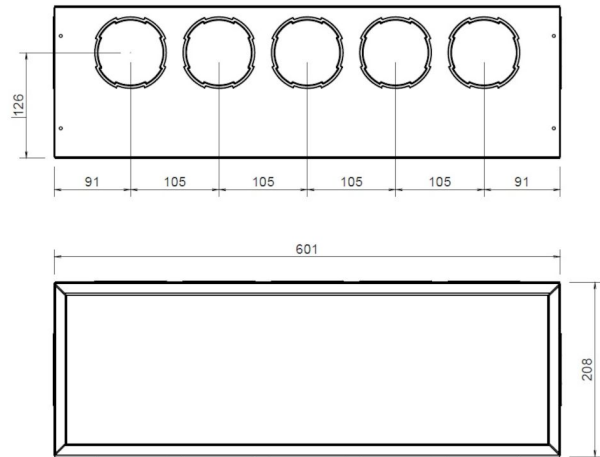
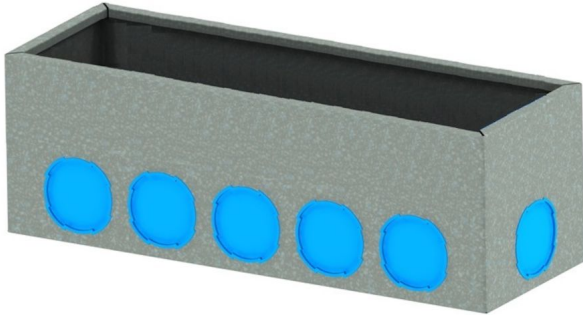


General information

Hybalans+ Supply/Extract plenum XL 450#12



Specifications

Article number	400470444
Product category	Air extraction plenum / Air distribution
Material	Galvanized
Colour	Material own colour
Wall Thickness (mm)	1
Weight (kg)	2,63

Dimensions

Dimensions (l x w x h mm)	601 x 208 x 180
Connection diameter flexible (mm)	75/92
Connection diameter rigid (mm)	-

Application Insights

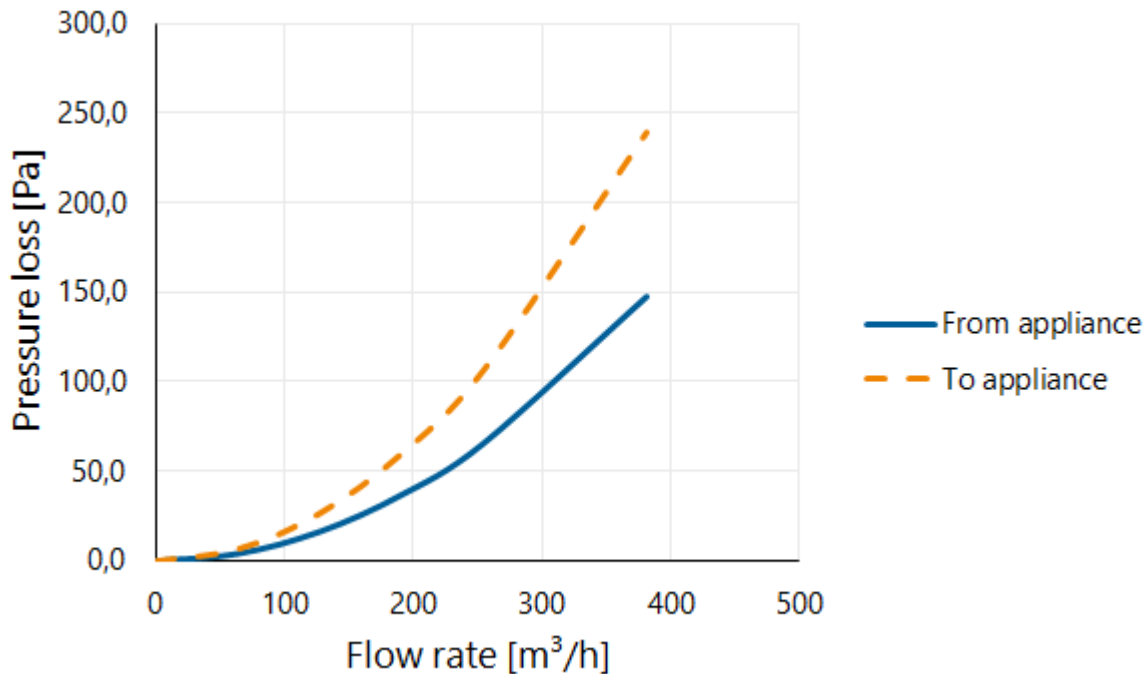
Intended use	Air
Supply / Extract	Supply/Extract
Number of connections	12
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m ³ /h)	450
Air Tightness Class	3
R-value (m ² K/W)	0
Other specifications	-

Manifoldbox with flexible duct 75mm and insulated ducting 150mm

Pressure loss



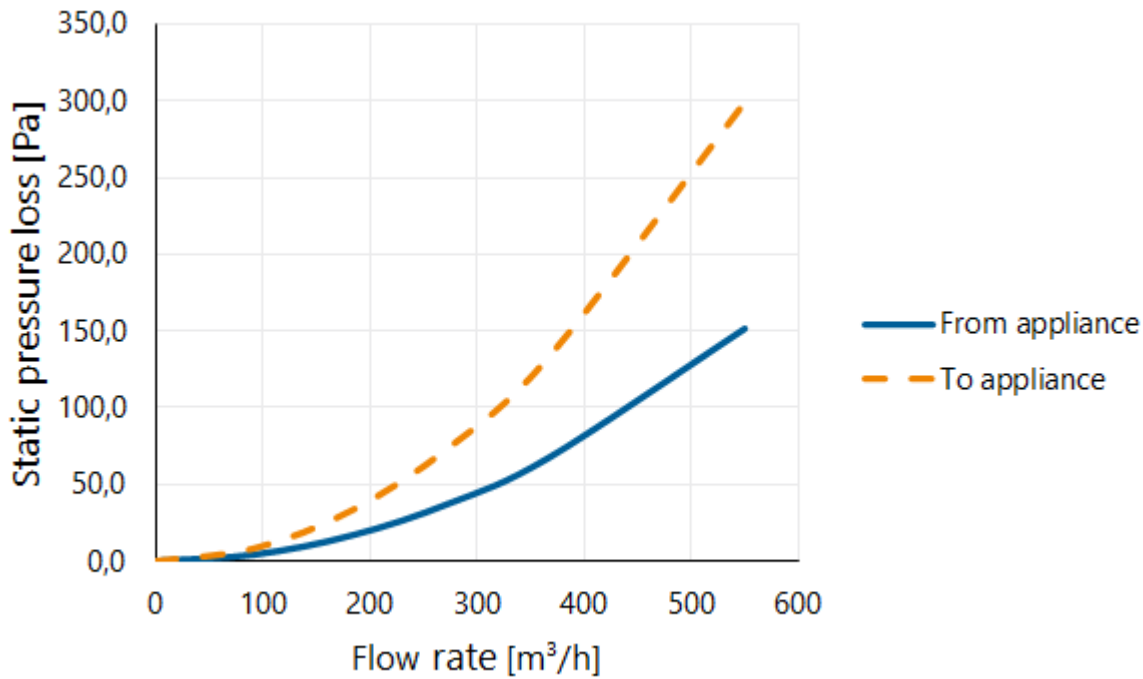
Manifoldbox with flexible duct 75mm and insulated ducting 150mm

Flow velocity pressure table

Flow rate			Static pressure loss	
[m/s]	[m³/h]	[l/s]	From appliance [Pa]	To appliance [Pa]
0	0	0	0,0	0,0
1	64	18	4,1	6,6
2	127	35	16,4	26,5
3	191	53	36,8	59,7
4	254	71	65,5	106,2
6	382	106	147,3	238,9

Manifoldbox with flexible duct 92mm and insulated ducting 180mm

Pressure loss



Manifoldbox with flexible duct 92mm and insulated ducting 180mm

Flow velocity pressure table

Flow rate			Static pressure loss	
[m/s]	[m³/h]	[l/s]	From appliance [Pa]	To appliance [Pa]
0	0	0	0,0	0,0
1	92	25	4,2	8,3
2	183	51	16,8	33,3
3	275	76	37,8	74,9
4	366	102	67,2	133,1
6	550	153	151,1	299,5