

## DESCRIPTION

PRI balancing plenum equalizes the airflow by reducing the flow velocity. Air is spread evenly into the grille, ensuring proper function. A range of grilles can be connected to the distribution duct with the aid of a PRI, improving their characteristics considerably. The plenum also attenuates duct noise. PRI can also be used as an exhaust unit. The unit is connected to the duct with a spigot equipped with a gasket. The duct connection can be located on the side above, below or behind the plenum. Due to the symmetrical structure of the PRI, connections can be made in a number of different ways: by turning the plenum right or left, or by rotating, from above or below.

## Available models

Model	Description
PRI/A	Balancing plenum for supply air with adjustment and measurement module MSM and internal sound attenuation, duct connection from left or right.
PRI/B	Balancing plenum for supply air with adjustment and measurement module MSM and internal sound attenuation, duct connection from back.
PRI/C	Balancing plenum for supply air with adjustment and measurement module MSM and internal sound attenuation, duct connection from top or bottom.
PRI/D	Balancing plenum for exhaust air with adjustment module MEM and internal sound attenuation, duct connection from left or right.
PRI/E	Balancing plenum for exhaust air with adjustment module MEM and internal sound attenuation, duct connection from back.
PRI/F	Balancing plenum for exhaust air with adjustment module MEM and internal sound attenuation, duct connection from top or bottom.
PRI/G	Balancing plenum without adjustment and measurement module and internal sound attenuation, duct connection from back.
PRI/H	Balancing plenum without adjustment and measurement module and internal sound attenuation, duct connection from back.
PRI/I	Balancing plenum without adjustment and measurement module and internal sound attenuation, duct connection from top or bottom.

## Accessories

Accessory	Code	Description
Airflow measurement and adjustment unit	MSM	Adjustment and measurement module for supply airflow rate
Airflow adjustment unit	MEM	Adjustment module for exhaust airflow rate
Pressure test plug	PP	Pressure test plug for duct connection in coupling spigot
Sound attenuation	IN	Internal sound attenuation material of polyester

## TECHNICAL SPECIFICATION & DIMENSIONS

- material casing: galvanized steel
- material telescopic collar with flow equalization: galvanized steel (perforated)
- material attenuation: polyester fibre
- material spigot with gasket: galvanized steel (gasket rubber compound)
- material measurement and adjustment module MSM/MEM: body – aluminum, plate – galvanized steel, brackets – galvanized steel, plastic parts – polypropylene, spindle – stainless steel
- material pressure test plug: polyethylene

Type	Dimensions [mm]				
	A	B=C	ØD	E	F
PRI 200x100	269	217	124	201	101
PRI 300x100	369	252	159	301	101
PRI 400x100	469	252	159	401	101
PRI 500x100	569	292	199	501	101
PRI 300x150	369	292	199	301	151
PRI 400x150	469	342	249	401	151
PRI 500x150	569	342	249	501	151
PRI 600x150	669	342	249	601	151
PRI 800x150	869	407	314	801	151
PRI 400x200	469	342	249	401	201
PRI 500x200	569	407	314	501	201
PRI 600x200	669	407	314	601	201
PRI 800x200	869	407	314	801	201

