Manifold for FLX-REKU system

FLX-PLO-EPP-R-P

Description

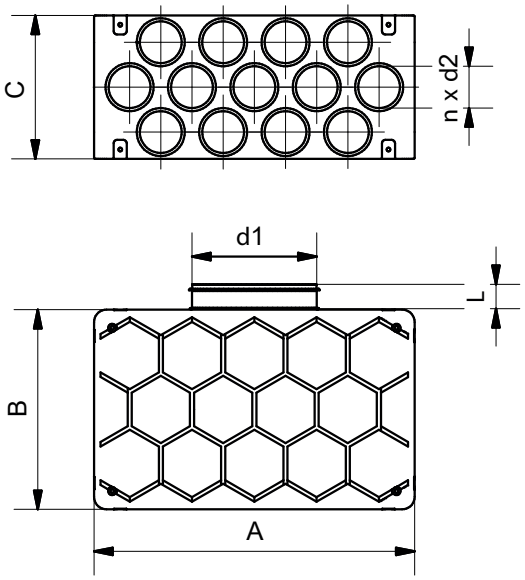
FLX-PLO-EPP-R-P manifolds are intended for use in domestic mechanical ventilation systems. These manifolds connect semi-rigid ducting with a 75mm diameter. In MVHR systems, there is usually one manifold for the supply air and one for the exhaust air. The construction material of the manifolds is expanded 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.

Product code example

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

type
diameter Ød$_2$
number of spigots n
diameter Ød$_1$
type of connection
male
F - female

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 Ø [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

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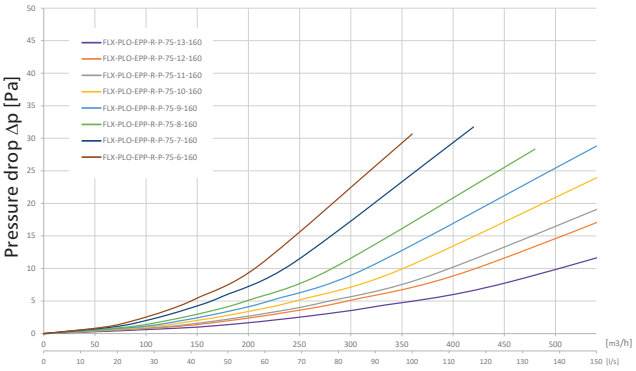
FLX-PLO-EPP-R-P

Technical data

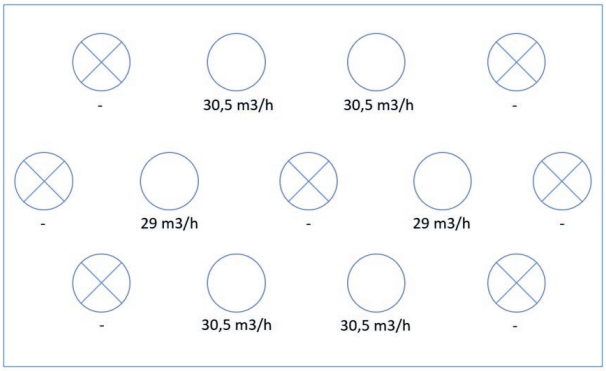
Pressure drop charts



Air flow

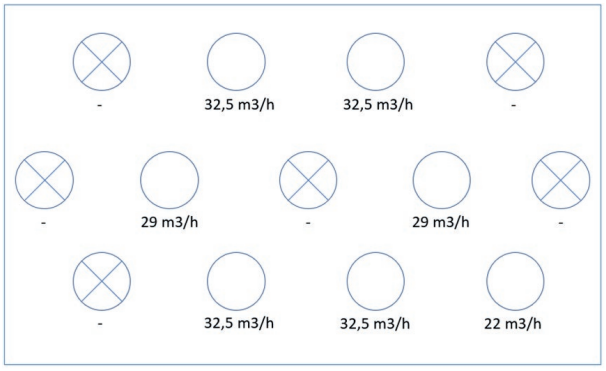
Examples of air flow distribution (supply air):

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



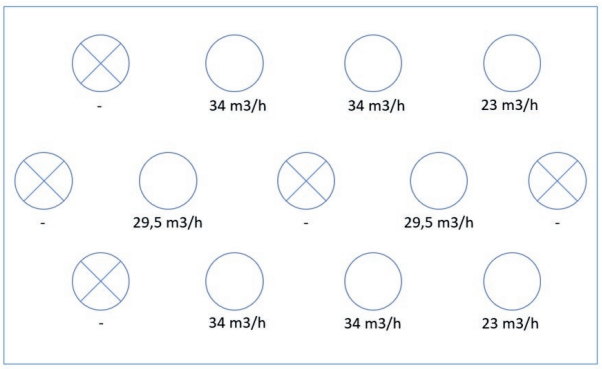
Pressure drop: 7.77 Pa
Airflow: 180 m³/h

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



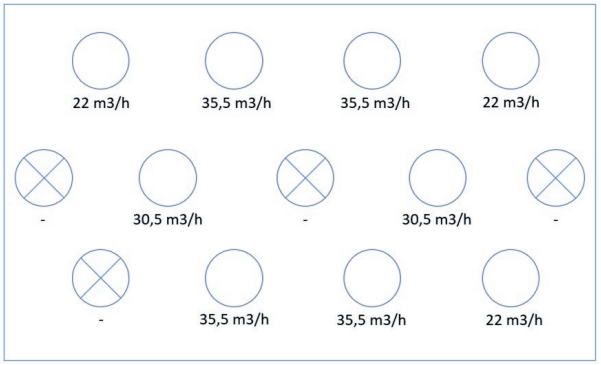
Pressure drop: 8.29 Pa
Airflow: 210 m³/h

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



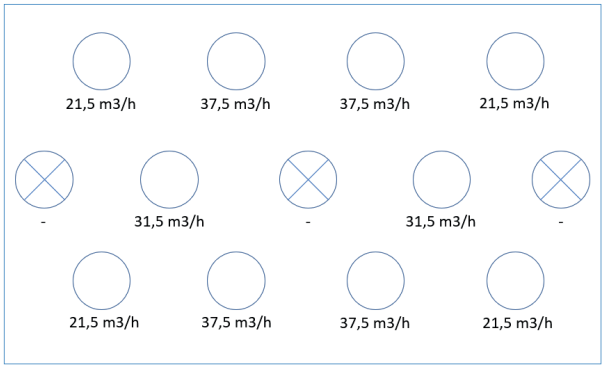
Pressure drop: 7.30 Pa
Airflow: 240 m³/h

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



Pressure drop: 7.53 Pa
Airflow: 270 m³/h

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

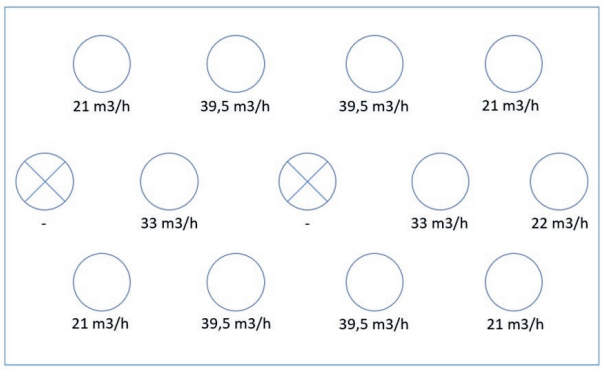


Pressure drop: 7.35 Pa
Airflow: 300 m³/h

Manifold for FLX-REKU system

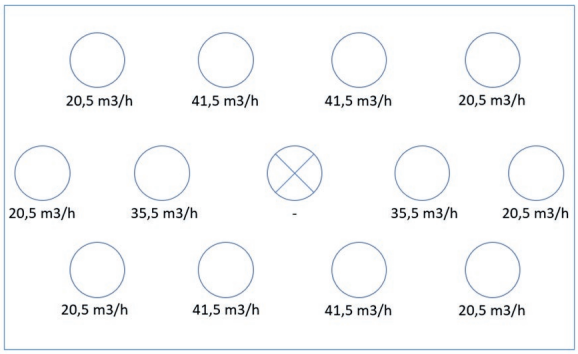
FLX-PLO-EPP-R-P

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



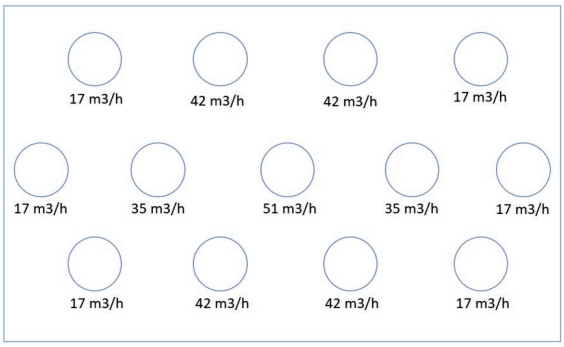
Pressure drop: 7.20 Pa
Airflow: 330 m³/h

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



Pressure drop: 7.34 Pa
Airflow: 360 m³/h

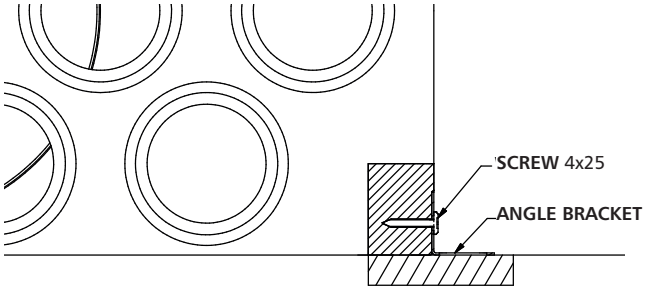
FLX-PLO-EPP-R-P-75-13-160

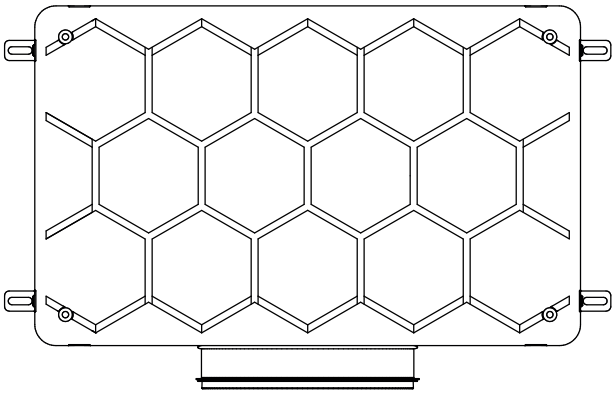


Pressure drop: 5.94 Pa
Airflow: 390 m³/h

Installation method

Installation using angle brackets





Service temperature	-25°C do +80°C	PN-EN 17192:2019
Reaction to fire	E	EN 13501-1
Thermal conductivity	λ= 0,0038 W/ (m·k)	PN-EN 12664:2002
Microbial resistance	1a	Metoda A PN-EN ISO 846:2019

Angle brackets for easy installation
Code: FLX-BRACK-10-EPP

Note! All mounting accessories must be purchased separately!