

Plenum box for air valve

# FLX-PLO/FLX-PRO



## Description

FLX-PLO / FLX-PRO plenum boxes are components of the FLX-REKU system intended for domestic mechanical ventilation systems, also known as mechanical ventilation heat recovery (MVHR) or heat recovery ventilation.

The low profile plenum boxes require less installation space than standard solutions, which is very convenient when they should not be prominent once concealed. This advantage helps free up usable indoor area.

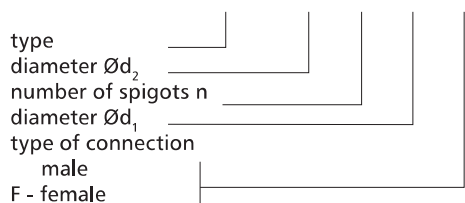
FLX-PLO plenum boxes are made of galvanized steel sheet. Plenum boxes made from stainless steel are available on request.

Available also insulated plenum box version - **FLX-PLI** and **FLX-PRI**. These plenum boxes have inside a insulation lining made from 9 mm thick rubber foam.

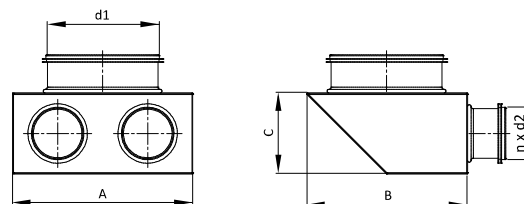
FLX-PLO plenum boxes are equipped with duct connection spigot  $\varnothing d_2$  with a EPDM seal – this type of connection with FLX-HDPE ducting is airtight and easy to install.

### Product code example

Product code **FLX-PLO - 75 - 2 - 150 - F**



## Dimensions



| Product code        | A [mm] | B [mm] | C [mm] | $d_1$ [mm] | n [szt.] | $d_2$ [mm] |
|---------------------|--------|--------|--------|------------|----------|------------|
| FLX-PRO-63-1- $d_1$ | 180    | 180    | 75     | 80-160     | 1        | 63         |
| FLX-PRO-63-2- $d_1$ | 180    | 180    | 75     | 80-160     | 2        | 63         |
| FLX-PRO-63-3- $d_1$ | 180    | 280    | 75     | 80-160     | 3        | 63         |
| FLX-PLO-75-1- $d_1$ | 180    | 200    | 75     | 80-160     | 1        | 63         |
| FLX-PLO-75-2- $d_1$ | 180    | 200    | 75     | 80-160     | 2        | 63         |
| FLX-PLO-75-3- $d_1$ | 180    | 300    | 75     | 80-160     | 3        | 63         |
| FLX-PLO-90-1- $d_1$ | 180    | 240    | 110    | 80-160     | 1        | 75         |
| FLX-PLO-90-2- $d_1$ | 180    | 240    | 110    | 80-160     | 2        | 75         |
| FLX-PLO-90-3- $d_1$ | 180    | 360    | 110    | 80-160     | 3        | 75         |

Duct connection spigot  $d_1$ : 80, 100, 125, 150, 160 mm

**FLX-CS-PVC** end caps fit connection spigots of FLX-PLO-75 and FLX-PLO-90 plenum boxes.



**FLX-CF-PVC** end caps fit (inside) duct connection spigots of FLX-PRO-63 plenum boxes.

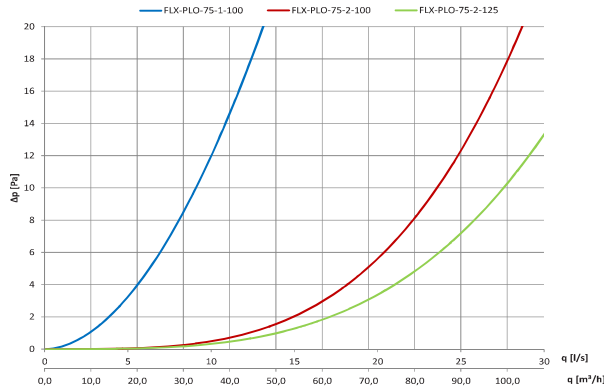


## Plenum box for air valve

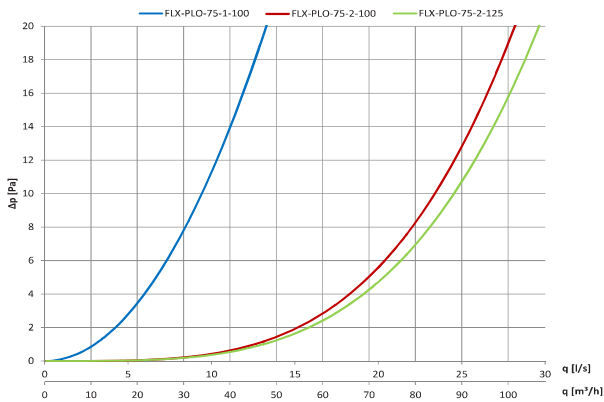
# FLX-PLO/FLX-PRO

### Technical data

Pressure drop charts for the supply air plenum box: Ø100, Ø125



Pressure drop charts for the exhaust air plenum box: Ø100, Ø125



### Types of plenum boxes

FLX-PLO plenum box



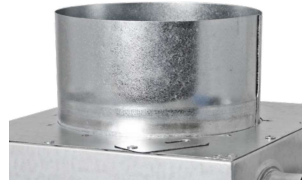
FLX-PRO plenum box (spigot - 63mm only)



FLX-PLO-75-2-160 male connection spigot Ød<sub>1</sub> with a seal



FLX-PLO-75-2-160-F female connection spigot Ød<sub>1</sub>



On request, plenum boxes can be supplied with additional safety clips, that secure the semi-rigid duct in the place and protect it from disconnecting: FLX-PLO-75-...-H

