

Circular straight silencer with baffle

PVAP 100



Description

PVAP 100 is a circular straight silencer with baffle.

Fulfills tightness class C.

Insulation thickness 100 mm.

Attenuation material is mineral wool.

Material galvanized steel.

Special materials and sizes, please contact to Lindab sales.

Tested according to ISO 7235 standard.

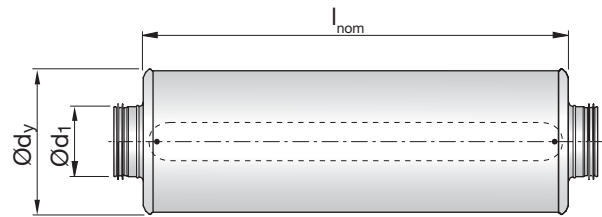
Flanges on request.

Order code

Product	PVAP	aaa	bbbb	100
PVAP				
Connection dim. $\varnothing d_1$ nom				
250 - 1250 mm				
Length in mm (l_{nom})				
600 - 2500 mm				
Nominal Insulation thickness				
100 mm				

Example: PVAP - 315 - 900 - 100

Dimensions and sound data



$\varnothing d_{1\text{nom}}$ mm	l_{nom} mm	Attenuation [dB] for centre frequency [Hz]								$\varnothing d_y$ mm	m kg
		63	125	250	500	1k	2k	4k	8k		
250	600	3	6	12	25	32	36	28	18	455	12
250	900	3	8	16	33	44	50	36	23	455	16
250	1200	4	10	20	39	49	53	44	26	455	20
315	600	2	5	11	22	31	35	26	18	520	17
315	900	3	7	15	29	40	44	34	23	520	23
315	1200	3	8	19	36	46	50	39	26	520	29
400	600	2	4	11	21	28	31	23	15	605	21
400	900	3	6	16	30	37	40	30	19	605	28
400	1200	3	7	19	35	37	40	33	22	605	36
400	1500	3	9	22	43	44	44	39	25	605	44
500	600	1	3	8	18	25	26	20	10	705	25
500	900	2	5	14	27	33	35	24	14	705	34
500	1200	3	6	17	31	37	41	28	17	705	44
500	1500	3	7	20	35	39	43	31	20	705	54
630	600	1	3	8	17	20	17	15	8	835	33
630	900	2	4	12	20	30	24	19	9	835	44
630	1200	2	5	14	23	37	30	21	12	835	56
630	1500	2	6	17	26	42	35	22	13	835	68
710	710	2	3	8	18	20	18	14	8	915	44
710	1000	3	5	11	21	27	23	17	11	915	61
710	1200	3	5	12	13	31	26	18	12	915	69
710	1420	3	6	14	24	35	28	19	14	915	77
710	1500	4	6	14	24	35	29	19	14	915	81
710	2000	6	8	18	28	43	35	22	18	915	104
800	800	2	5	11	15	21	17	13	11	1005	52
800	1000	3	6	13	20	26	20	15	12	1005	63
800	1200	3	7	15	25	31	22	17	13	1005	74
800	1500	4	8	19	31	37	27	19	15	1005	85
800	1600	4	8	19	32	39	28	20	15	1005	95
800	2000	5	10	25	44	52	36	25	18	1005	108
900	900	2	4	10	20	21	17	13	13	1105	63
900	1000	2	4	11	22	23	18	13	13	1105	67
900	1200	3	5	13	25	25	19	14	13	1105	80
900	1500	3	6	16	31	30	21	16	14	1105	89
900	1800	3	7	19	36	34	23	17	14	1105	114
900	2000	4	8	21	40	37	25	18	15	1105	126
1000	1000	2	4	11	23	20	14	12	12	1205	77
1000	1200	2	5	13	26	23	16	13	13	1205	90
1000	1500	3	6	16	31	27	18	15	15	1205	109
1000	2000	3	7	20	38	34	22	17	17	1205	140
1120	1000	2	4	10	21	17	14	12	11	1325	91
1120	1120	2	4	11	22	18	15	12	11	1325	99
1120	1200	2	4	12	23	19	16	12	11	1325	105
1120	1500	3	5	14	27	23	18	13	13	1325	125
1120	2000	3	7	18	33	30	21	14	14	1325	160
1120	2240	3	8	20	36	33	22	15	15	1325	177
1250	1000	2	3	10	18	14	13	10	10	1455	85
1250	1250	2	4	12	21	17	14	11	10	1455	141
1250	1500	3	5	14	24	20	16	12	11	1455	197
1250	2000	3	7	18	30	25	18	13	11	1455	225
1250	2500	3	8	22	36	30	21	14	12	1455	253

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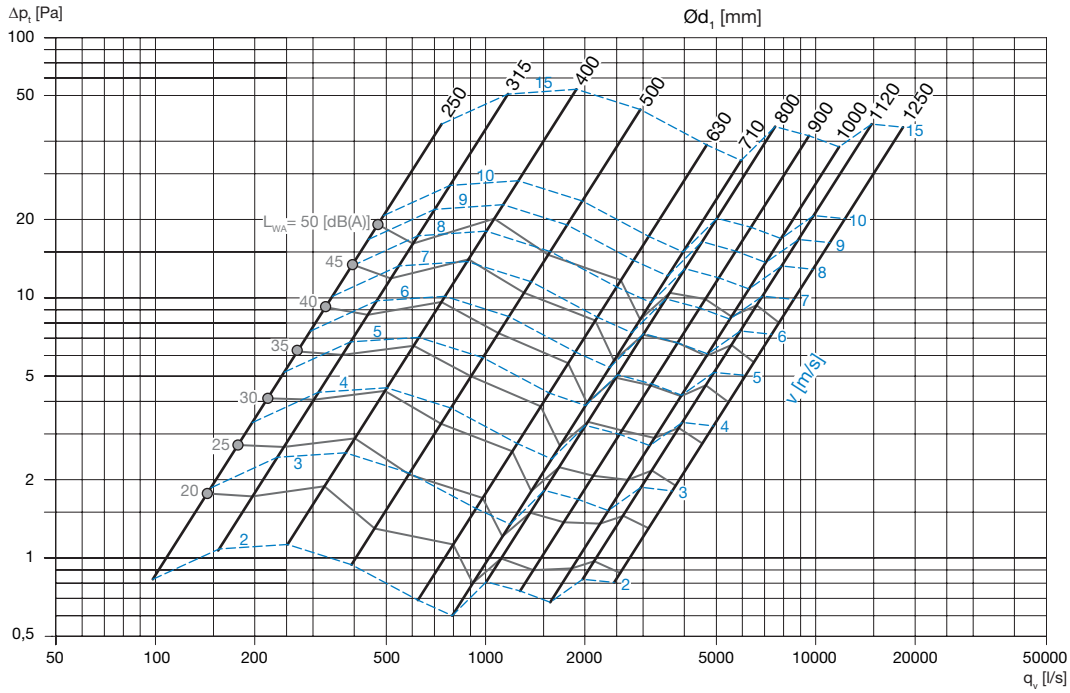
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Technical data

Pressure loss Δp_t [Pa]

PVAP 100, Insulation thickness 100 mm, short models

$\varnothing d_1$:250-630 mm L = 600 mm
 $\varnothing d_1$:710 - 1000 mm L = 1 x $\varnothing d_1$
 $\varnothing d_1$:1120 - 1250 mm L = 1000 mm



PVAP 100, Insulation thickness 100 mm, (Long models)

$\varnothing d_1$:250 - 315 mm L = 1200 mm
 $\varnothing d_1$:400 - 630 mm L = 1500 mm
 $\varnothing d_1$:710 - 1000 mm L = 2000 mm
 $\varnothing d_1$:1120 mm L = 2240 mm
 $\varnothing d_1$:1250 mm L = 2500 mm

