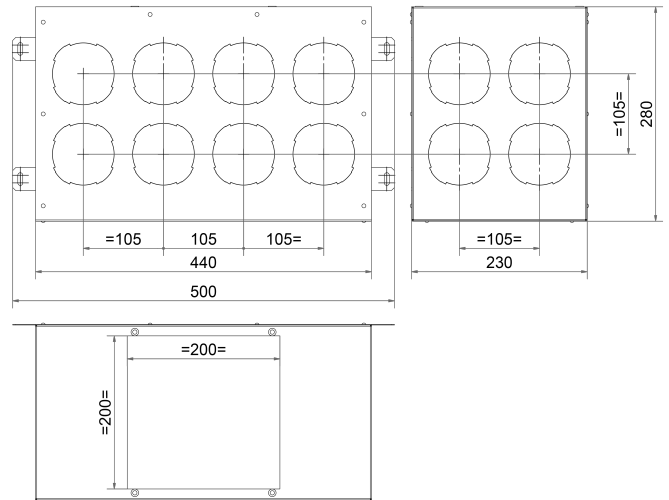
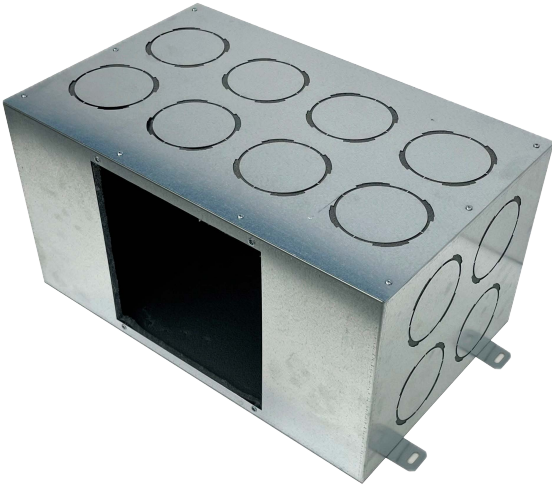


General information

Universal galvanized steel air distribution plenum, insulated, with 24 connections



Specifications

Article number	HBPLT 08
Product category	Air extraction plenum / Air distribution
Material	Galvanized
Colour	Material own colour
Wall Thickness (mm)	0,8
Weight (kg)	4,38

Dimensions

Dimensions (l x w x h mm)	440 x 230 x 280
Connection diameter flexible (mm)	75/90
Connection diameter ridged (mm)	125, 160, 180, 200

Application Insights

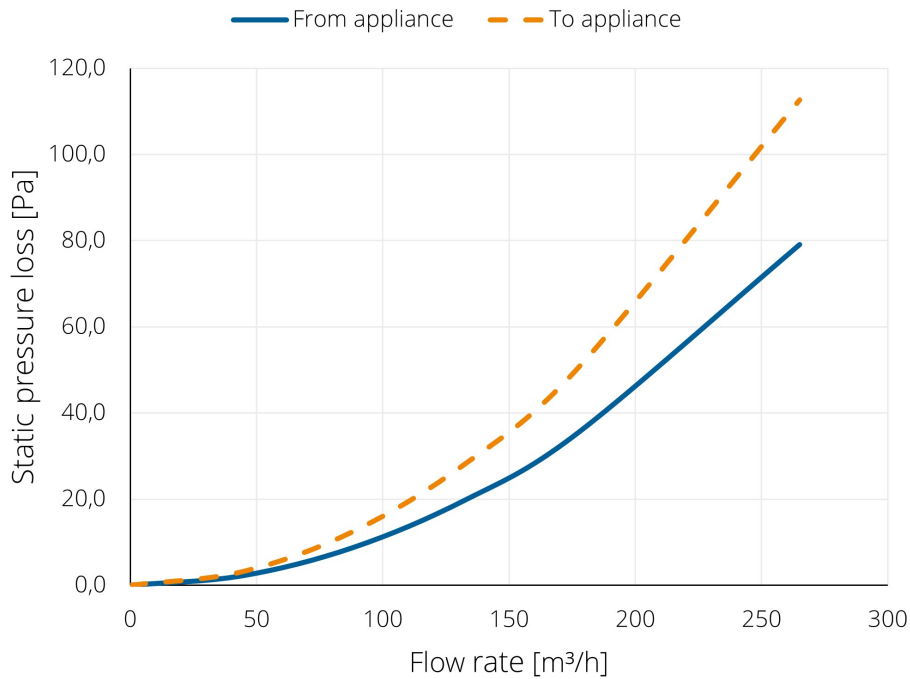
Application	Air
Supply / Extract	Supply / Extract
Number of connections	24
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m ³ /h)	320
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



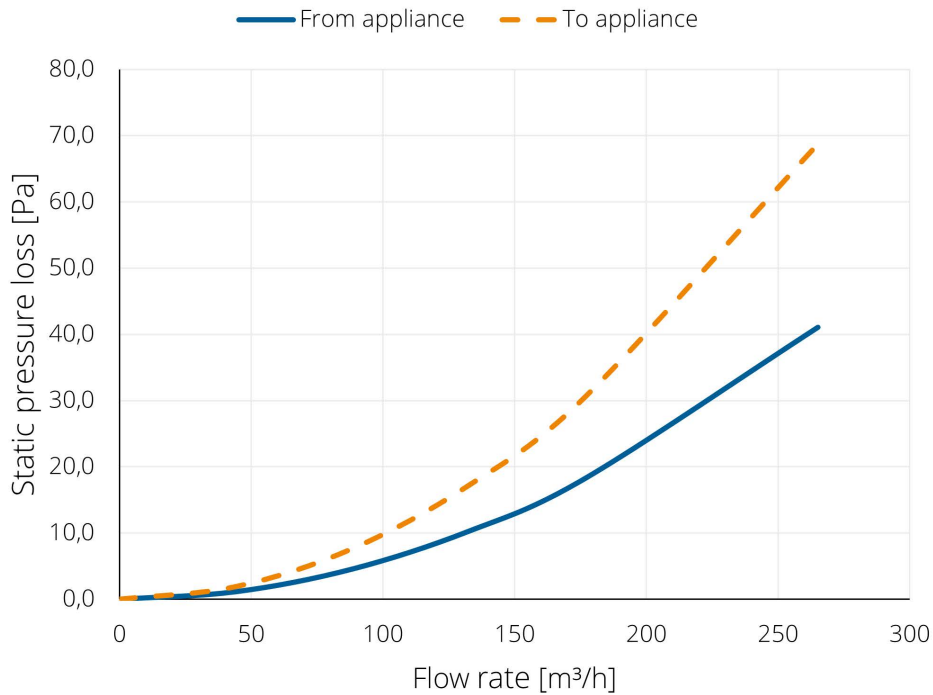
Plenum with 3 flexible duct 75 mm and insulated ducting 125 mm

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	2,2	3,1
2	88	25	8,8	12,5
3	133	37	19,8	28,2
4	177	49	35,2	50,1
6	265	74	79,1	112,7

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

Pressure loss



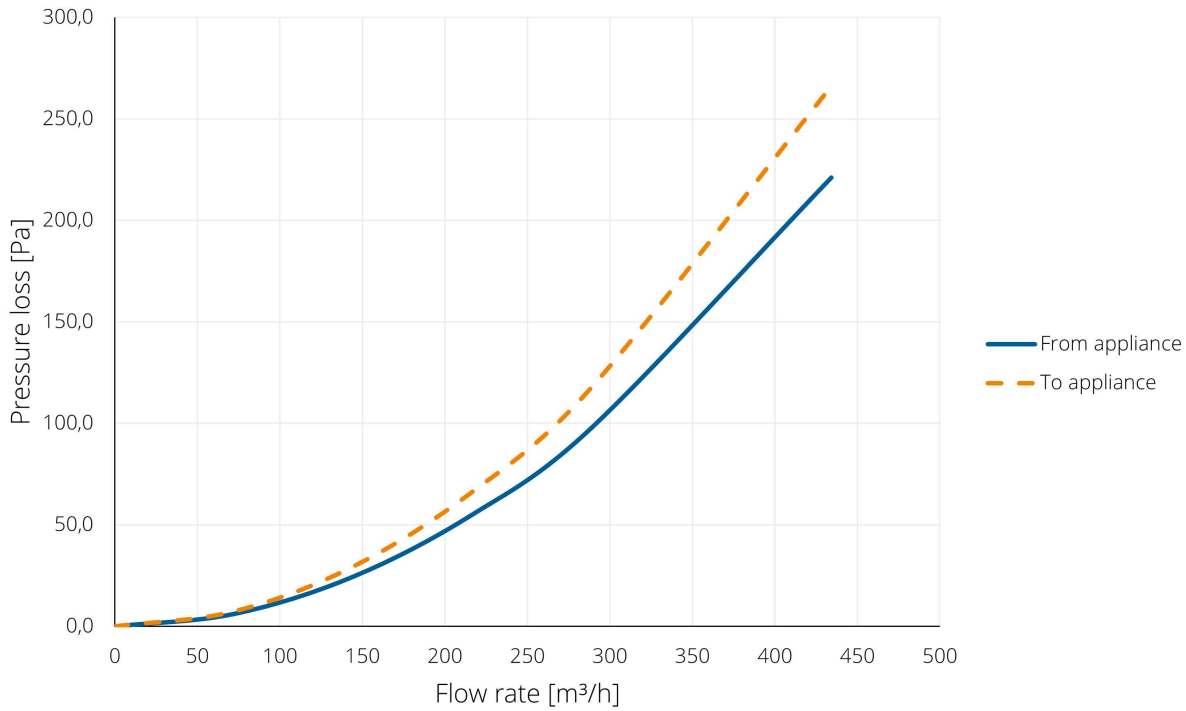
Plenum with 3 flexible duct 90 mm and insulated ducting 125 mm

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	1,1	1,9
2	88	25	4,6	7,6
3	133	37	10,3	17,2
4	177	49	18,2	30,5
6	265	74	41,0	68,7

Plenum with 3 flexible duct 75 mm and insulated ducting 160 mm

Pressure loss



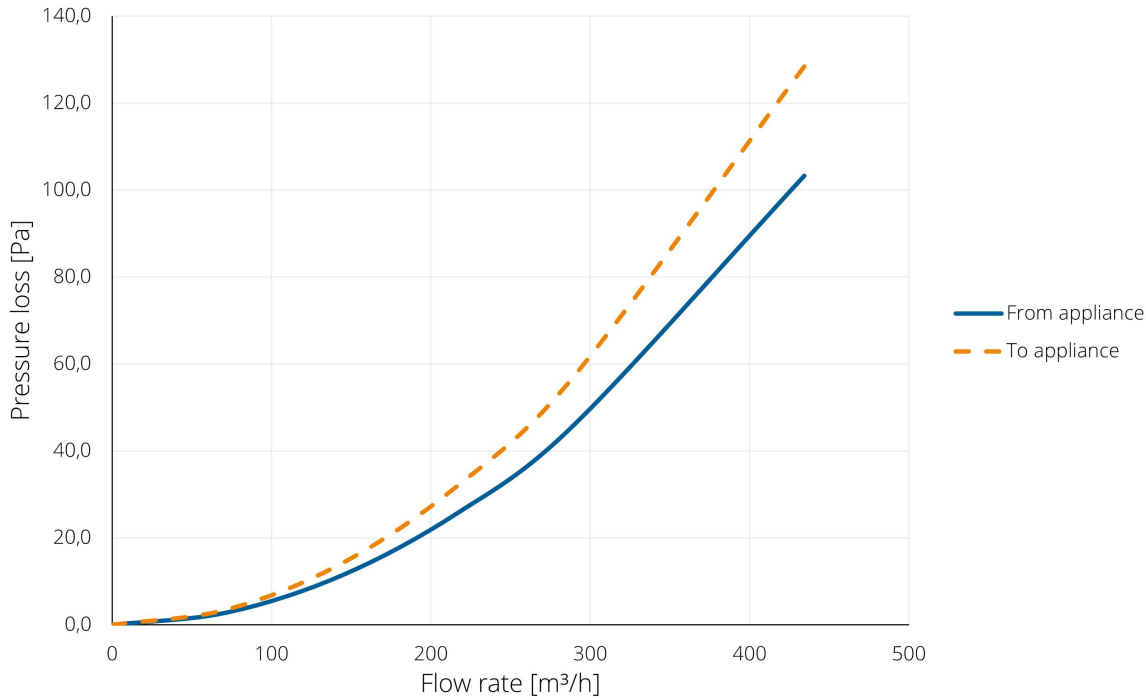
Plenum with 3 flexible duct 75 mm and insulated ducting 160 mm

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	72	20	6,1	7,4
2	145	40	24,6	29,6
3	217	60	55,3	66,6
4	290	80	98,3	118,3
6	434	121	221,2	266,2

Plenum with 3 flexible duct 90 mm and insulated ducting 160 mm

Pressure loss



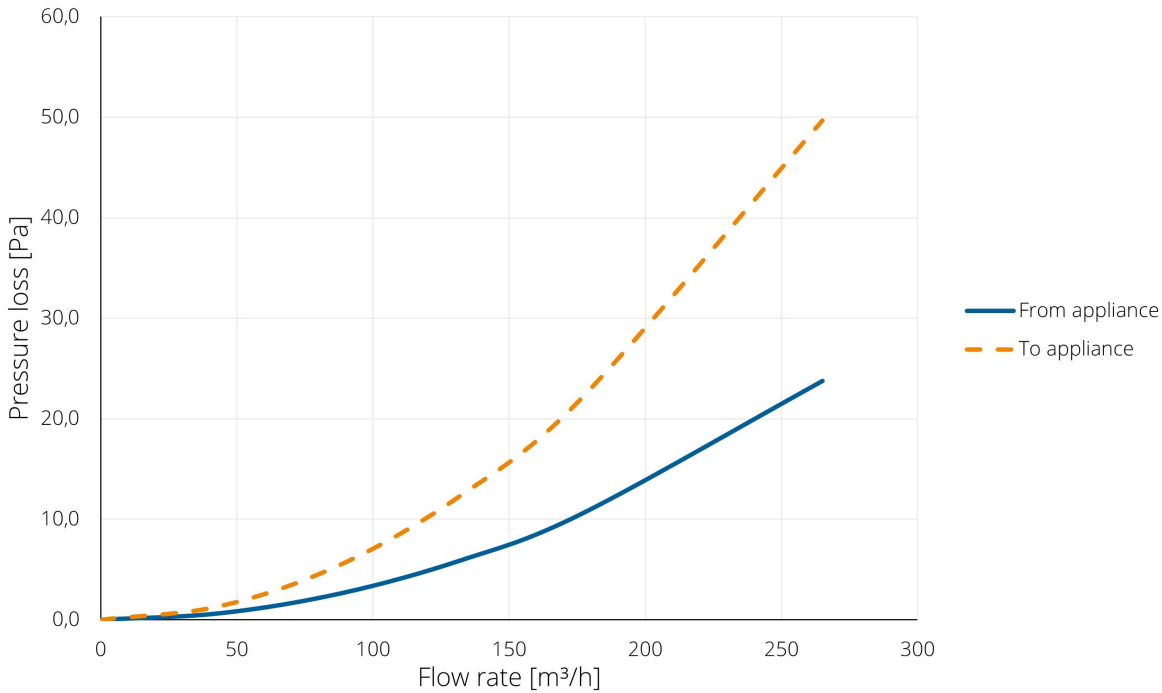
Plenum with 3 flexible duct 90 mm and insulated ducting 160 mm

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	72	20	2,9	3,6
2	145	40	11,5	14,3
3	217	60	25,8	32,1
4	290	80	45,9	57,1
6	434	121	103,3	128,5

Plenum with 5 flexible duct 75 mm and insulated ducting 125 mm

Pressure loss



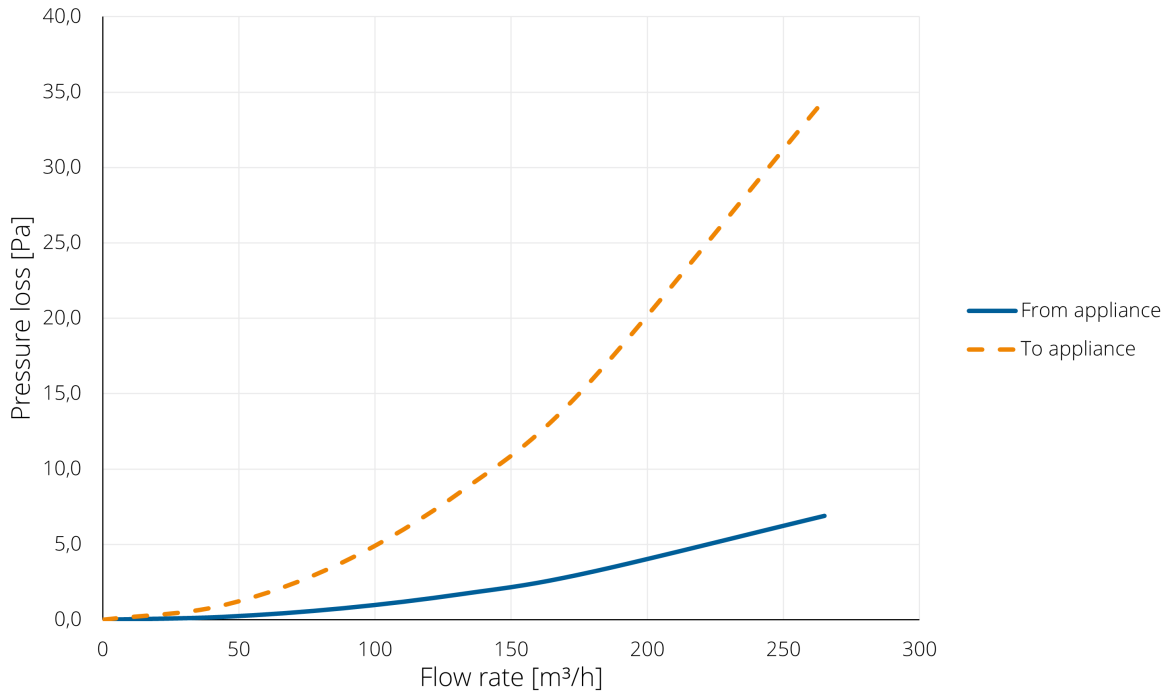
Plenum with 5 flexible duct 75 mm and insulated ducting 125 mm

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[m/s]	[m³/h]	[l/s]	From appliance [Pa]	To appliance [Pa]
0	0	0	0,0	0,0
1	44	12	0,7	1,4
2	88	25	2,6	5,5
3	133	37	5,9	12,4
4	177	49	10,6	22,1
6	265	74	23,7	49,7

Plenum with 8 flexible duct 75 mm and insulated ducting 125 mm

Pressure loss



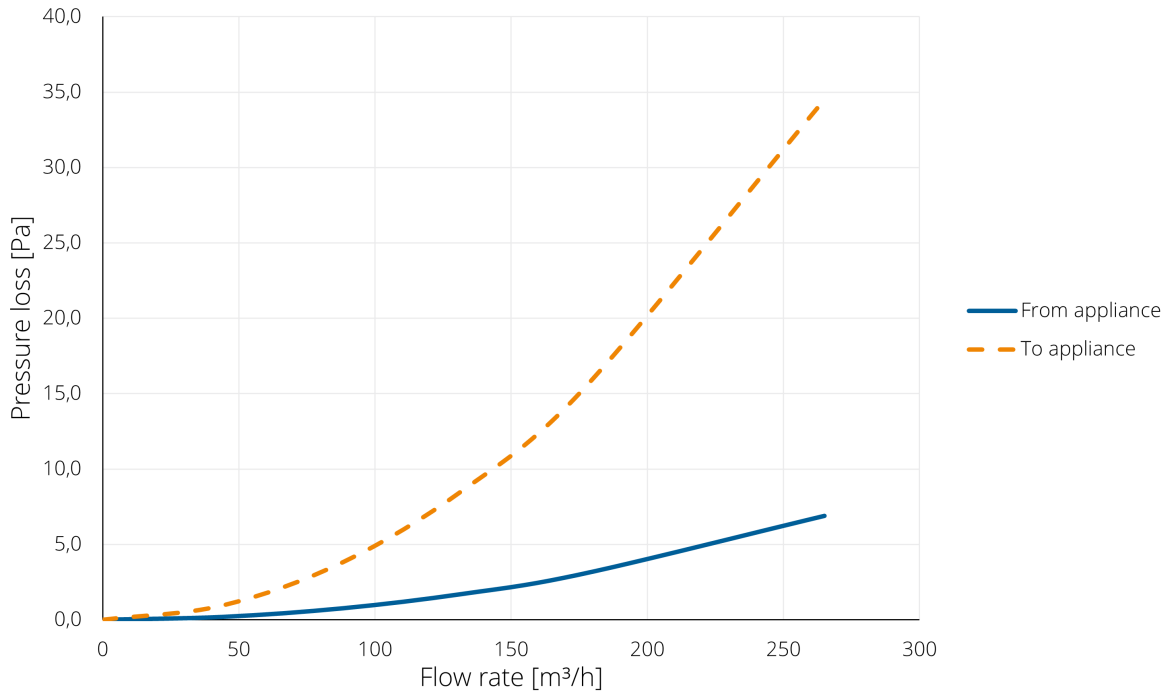
Plenum with 8 flexible duct 75 mm and insulated ducting 125 mm

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1	44	12	0,2	1,0
2	88	25	0,8	3,8
3	133	37	1,7	8,6
4	177	49	3,1	15,3
6	265	74	6,9	34,5

Plenum with 5 flexible duct 90 mm and insulated ducting 125 mm

Pressure loss



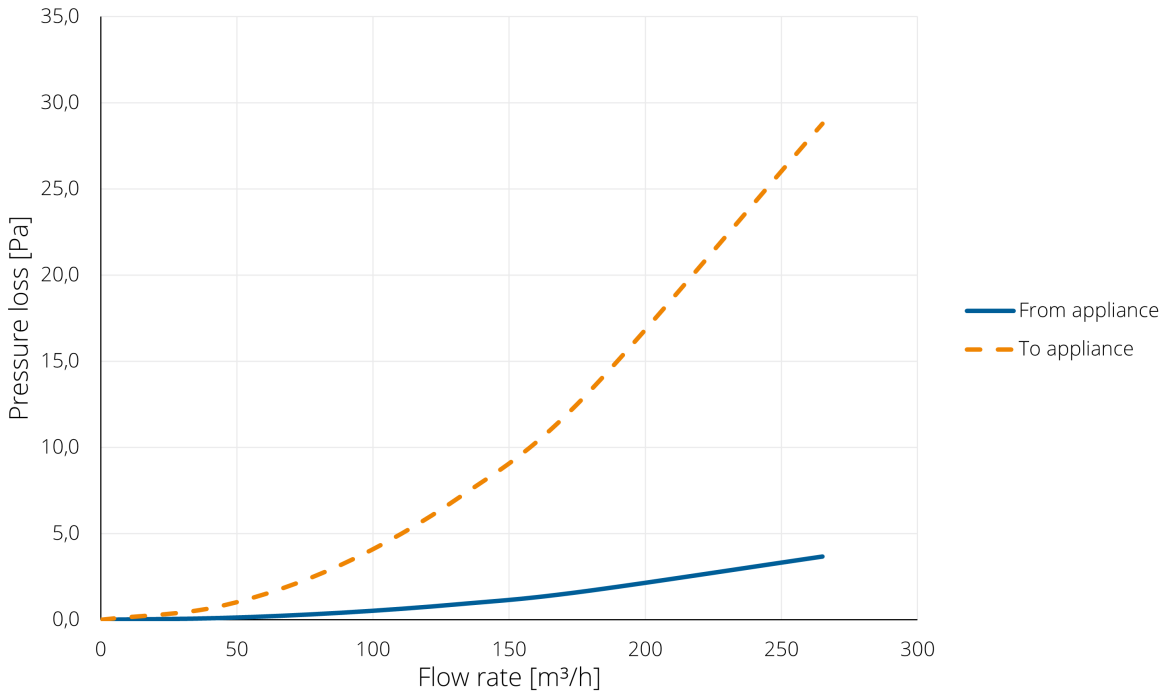
Plenum with 5 flexible duct 90 mm and insulated ducting 125 mm

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Plenum with 8 flexible duct 90 mm and insulated ducting 125 mm

Pressure loss



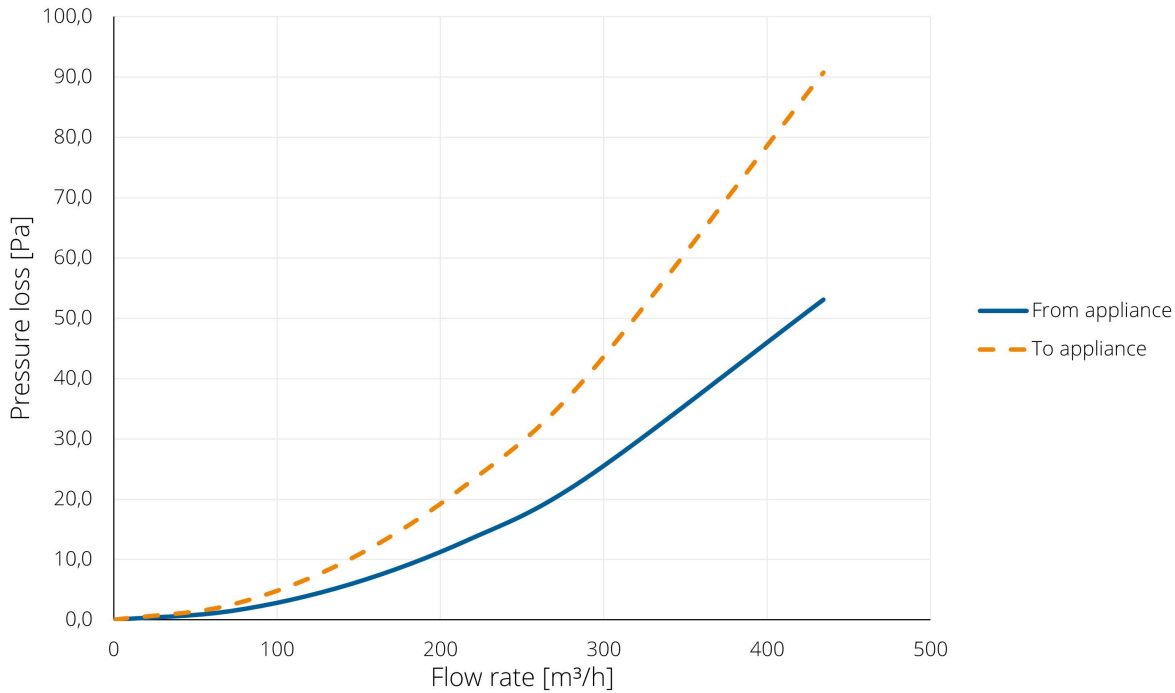
Plenum with 8 flexible duct 90 mm and insulated ducting 125 mm

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Plenum with 5 flexible duct 75 mm and insulated ducting 160 mm

Pressure loss



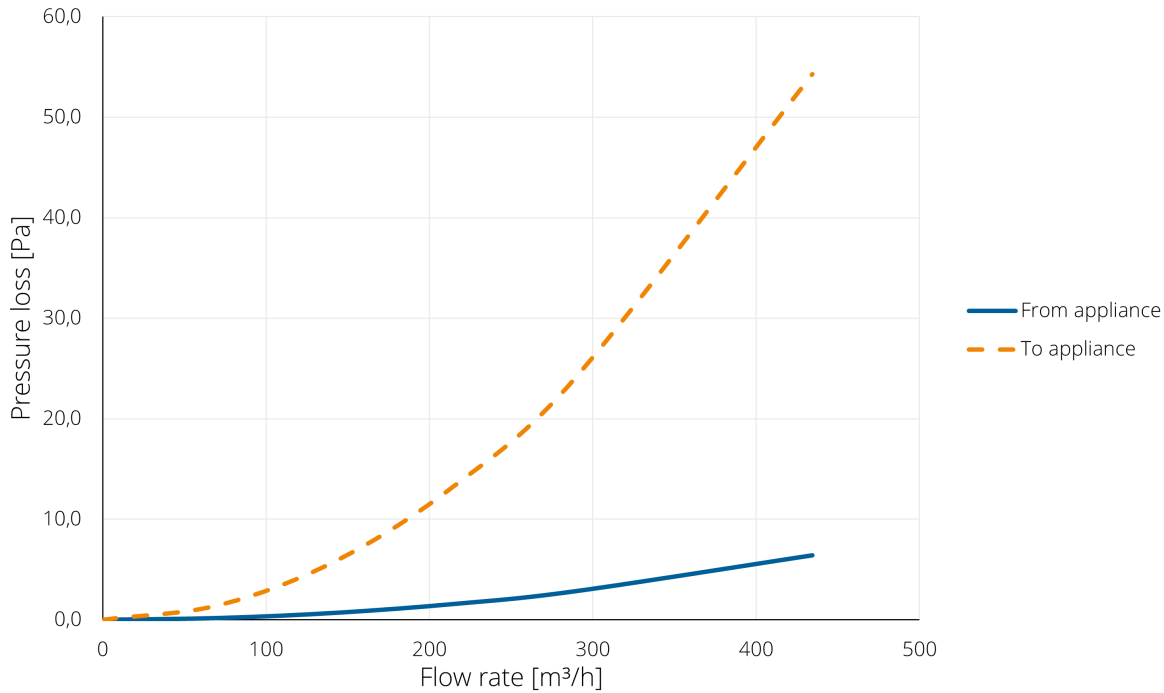
Plenum with 5 flexible duct 75 mm and insulated ducting 160 mm

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1	72	20	1,5	2,5
2	145	40	5,9	10,1
3	217	60	13,3	22,7
4	290	80	23,6	40,3
6	434	121	53,1	90,7

Plenum with 8 flexible duct 75 mm and insulated ducting 160 mm

Pressure loss



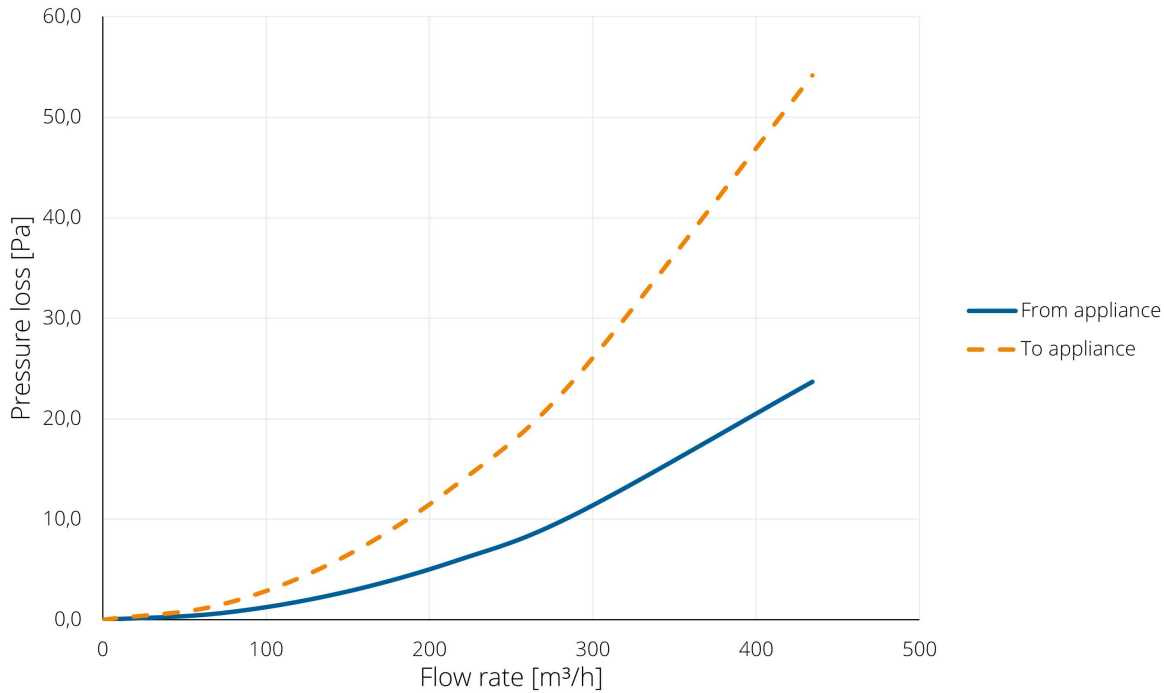
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Plenum with 5 flexible duct 90 mm and insulated ducting 160 mm

Pressure loss



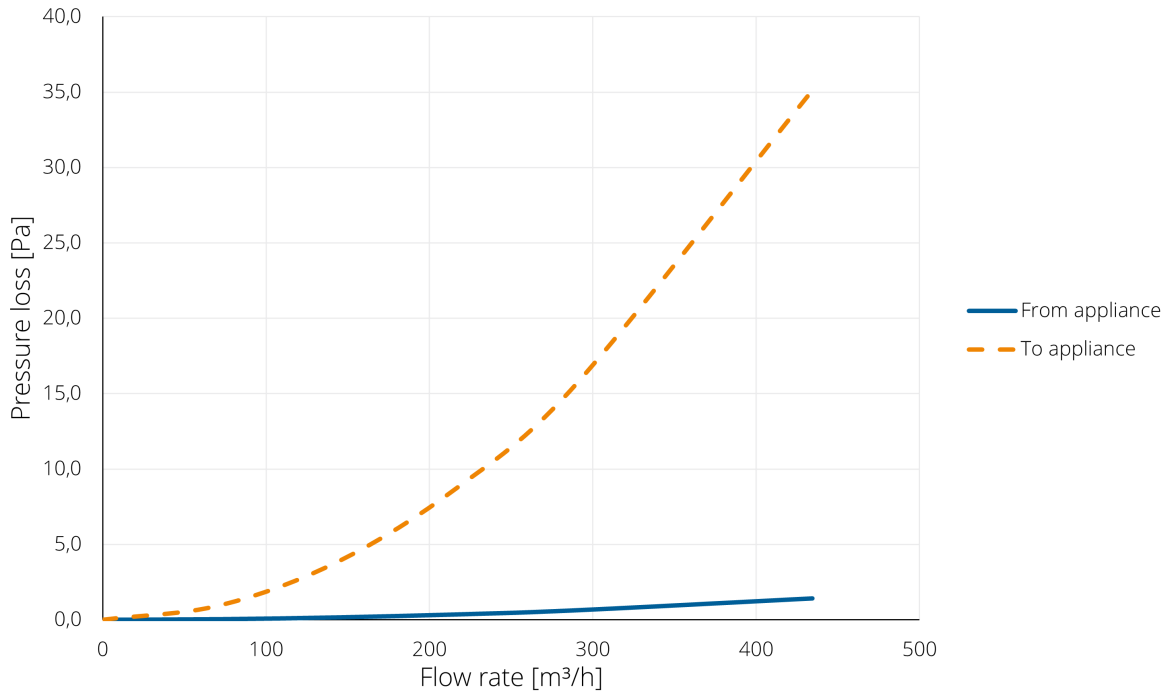
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Pressure loss



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