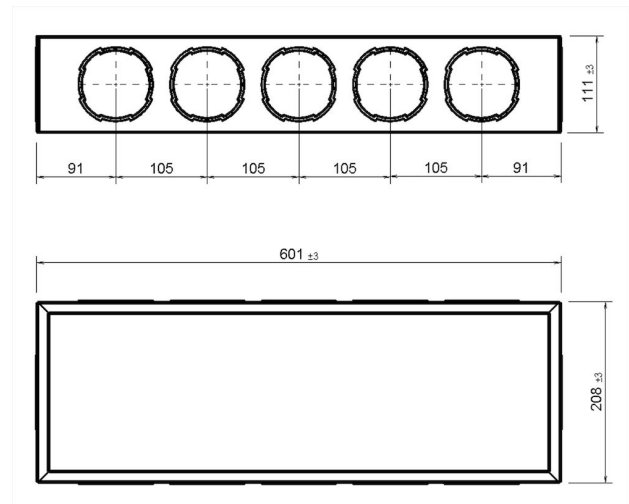
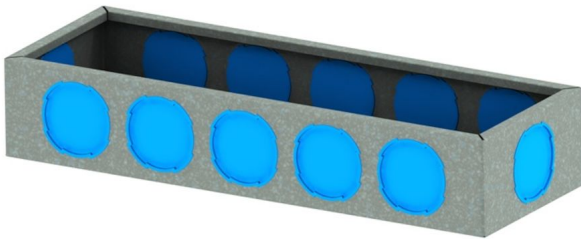


General information

Hybalans+ Supply/Extract plenum 450#12



Specifications

Article number	400470443
Product category	Air extraction plenum / Air distribution
Material	Galvanized
Colour	Material own colour
Wall Thickness (mm)	1
Weight (kg)	2,3

Dimensions

Dimensions (l x w x h mm)	601 x 208 x 111
Connection diameter flexible (mm)	75/92
Connection diameter rigid (mm)	-

Application Insights

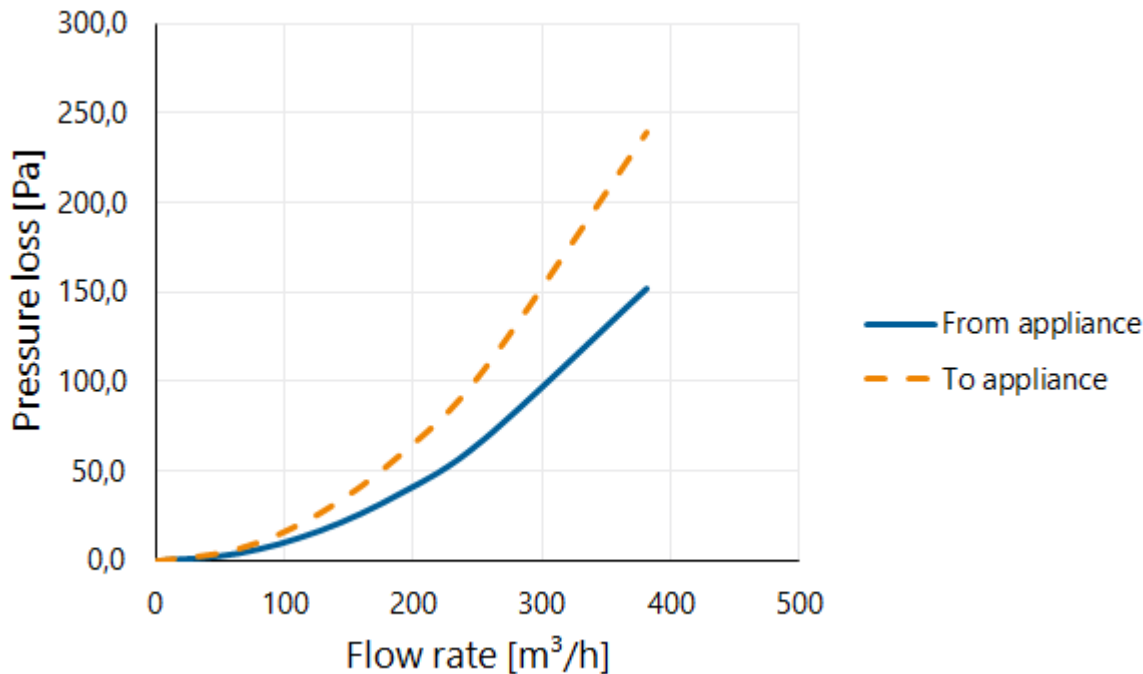
Intended use	Air
Supply / Extract	Supply/Extract
Number of connections	12
Temperature range (°C)	-25 / +80

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



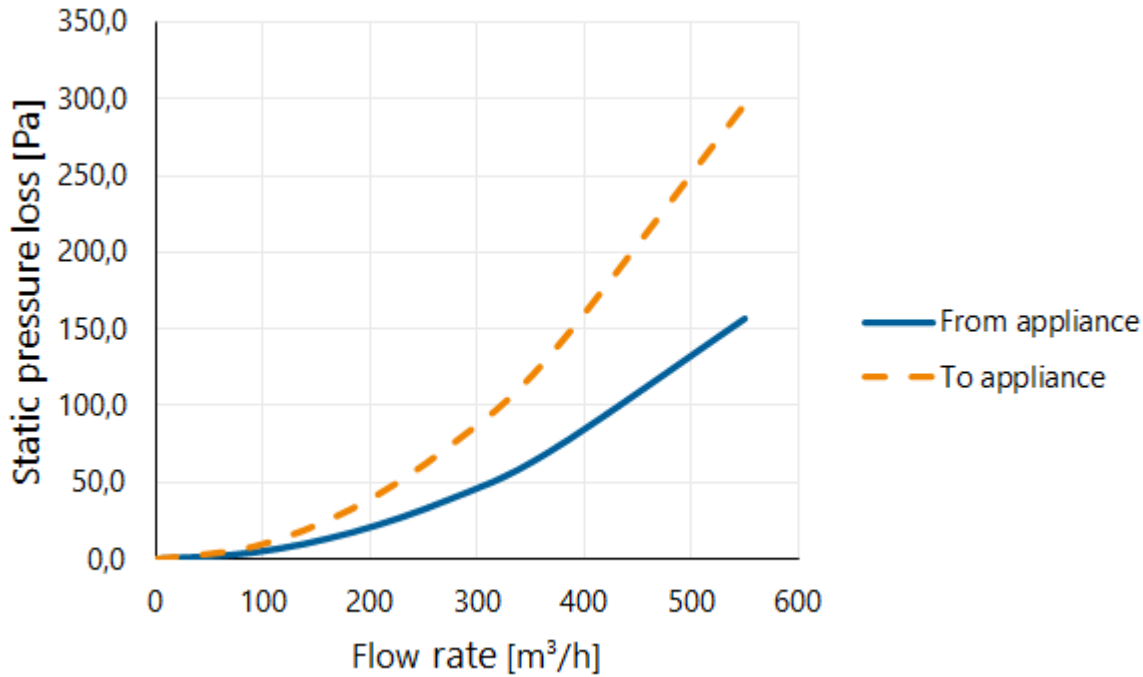
Manifoldbox with flexible duct 75mm and insulated ducting 150mm

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	4,2	6,7
2	127	35	16,9	26,6
3	191	53	38,1	59,9
4	254	71	67,7	106,5
6	382	106	152,3	239,7

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	4,3	8,2
2	183	51	17,4	33,0
3	275	76	39,1	74,2
4	366	102	69,6	131,8
6	550	153	156,5	296,6