

Manifold for FLX-REKU system

FLX-PLO-EPP-R-P



Description

FLX-PLO-EPP-R-P manifolds are intended for use in domestic mechanical ventilation systems. These manifolds connect semi-rigid ducting with a 75mm diameter. In MVHR systems, there is usually one manifold for the supply air and one for the exhaust air. The construction material of the manifolds is expanded polypropylene (EPP), which also has an insulating function. Additional advantages of EPP are the lightness of the products with high stiffness at the same time, good acoustics and no susceptibility to corrosion. For building residential ventilation systems in ATC2 (D) airtightness class acc. to EN 17192:2018

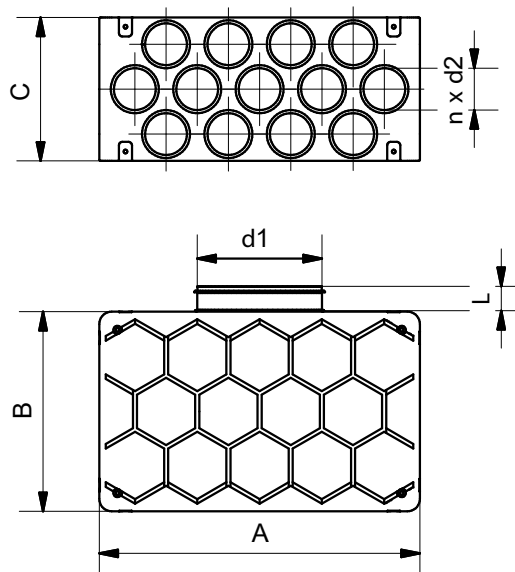
Product code example

Product code **FLX-PLO-EPP-R-P - 75 - 10 - 200 -**

type
diameter $\varnothing d_2$
number of spigots n
diameter $\varnothing d_1$
type of connection
male
F - female

Service temperature	-25°C do +80°C	PN-EN 17192:2019
Reaction to fire	E	EN 13501-1
Thermal conductivity	$\lambda = 0,0038 \text{ W/(m·K)}$	PN-EN 12664:2002
Microbial resistance	1a	Method A PN-EN ISO 846:2019

Dimensions



Product code	A [mm]	B [mm]	C [mm]	L [mm]	d_1 [mm]	n [pcs.]	d_2 [mm]
FLX-PLO-EPP-R-P-75-13-d1	514	320	230	36	125-200	13	63
FLX-PLO-EPP-R-P-75-12-d1	514	320	230	36	125-200	12	63
FLX-PLO-EPP-R-P-75-11-d1	514	320	230	36	125-200	11	63
FLX-PLO-EPP-R-P-75-10-d1	514	320	230	36	125-200	10	63
FLX-PLO-EPP-R-P-75-9-d1	514	320	230	36	125-200	9	63
FLX-PLO-EPP-R-P-75-8-d1	514	320	230	36	125-200	8	63
FLX-PLO-EPP-R-P-75-7-d1	514	320	230	36	125-200	7	63
FLX-PLO-EPP-R-P-75-6-d1	514	320	230	36	125-200	6	63

Choose distribution box according to number of spigots:

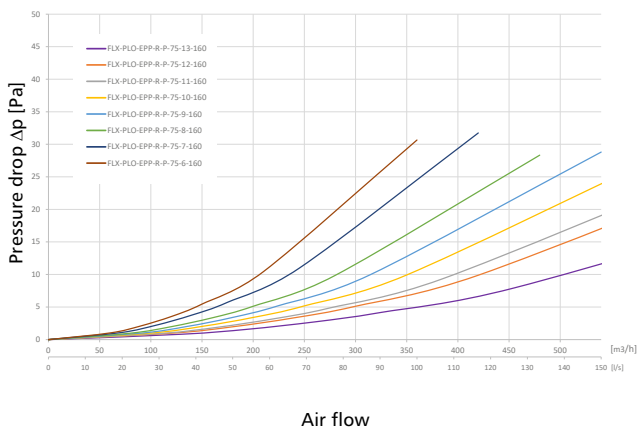
FLX-HDPE $\varnothing$ [mm]	No of FLX duct connection spigots n [pcs.]	Product code of distribution box
75	6	FLX-PLO-EPP-R-P-75-6-d1
	7	FLX-PLO-EPP-R-P-75-7-d1
	8	FLX-PLO-EPP-R-P-75-8-d1
	9	FLX-PLO-EPP-R-P-75-9-d1
	10	FLX-PLO-EPP-R-P-75-10-d1
	11	FLX-PLO-EPP-R-P-75-11-d1
	12	FLX-PLO-EPP-R-P-75-12-d1
	13	FLX-PLO-EPP-R-P-75-13-d1

Manifold for FLX-REKU system

FLX-PLO-EPP-R-P

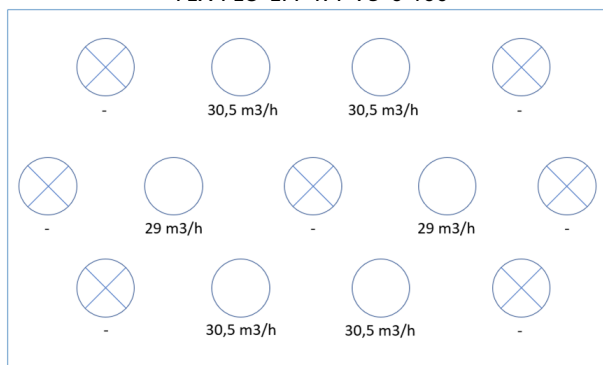
Technical data

Pressure drop charts

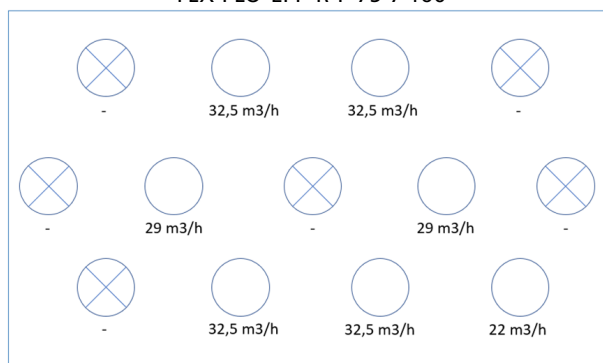


Examples of air flow distribution (supply air):

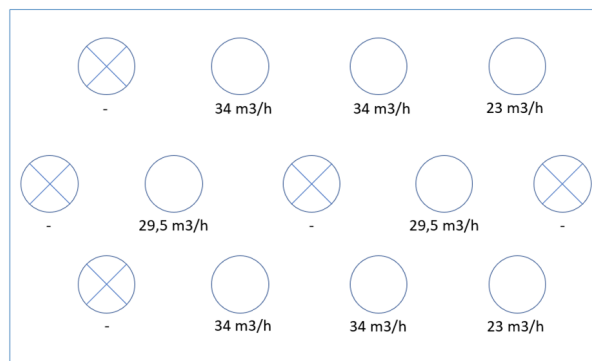
FLX-PLO-EPP-R-P-75-6-160



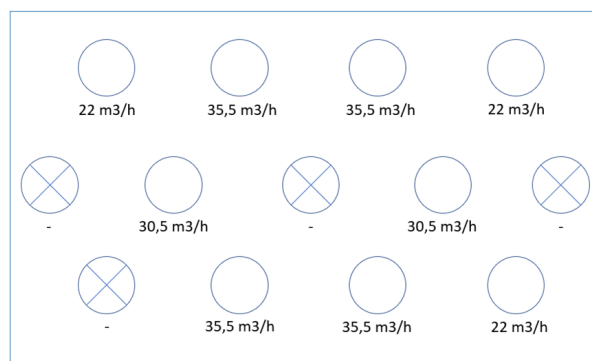
FLX-PLO-EPP-R-P-75-7-160



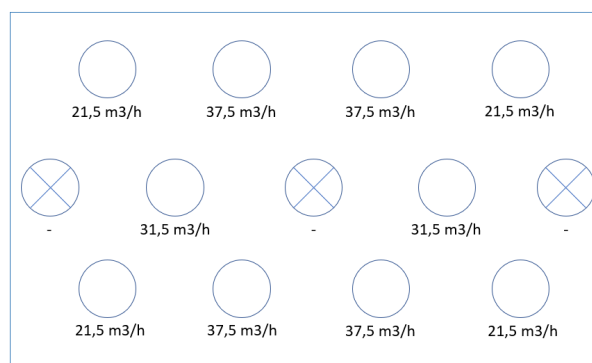
FLX-PLO-EPP-R-P-75-8-160



FLX-PLO-EPP-R-P-75-9-160



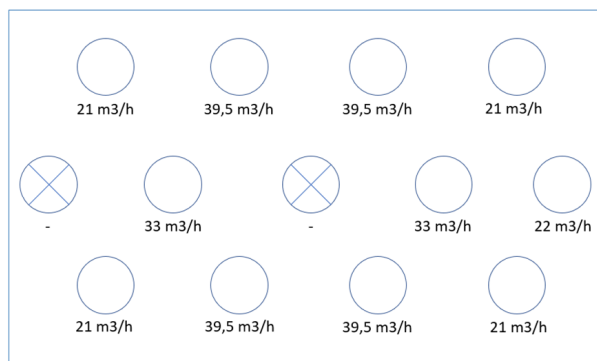
FLX-PLO-EPP-R-P-75-10-160



Manifold for FLX-REKU system

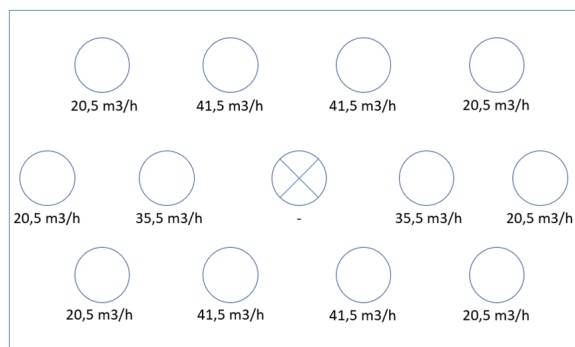
FLX-PLO-EPP-R-P

FLX-PLO-EPP-R-P-75-11-160



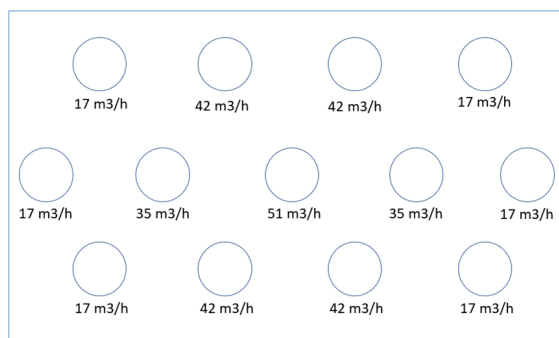
Pressure drop: 7.20 Pa
Airflow: 330 m³/h

FLX-PLO-EPP-R-P-75-12-160

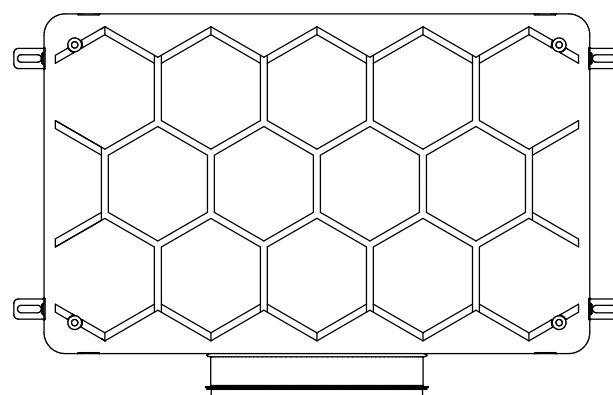
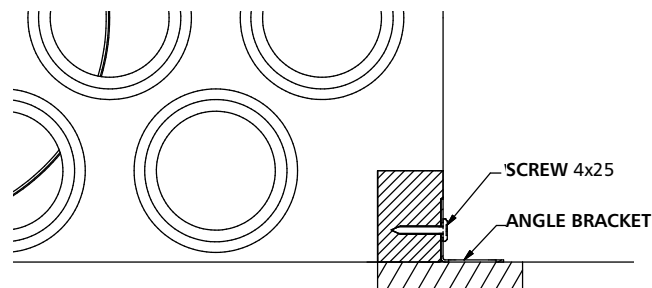


Pressure drop: 7.34 Pa
Airflow: 360 m³/h

FLX-PLO-EPP-R-P-75-13-160



Pressure drop: 5.94 Pa
Airflow: 390 m³/h

Installation method**Installation using angle brackets**

Angle brackets for easy installation

Code: FLX-BRACK-10-EPP

Screws for screwing angles

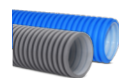
Code: WPO-4,2-25

Note! All mounting accessories must be purchased separately!

The **FLX-CS-PVC** end caps fit the $\varnothing d_2$ connection spigots



You may also need:



FLX-HDPE / FLX-HDPE-A Semi-rigid ducting



FLX-CS-PVC End caps