

Take your exhaust hose right to the top.

MHR will neatly store exhaust hose out of your way and clear of the work area when not in use. The proof of a great product is when your employees use it and the MHR is a great product!



Direct drive motor

Direct drive motor eliminates service by eliminating the need for replacement belts or chain drives.



- 100% maintenance free
- Sealed ball bearings
- Adjustable up/down positioning
- 1 phase only

Electrical key sets

Key sets are available in five styles to suit your application.



- Wall mount push button
- Hanging key set
- Radio transmitter key set
- Microswitch starter
- Auto start controller

TECHNICAL DATA

Motorized Hose Reel – MHR. The MHR is ordered in pieces:

1. Select MHR drum size

Prod. no.	Description
MHR-650	Motorized hose reel, width 650 mm/25.6"
MHR-850	Motorized hose reel, width 850 mm/33.5"
MHR-1050	Motorized hose reel, width 1050 mm/41.3"

2. Select corresponding hose connection kit: MAP

Prod. no.	Description
MAP-100	Hose connection kit Ø 100 mm/4"
MAP-125	Hose connection kit Ø 125 mm/5"
MAP-150	Hose connection kit Ø 150 mm/6"

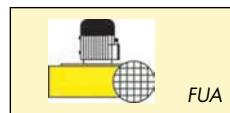
For Motorized Hose Reel with fan;

3. Select corresponding FUA-fan

Prod. no.	Motor	50Hz Voltage
FUA-1300	0,37 kW	220-240/380-420 V
FUA-2100	0,75 kW	220-240/380-420 V

4. Select mounting kit for FUA-fan

Prod. no.	Description
FMA-80	Mounting kit for fan on exhaust reel



- The MHR cassette will lift hose/nozzle combinations up to 23 kg/50 lbs.
- Hose and nozzle must be ordered separately, see pages 12-17.
- Hose reels with fans are available in most common worldwide voltages.
- Hose reels can be integrated with PlymoVent Intelligent Control Equipment.

PlymoVent reserves the right to make design and technical changes.

Case Study – Pacific Detroit Diesel Allison, USA



Customer

Pacific Detroit Diesel Allison
Location: Ridgefield, WA.
PlymoVent Dealer: Pacific Air Consultants, Inc. La Center, WA.

Problem

New building with high ceilings. Customer requires effective and easy to operate vehicle exhaust system for 21 stations at temperatures up to 315°C/600°F. Since each station will rarely be in use at the same time, an energy saving concept for the fans was desired.

Solution and how we did it

PlymoVent vehicle exhaust system, using 21 MHR-850 motorized

reels with EG-150-10 and Stack-150-250 vertical nozzle with cane accessory. ASE-12 automatic dampers were installed for each motorized hose reel deliver airflow only to the reels in use.

This allowed the customer an installation choice of (2) PlymoVent 7,5 kW/10HP 7500 fans with automatic dampers, instead of two larger 18,5 kW/25 HP fans also available from PlymoVent.

When the hose is let down or brought up, a microswitch is tripped which opens or closes the damper. When the first hose is let down the fan automatically starts. When the last hose is recoiled the fan automatically stops.

PlymoVent equipment supplied:

- 21 MHR-850 Exhaust Reel
- 21 MAP-150
- 21 Hose mounting kits
- 21 EG-150-10 – Exhaust hose
- 21 FHC-24 – Free hanging keyset
- 21 Stack-150-250
- 21 TH-90
- 21 ASE-12 E – Automatic damper
- 21 MSR-24 – Microswitch
- 2 FA-7500 – Fans, 7,5 kW/10 HP
- 2 M-1000 – Control unit