

Spring operated exhaust reel – SER

SER is easy to handle, pull down the hose to required length - pull it once more to roll up the hose. It is easy to choose for right dimension with hose connection kit and you can also combine the exhaust reel with a FUA-fan.



TECHNICAL DATA

Spring Exhaust Reel – SER. The SER is ordered in pieces:

1. Select SER drum size

Prod.no	Description
SER-650	Spring operated exhaust reel width 650 mm/25.6"
SER-850	Spring operated exhaust reel width 850 mm/33.5"

2. Select corresponding hose connection kit: MAS

Prod.no	Description
MAS-75	Hose connection kit Ø 75 mm/3"
MAS-100	Hose connection kit Ø 100 mm/4"
MAS-125	Hose connection kit Ø 125 mm/5"
MAS-150	Hose connection kit Ø 150 mm/6"

For Spring Exhaust Reel with fan;

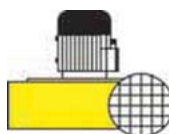
3. Select corresponding FUA-fan

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 SER spring cassette will lift hose/nozzle combinations up to 19 kg/42 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 – Nissan AB, Sweden

Customer

Nissan AB, Agnesfridsvägen 190, Malmö, Sweden

Problem

Car dealerships service and bolt-on accessory business is a key profit center for successful growth. Nissan Motor group wanted to fit out their new dealership with state of the art equipment to maximize production, profitability and image. Having to breath harmful exhaust was not in their business plan.

Solution and how we did it

After reviewing the architectural plans for the new facility, PlymoVent engineered a solution. The customer explained that he had nine proposed service bays and required all service technicians to have their own exhaust extraction, since the service volume was to be extremely high. The solution was to install nine SER-650-100 exhaust hose reels, one per work bay, with EH-100-7.5 exhaust hose and a Grabber® nozzle. A central airtight ductwork system was connected to a FA-7500 exhaust fan that was exhausted through the exterior wall. Fan controls were provided with an SA-24/microswitch controller that was installed to start the fan only when the system was in use.



PlymoVent equipment supplied:

- 9 SER-650-100 – Exhaust reel
- 9 EH-100-7.5 – Exhaust hose
- 9 GN-125-100 – Grabber® nozzle
- 1 FA-7500 – Exhaust fan
- 1 SA-24 – Fan starter
- 9 MSR-24/2 - Microswitch

Case Study – Frank-Nyman OY, Finland

Customer

Frank-Nyman OY, Palomiehentie 8, Espoo, Finland

Problem

The company Frank-Nyman OY is the authorized dealer for Kawasaki, Suzuki and Honda motorcycles in Espoo, Finland. The small workshop had a problem with carbon monoxide in high temperatures generated by the motorcycles when testing after repairs. The conditions had both customers and employees complaining.

Solution and how we did it

After a review of the workshop and the test procedure, PlymoVent engineered a solution. The customer explained that two service technicians work on motorcycles that will run simultaneously. The solution was to install two SER-650-75 exhaust hose reels with EF-75-7.5 exhaust hose. The tailpipe was fitted with a rubber exhaust nozzle that easily slipped over the exhaust tailpipe. The two exhaust reels were connected to an exhaust fan model FS-3000 with air tight ductwork and exhausted to the outside through the roof. The service engineer controlled the starting and stopping of the exhaust fan with a push button starter, mounted next to the technician's tool locker.



PlymoVent equipment supplied:

- 2 SER-650-75 – Exhaust reel
- 2 EF-75-7.5 – Exhaust hose
- 2 REN-115-75 – Rubber nozzle
- 1 FS-3000 – Exhaust fan
- 1 ECMSO - Fan starter