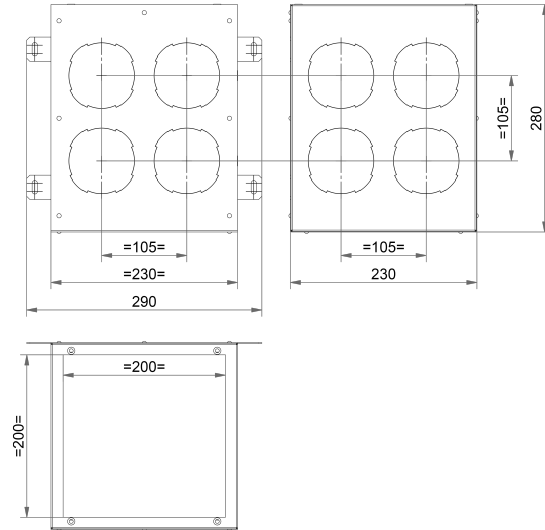


General information

Galvanized steel universal air distribution plenum with 16 connections, insulated



Specifications

Article number	HBPLT 04
Product category	Air extraction plenum/ Air distribution
Material	Galvanized
Colour	Material own colour
Wall Thickness (mm)	0,8
Weight (kg)	2,78

Dimensions

Dimensions (l x w x h mm)	230 x 230 x 280
Connection diameter flexible (mm)	75/90
Connection diameter ridged (mm)	125, 160, 180, 200

Application Insights

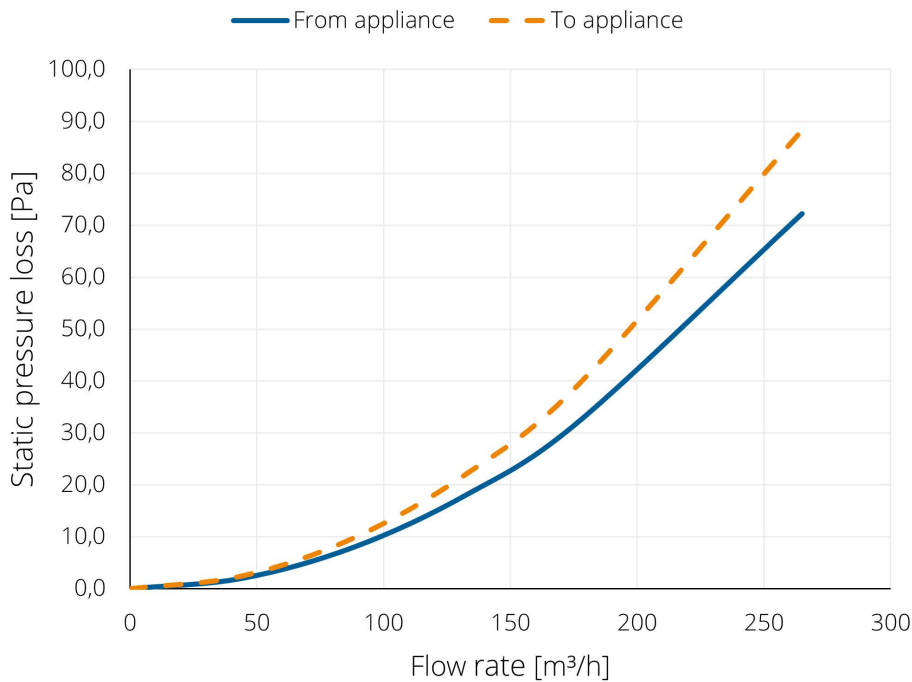
Application	Air
Supply / Extract	Supply / Extract
Number of connections	16
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m ³ /h)	180
Air tightness class (ATC)	3
R-value 10°C (m ² K/W)	0,17
Other specifications	-

Plenum with 3 flexible duct 75 mm and insulated ducting 125 mm

Pressure loss



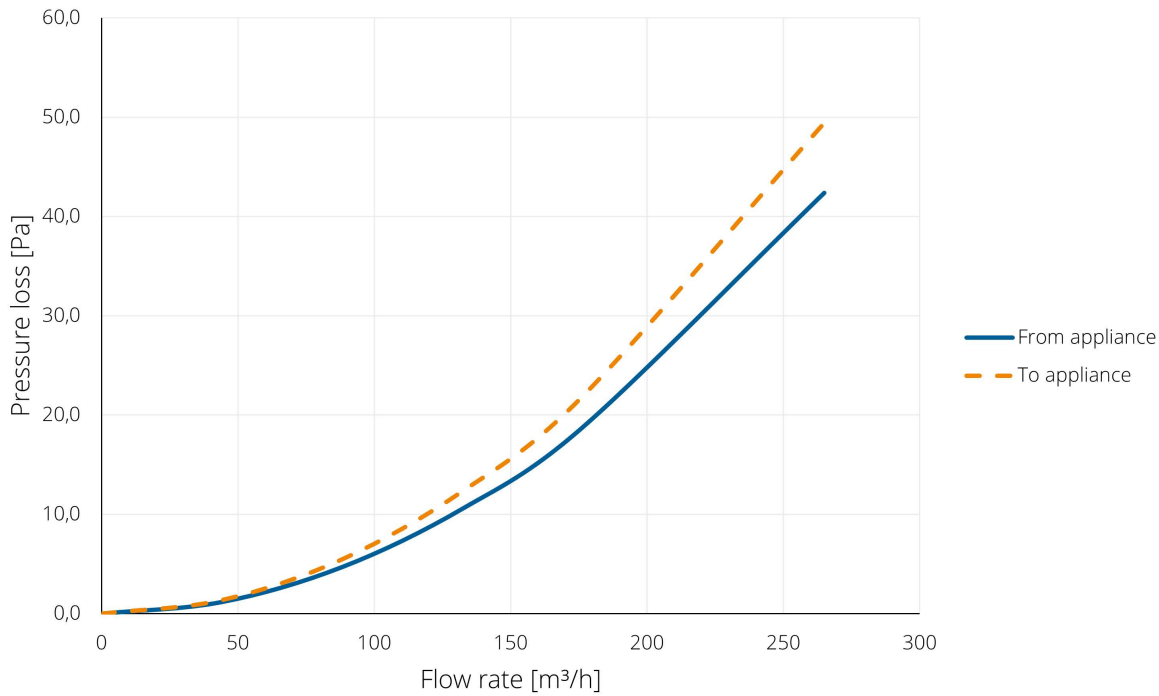
Plenum with 3 flexible duct 75 mm and insulated ducting 125 mm

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	44	12	2,0	2,5
2	88	25	8,0	9,8
3	133	37	18,1	22,1
4	177	49	32,1	39,2
6	265	74	72,2	88,3

Plenum with 3 flexible duct 90 mm and insulated ducting 125 mm

Pressure loss



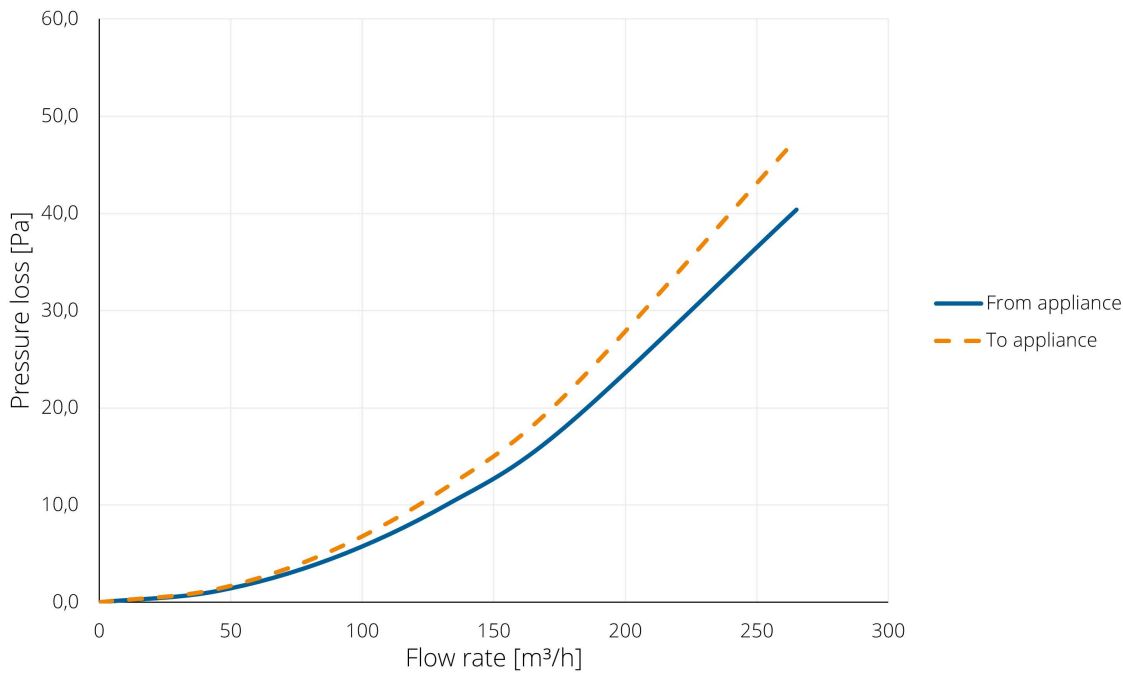
Plenum with 3 flexible duct 90 mm and insulated ducting 125 mm

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	44	12	1,2	1,4
2	88	25	4,7	5,5
3	133	37	10,6	12,4
4	177	49	18,8	22,0
6	265	74	42,4	49,4

Plenum with 4 flexible duct 75 mm and insulated ducting 125 mm

Pressure loss



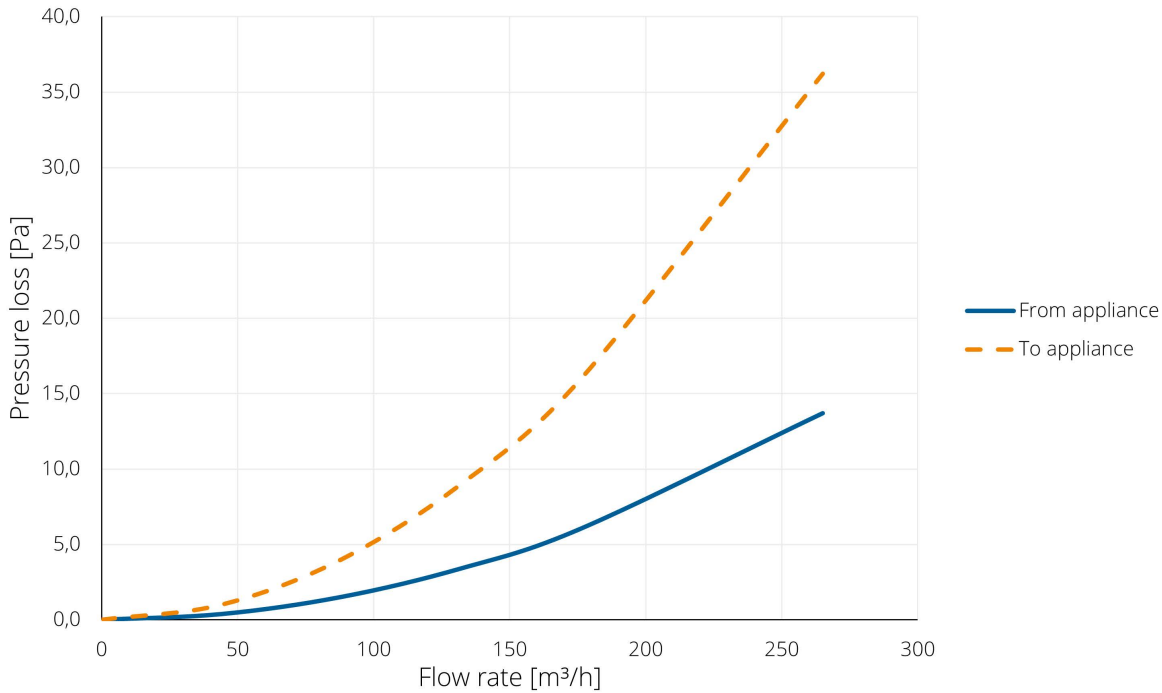
Plenum with 4 flexible duct 75 mm and insulated ducting 125 mm

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	44	12	1,1	1,3
2	88	25	4,5	5,3
3	133	37	10,1	11,9
4	177	49	18,0	21,2
6	265	74	40,4	47,7

Plenum with 4 flexible duct 90 mm and insulated ducting 125 mm

Pressure loss



Plenum with 4 flexible duct 90 mm and insulated ducting 125 mm

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	44	12	0,4	1,0
2	88	25	1,5	4,0
3	133	37	3,4	9,1
4	177	49	6,1	16,1
6	265	74	13,7	36,2