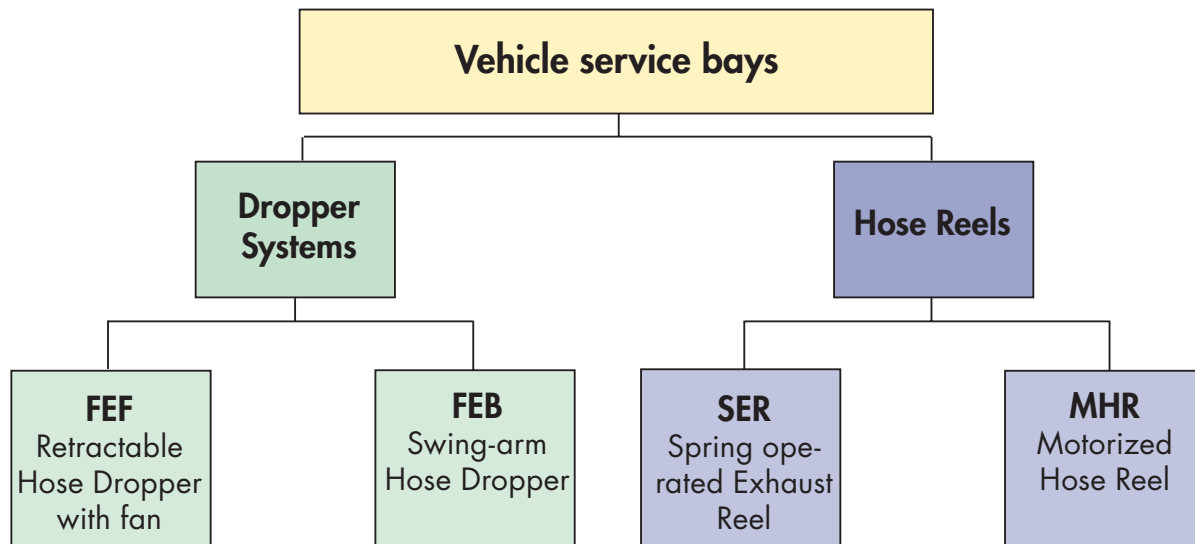


Quick guide to the safest way to equip your service areas

■ PlymoVent's extensive application experience will show you the way to a pre-engineered solution to the simplest or most complex problem with the dangerous diesel exhaust emissions.



Retractable hose dropper - solution to the hazard of inground systems

■ Many service areas still have insufficient exhaust systems. The increased requirements for control of hazardous waste and the safety hazard of loose hoses laying across the shop floor, makes the decision to install an overhead exhaust system easy.

Retractable hose dropper system with fan - FEF



Retractable hose dropper on swing-arm - FEB



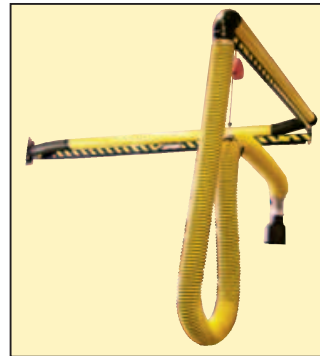
Retractable hose dropper with fan - FEF



The retractable hose dropper with fan is the answer to small service areas where a self-contained fume extractor is required. Comes complete with hose, balancer with hose saddle, spark resistant impeller AMCA-type B fan and universal mounting bracket.

- 5 m / 16 ft PV style hose in four diameters with hose clamps
- Balancer assembly with hose saddle and travelling bar
- Mounting bracket for ceiling, floor or wall mounting

Swing-arm hose dropper - FEB



The swing-arm allows you to position the retractable Hose Drop on any side of the vehicle. It's the best exhaust extraction system for larger emergency rescue vehicles. The swing-arm will reach as far as 8 m/26.2 ft into the service bay and pass over the top of heavy equipment with ease.

- Air volume for high output engines up to 2040 m³/h/1200 CFM
- Ballbearing movement
- High temperature components up to 600°C/1100°F
- Double articulated swing-arm
- Built-in tool holder for power tools
- Easy to position and attach to exhaust tailpipe.
- Folds flat to wall or column when not in use.

TECHNICAL DATA

Retractable hose dropper with fan – FEF (tailpipe adapter not included, see page 15)

Prod. no.	Hose diameter	Hose length	Weight	Fan	Fan motor
FEF-5-100	100 mm / 4"	5 m / 16 ft	25.6 kg / 56.3 lbs	FUA-1300	0.37 kW / 0.5 HP
FEF-5-125	125 mm / 5"	5 m / 16 ft	30.2 kg / 66.4 lbs	FUA-2100	0.75 kW / 1.0 HP
FEF-5-150	150 mm / 6"	5 m / 16 ft	31.2 kg / 68.6 lbs	FUA-2100	0.75 kW / 1.0 HP

Swing-arm Hose Dropper – FEB (complete with 5 m/16 ft hose, balancer, suspension halter and swing-arm)

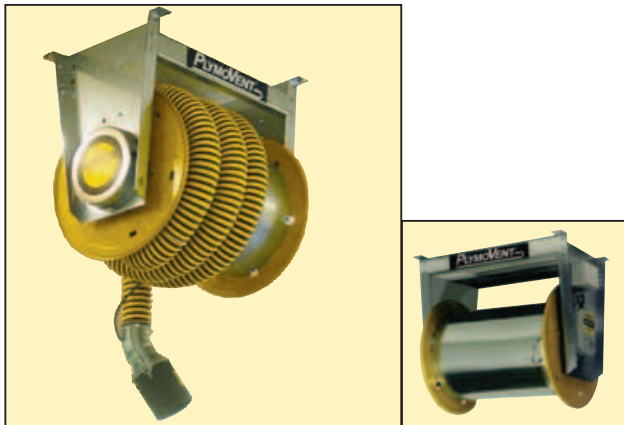
Prod. no.	Arm length	Hose diameter	Weight
FEB-3-100	3.0 m / 9.8 ft	100 mm / 4"	42.2 kg / 92.8 lbs
FEB-3-125	3.0 m / 9.8 ft	125 mm / 5"	43.2 kg / 95.0 lbs
FEB-3-150	3.0 m / 9.8 ft	150 mm / 6"	44.2 kg / 97.2 lbs
FEB-4.5-100	4.5 m / 14.8 ft	100 mm / 4"	56.4 kg / 124 lbs
FEB-4.5-125	4.5 m / 14.8 ft	125 mm / 5"	57.4 kg / 126 lbs
FEB-4.5-150	4.5 m / 14.8 ft	150 mm / 6"	58.4 kg / 128 lbs
FEB-6-100	6.0 m / 19.7 ft	100 mm / 4"	83.2 kg / 183 lbs
FEB-6-125	6.0 m / 19.7 ft	125 mm / 5"	84.2 kg / 185 lbs
FEB-6-150	6.0 m / 19.7 ft	150 mm / 6"	85.2 kg / 187 lbs
FEB-8-100	8.0 m / 26.2 ft	100 mm / 4"	112.4 kg / 247 lbs
FEB-8-125	8.0 m / 26.2 ft	125 mm / 5"	113.4 kg / 249 lbs
FEB-8-150	8.0 m / 26.2 ft	150 mm / 6"	114.4 kg / 252 lbs

PlymoVent Hose Reels make a clean appearance

When you are looking for quality and appearance in your station, PlymoVent has the right Hose Reel for you. PlymoVent Hose Reels are the standard of the industry. Regardless of your service demands our three styles of exhaust reels can fit your application and budget.

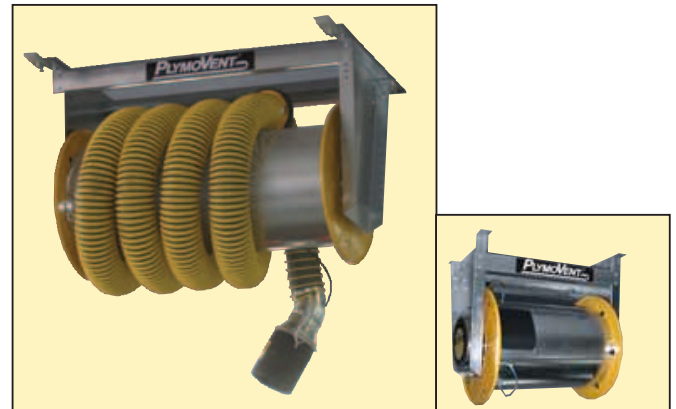


Spring Exhaust Reel Model – SER



The model SER is designed to retract the exhaust hose with a spring operated retraction device. When you need to use the exhaust hose, pull down the hose and attach the nozzle to the vehicle. The hose will lock into place. When finished, remove the nozzle from the vehicle and pull down again, and the hose will smoothly be returned to the hose reel.

Motorized Hose Reel Model – MHR



The model MHR is designed to retract the exhaust hose with an electric motor drive. When using the exhaust hose, press an up/down switch mounted on the wall or a key set mounted to the exhaust reel. The motor has an adjustable up/down limit switch to stop the hose at any desired level. When the exhaust hose is not in use, retract the hose to the ceiling.

TECHNICAL DATA

Spring Exhaust Reel – SER

Prod. no.	Drum width	Hose connection	Max hose length on drum	Duct connection	Weight w/o hose
SER-650-100	650 mm/25.6"	Ø 100 mm/4"	10.0 m/32 ft	Ø 160 mm/6.3"	49 kg/108 lbs
SER-850-125	850 mm/33.5"	Ø 125 mm/5"	11.0 m/35 ft	Ø 160 mm/6.3"	54 kg/119 lbs
SER-850-150	850 mm/33.5"	Ø 150 mm/6"	10.0 m/32 ft	Ø 160 mm/6.3"	54 kg/119 lbs

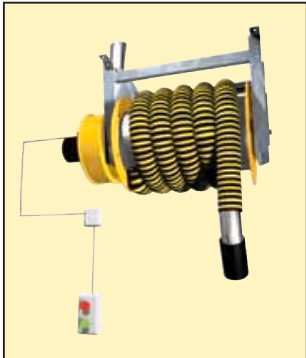
Motorized Hose Reel – MHR

Prod. no.	Drum width	Hose connection	Max hose length on drum	Duct connection	Weight w/o hose
MHR-650-100	650 mm/25.6"	Ø 100 mm/4"	10.0 m/32 ft	Ø 160 mm/6.3"	46 kg/101 lbs
MHR-850-125	850 mm/33.5"	Ø 125 mm/5"	11.0 m/35 ft	Ø 160 mm/6.3"	51 kg/112 lbs
MHR-850-150	850 mm/33.5"	Ø 150 mm/6"	10.0 m/32 ft	Ø 160 mm/6.3"	51 kg/112 lbs

PlymoVent reserves the right to make design and technical changes.

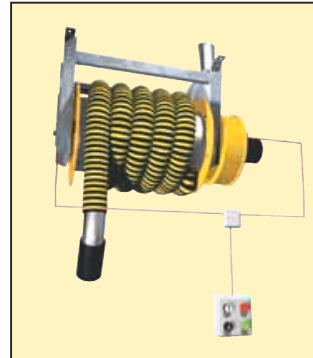
PlymoVent Push Button Starters – PBS-1 / PBS-2

PBS-1



The push button starter is recommended when you select a direct mount fan on a hose reel (SERF) or another fan motor package you want to operate manually. This manual starter is available for fan motor voltages from 115 - 600 V, single or three phase and for 50 or 60 Hz power source.

PBS-2

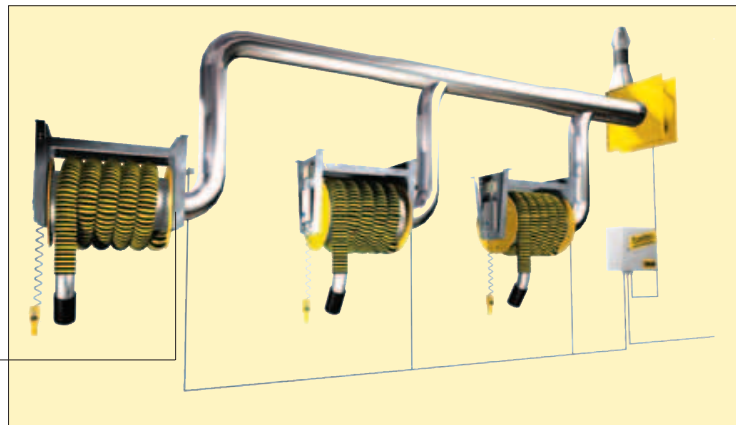
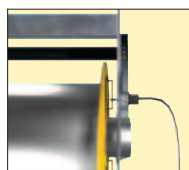


The push button starter with up and down control is recommended when you pick a direct mount fan on a motorized hose reel (MHRF) and want to manually start and stop the fan and control the hose movement up and down. The motorized manual starter is available for fan motor voltages from 115 - 600 V, single or three phase and for 50 or 60 Hz power source. Power for the hose reel motor driver only, is available in 115 and 240 V single phase, 50 or 60 Hz.

TECHNICAL DATA

Prod. no.	Description	Prod. no.	Description
PBS-1	Push Button Starter-1	PBS-2	Push Button Starter-2

PlymoVent Starter SA-24 / Micro Switch MSR-24



The SA-24 is recommended when you require a magnetic motor starter to service the fan for multiple exhaust reels or drops. The SA-24 is ordered to match the fan motor KW/HP, voltage and phase. The controller comes complete with a step-down transformer that will reduce the line voltage to 24 V

control voltage. This allows connection to remote start/stop devices. The hose reel micro switch is one that automatically starts the fan when the hose is pulled down. When the hose is retracted, the fan will stop. The SA-24 is available with motor voltages from 115-600 V, single or three phase and 50 or 60 Hz.

TECHNICAL DATA

Prod. no.	Description
SA-24	Starter for fan. To be combined with relevant motor overload (not included). Transformer: 24 V/75 W
MSR-24	Micro Switch