø 125 mm (5 in.)	7,5 m
E	Ø 125 mm (5 in.)	10 m
F	Ø 125 mm (5 in.)	12,5 m
G	Ø 150 mm (6 in.)	7,5 m
H	Ø 150 mm (6 in.)	10 m
I	Ø 150 mm (6 in.)	12,5 m

Product type

**MHR**

Article no.

see order information

Product category

hose reels

Version

020822/0

Always check the latest version on [www.plymovent.com](http://www.plymovent.com)