

MRP

- Exhaust Rail System



MRP is a ventilation system for exhaust with an extruded aluminium rail and a sliding trolley. The rail is installed overhead along the service bays connected to an exhaust fan. The trolley is equipped with a crush resistant exhaust hose and can be positioned at any service bay where extraction is needed.

DESCRIPTION



MRP-5,8 MRP-2,9
Aluminium profile
Length 5,8m and
2,9m



MRP-S
Rail Splice



RSL-X Low friction
Low friction rubber
seal



MRP-EC
Closed end stop



MRP-CE125
Duct connection
Ø125mm and end stop



MIC-100
Trolley Ø100mm



TRS-00
Mounting Tool



MRP-HS
Hose Storage



REG-100-115
Rubber Nozzle
with vise grip



EH-PV-100-5
Hose Length 5m



RRDC-200
Duct connection Ø200mm

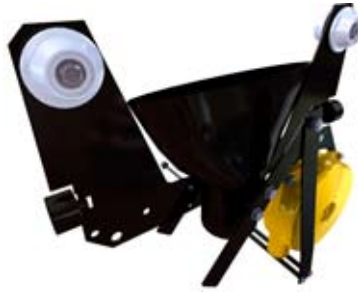
OPTIONAL



Balancer
BRL-300



Suspension Belt
512616



Damper for balancer
MRP-BD

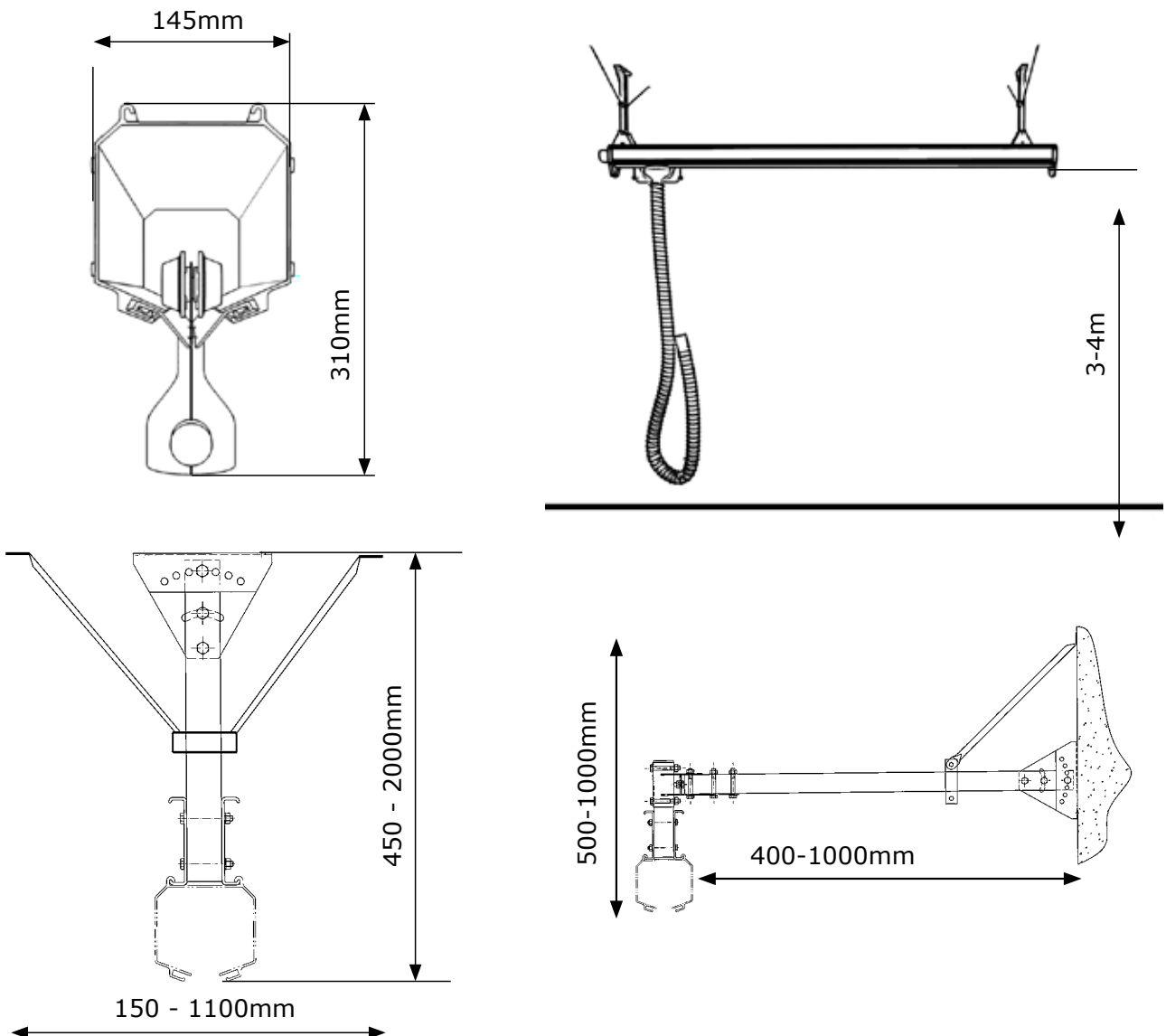


Damper for hook
MRP-D

DESCRIPTION

Track:	6-18m (20' -60')	Trolley:	Internal (with bearings).
Rail material:	Extruded aluminum	Nozzle:	Rubber with CO-outlet and vise grip.
Rubber seal:	EPDM-Rubber with low friction material	Balancer:	Optional 7-14kg lifting power, ratchet and 3m cord.
Hose:	Heat resistance 150° C (300° F) Diam 100mm (4") , length 5m (16ft)		

DIMENSIONAL DATA



SUSPENSIONS

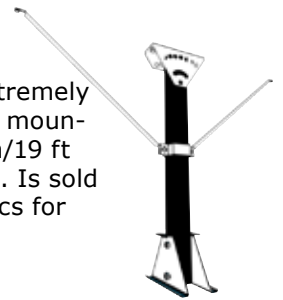
MRP-MKV

This is used to mount the SBT-SL support leg profile to the ceiling of your workshop. The suspension plate is adjustable for angled ceilings to adjust the pitch to vertical. Comes in sets to mount one support length.



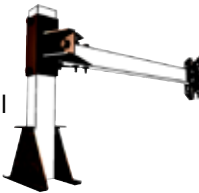
SBT-SL

This is an aluminium profile, extremely strong but light-weight for easy mounting. The profile comes in 5.8 m/19 ft and is cut to fit your application. Is sold by the piece or in packs of 24 pcs for large jobs



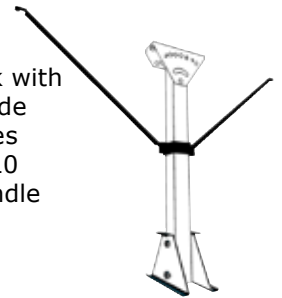
MRP-MKH

This is used to mount the SBT-SL support leg profile to the wall of your workshop. The horizontal slide plate will allow adjustment away from or closer to the wall. Comes in sets for mounting one support suspension.



SBT-SBK

The SBT-SBK is designed to work with the SBT-SL profile to eliminate side movement of support legs. Comes in three lengths (430 mm/17", 710 mm/28" or 1830 mm/72") to handle any ceiling height or angle.



ACCESSORIES

HOSES

PlymoVent has developed a wide range of exhaust hoses in cooperation with a european hose manufacturer.

For more info see separate technical data sheets.



NOZZLES

PlymoVent has a wide range of nozzles for different types of tail pipes.

For more info see separate technical data sheets.



FANS

PlymoVent has a wide range of fans for any application and air volume needed.

For more info see separate technical data sheets.



CONTROL EQUIPMENT

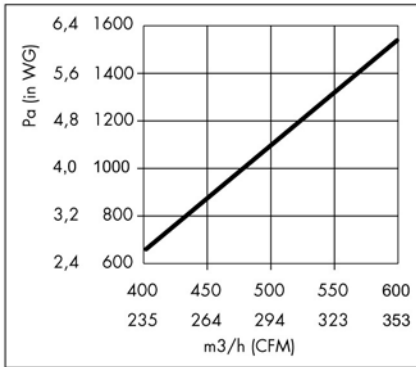
PlymoVent has different types of intelligent control system to get the best function and flexibility out of your exhaust extraction

For more info see separate technical data sheets.

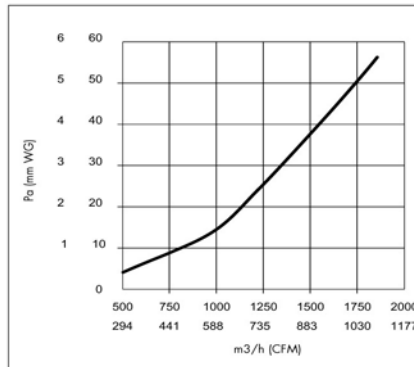


PRESSURE DROP

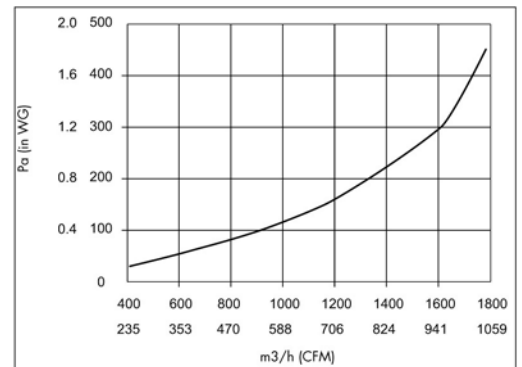
Pressure drop for crab with 5m hose and nozzle.



Pressure drop per metre for rail.



Pressure drop for connection.



SELECTION GUIDE

Choose length of rail

The rail is available in 2,9 m (**MRP-2,9**) and 5,8 m (**MRP-5,8**)

Choose length of rubber seal

For each metre of rail you need the double length of rubber seal. The rubber seal (**RSL-X**) is delivered in the length you need. For easy installation use the tool (**TRS-00**)

Choose number of rail splice

The rail splice (**MRP-S**) joins two rails.

Choose suspensions

We recommend maximum 5 m between suspensions.

Choose number of trolleys

For each trolley you need the trolley itself (**MIC-100**), hose (**EH-PV-100-5**), nozzle (**REG-100-115**) and hose storage (**MRP-HS**).

Choose hose storage

As an alternative to hose storage (**MRP-HS**) you can have a balancer (**BRL-300**) and a suspension belt. PlymoVent also offers a range of different hoses and nozzles for a variety of applications. Contact us for more information.

Automatic Dampers are available for both "hose storage" (**MRP-HS**) and "balancer" (**BRL-300**).

MRP-HS = MRP-D

BRL-300 = MRP-BD

Choose duct connection

Choose between top connection (**RRDC-200**) or end connection (**MRP-CE125**). For 1 or 2 trolleys you can use end or top connection. Use top connection for 3 trolleys. For larger installations, please, contact PlymoVent.

Choose number of end stops

You need one end stop (**MRP-EC**) if you have end connection and two if you have top connection.

Choose fan

Recommended air volume for car and LCV repair shops is 360 m³/h. With this air volume you select a PlymoVent fan as below:

Numbers of trolleys: Fan

1	FUA 1300
2	FUA 2100
3	TEV 585

PLYMOVENT®

Manufacturer

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