

ARIASILENT POINT

Grids holder and valve holder



AriaSilent Point and AriaSilent Point V

AriaSilent Points are necessary for connecting the air distribution system to the grilles or positioned inside the individual rooms.

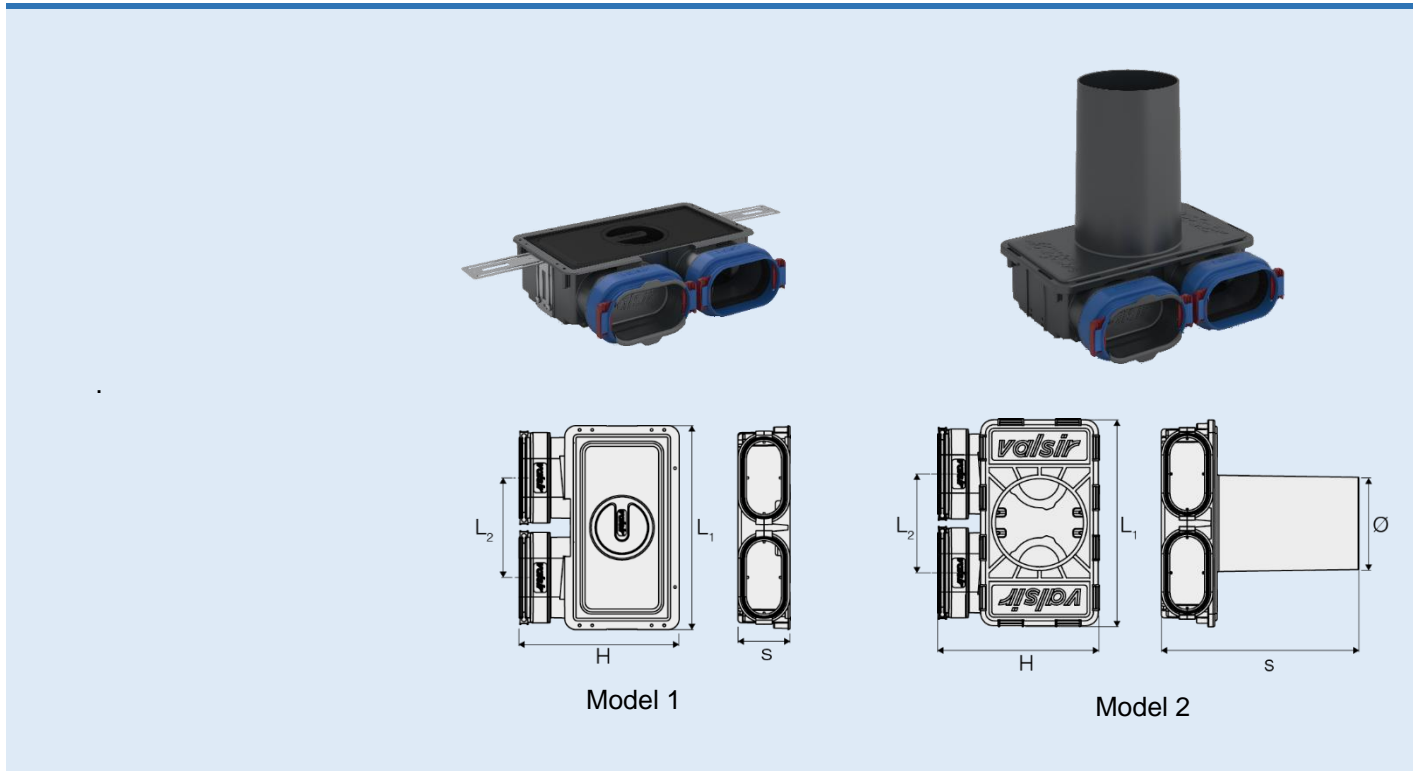
The range consists of models:

- AriaSilent Point 100 equipped with 6 connections to be combined with AriaSilent Link fittings in different sizes and can be combined with both standard and flush-to-floor or wall-mounted grids
- AriaSilent Point 100 V equipped with 6 connections to be combined with AriaSilent Link fittings in different sizes and can be combined with round valves with a diameter of 125 mm
- AriaSilent Point 70 Compact equipped with 2 connections (1 of which with a cap if not used) to be used with the AriaSilent Tube 50 compact corrugated pipe and can be combined with both standard grids and flush-to-floor or wall installation
- AriaSilent Point 70 Compact equipped with 2 connections (1 of which with a cap if not used) to be used with the AriaSilent Tube 50 compact corrugated pipe and can be combined with round valves with a diameter of 125 mm
- AriaSilent Point 200 equipped with 2 connections diameter 125 (to be opened if necessary) and can be combined with both standard and flush-to-wall grilles
- AriaSilent Point 200 V equipped with 2 connections diameter 125 (to be opened if necessary) and can be combined with round valves diameter 125 mm

Table: Characteristics of Grid holder and AriaSilent Point valve holder

Characteristics	
Product material	PP + antibacterial and antistatic master
Sealing gaskets material	SBR
Product standard	UNI EN 17192:2019
Application	Air supply
Color of the box	Grey RAL 7011
Stock temperature	Min -10° C Max +60° C
Using temperature	Min -5° C Max +60° C

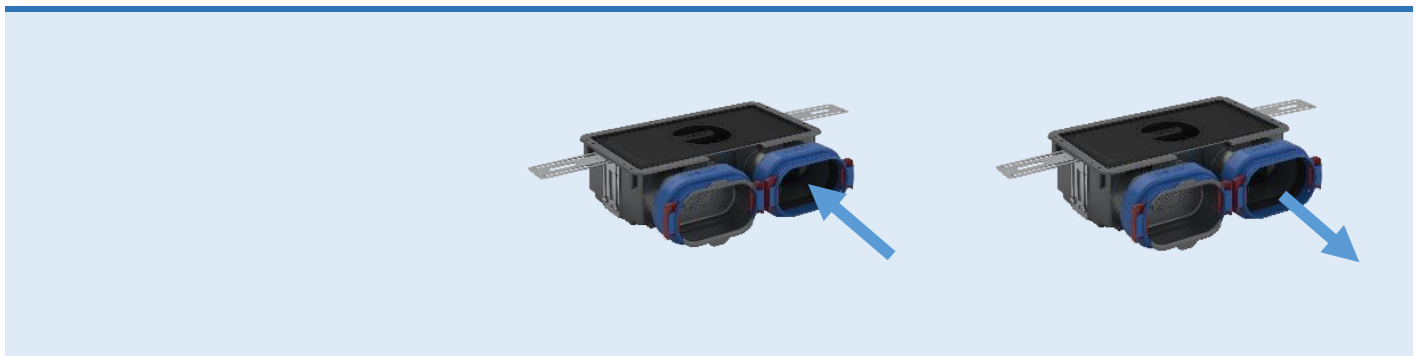
Table: AriaSilent Point 70 Compact and 70 Compact V dimensions



Model	Ø	L ₁	L ₂	H	s
1	-	275	135	216	70
2	125	283	135	220	268

To be combined with 1 or 2 AriaSilent Tube 50 Compact channels

Table: Pressure drops AriaSilent Point 70 Compact (1 connection)



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
10	<0,4	<0,4
20	0,42	<0,4
30	0,61	<0,4
40	0,82	<0,4
50	1,06	<0,4
60	1,39	<0,4

Graph: Pressure drops AriaSilent Point 70 Compact (1 connection)

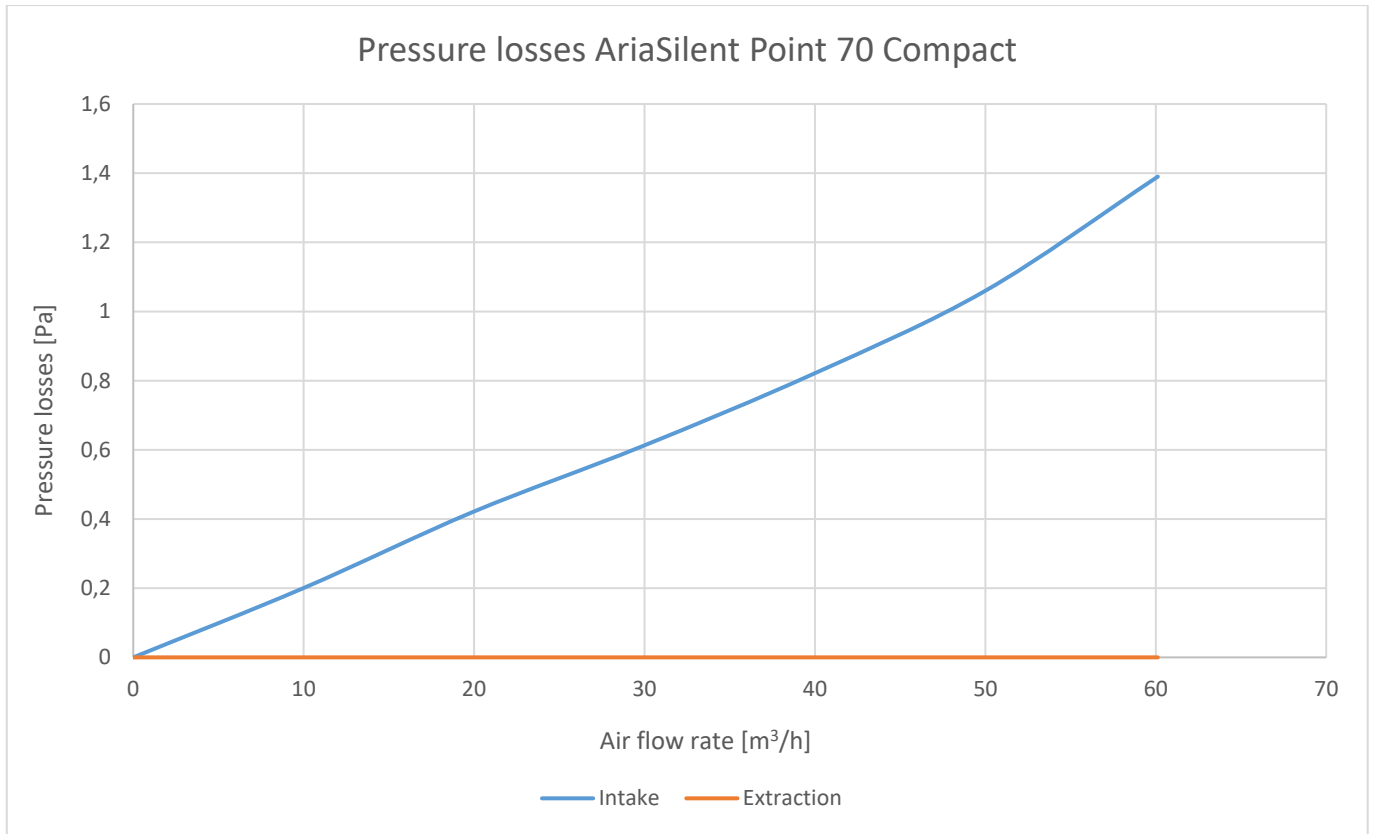
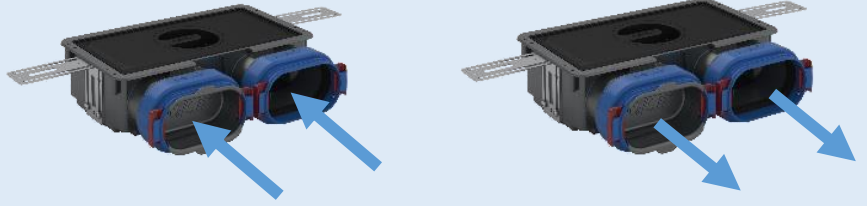


Table: Pressure losses AriaSilent Point 70 Compact (2 connections)



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
30	<0,4	<0,4
40	<0,4	<0,4
50	<0,4	<0,4
60	<0,4	<0,4
70	0,45	<0,4
80	0,58	<0,4
90	0,75	<0,4
100	0,99	<0,4

Graph: Pressure losses AriaSilent Point 70 Compact (2 connections)

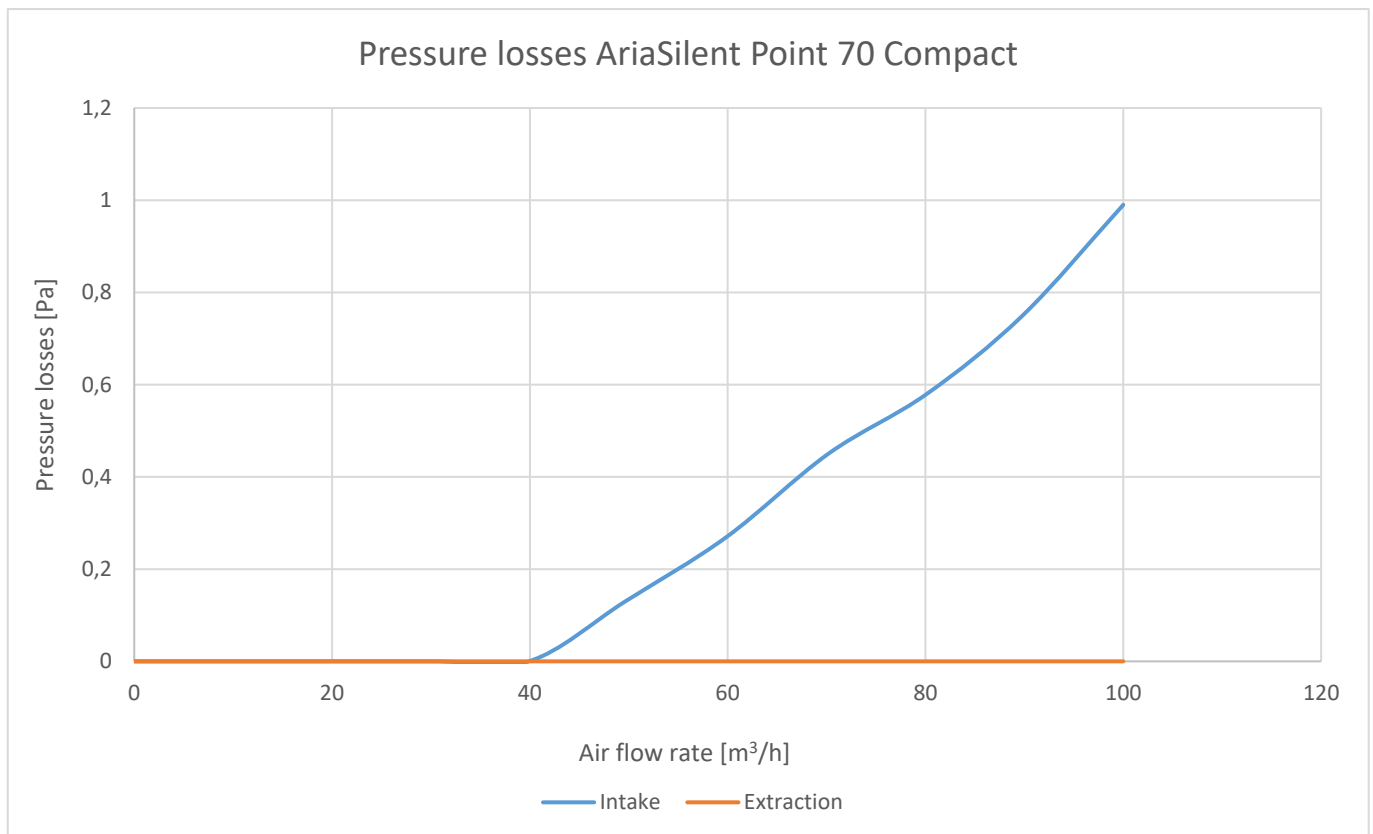


Table: Pressure losses AriaSilent Point 70 Compact V (1connection)



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
10	0,29	0,24
20	0,59	0,51
30	0,87	1,17
40	1,33	2,22
50	2,03	3,63
60	3,28	5,64

Graph: Pressure losses AriaSilent Point 70 Compact V (1 connection)

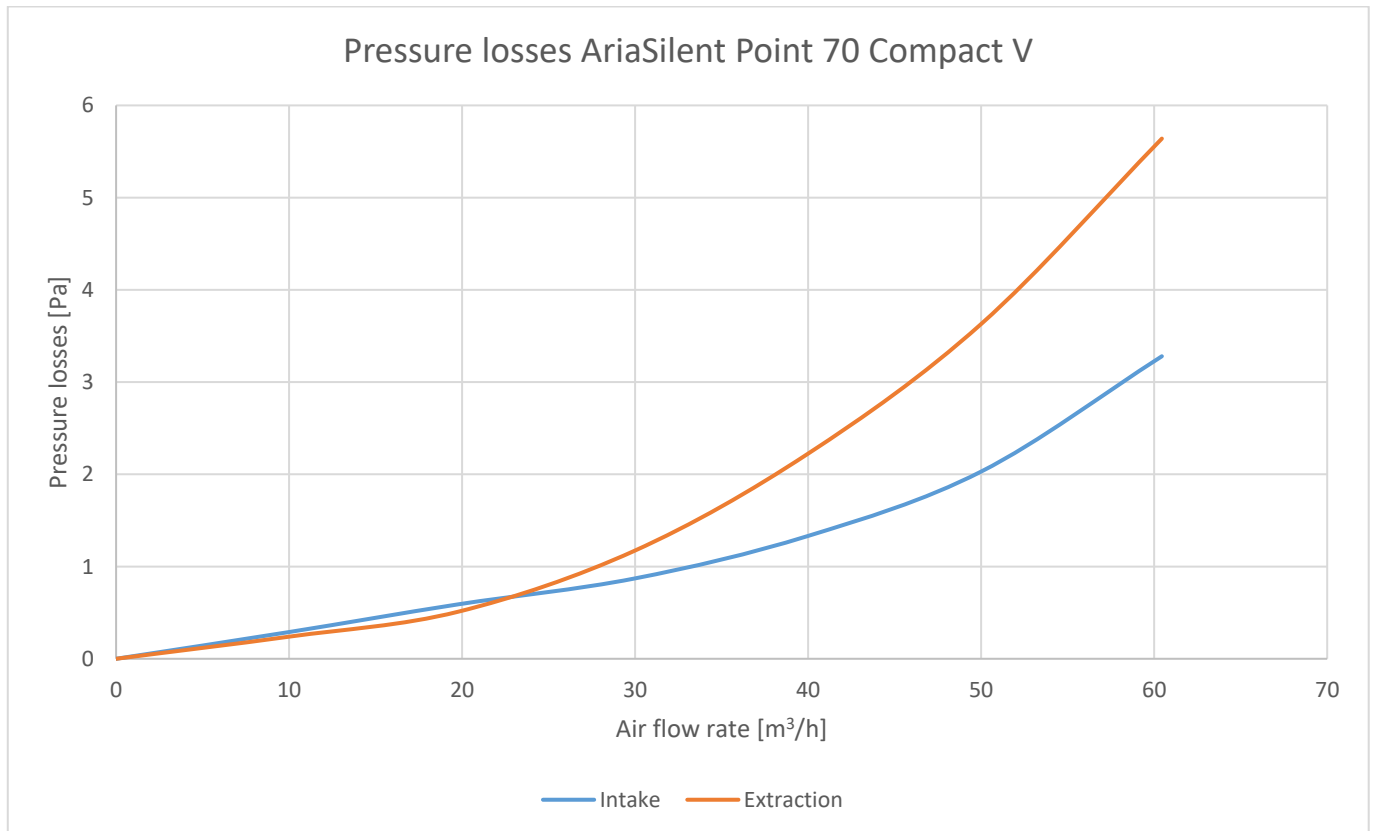
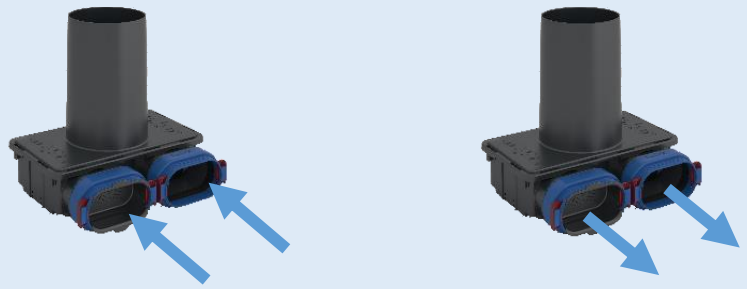


Table: Pressure losses AriaSilent Point 70 Compact V (2 connections)



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
30	0,51	0,77
40	0,73	1,33
50	1,02	2,05
60	1,43	3,01
70	1,98	4,12
80	2,68	5,51
90	3,53	7,15
99	4,62	9,09

Graph: Pressure losses AriaSilent Point 70 Compact V (2 connections)

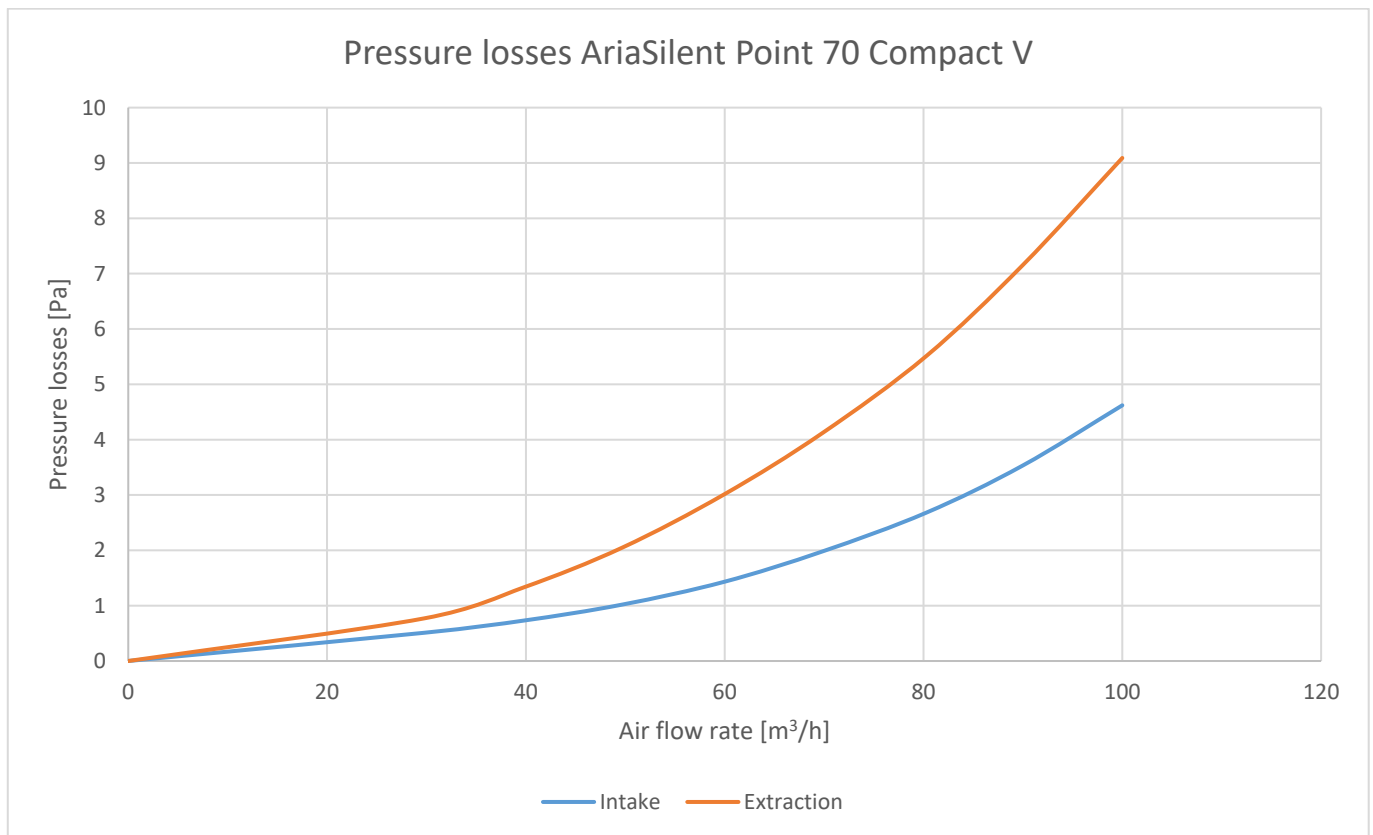
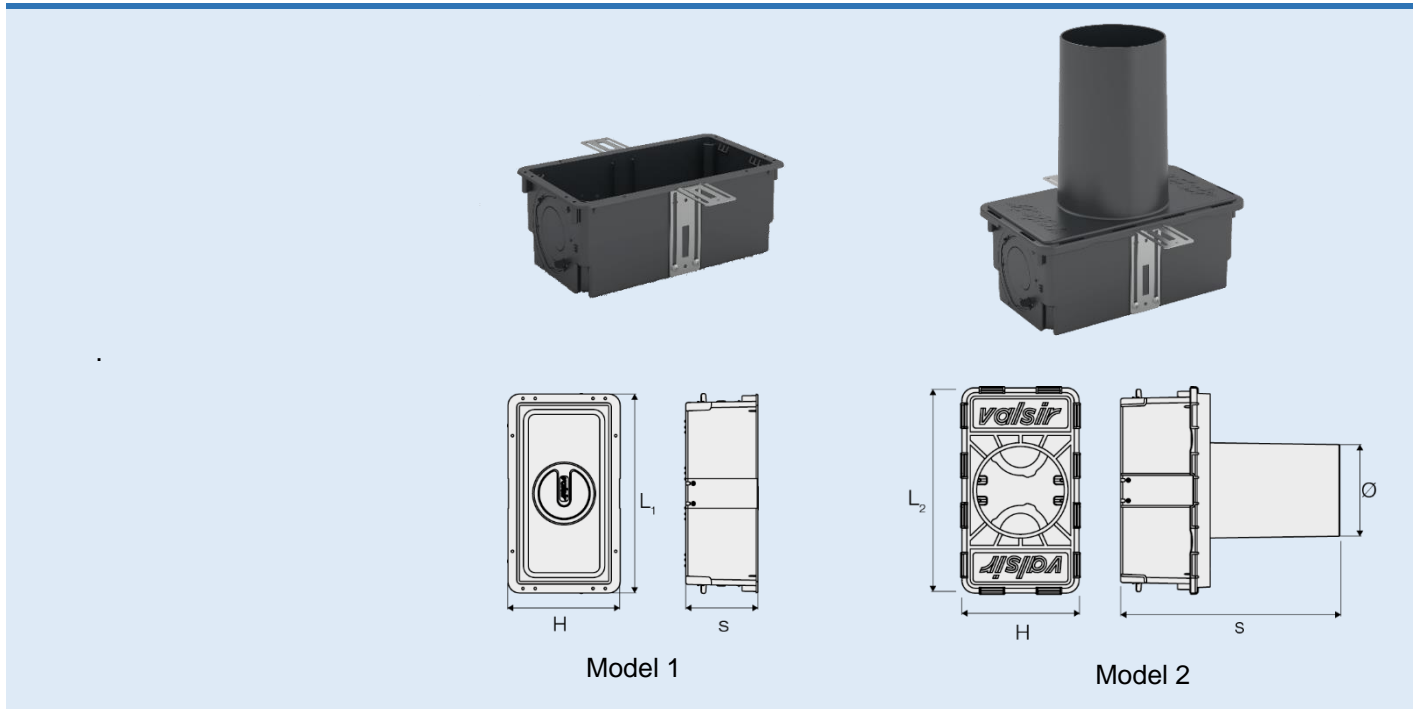
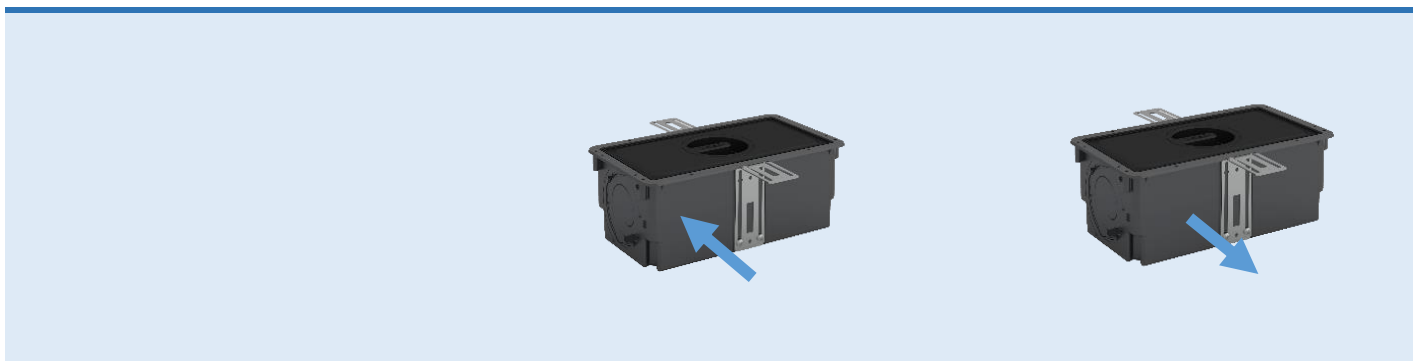


Table: Dimensions AriaSilent Point 100 and 100V



Model	Ø	L ₁	L ₂	H	s
1	-	275	135	216	70
2	125	283	135	220	268

Table: Pressure losses AriaSilent Point 100 (1 connection)



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
10	<0,4	<0,4
20	<0,4	0,48
30	<0,4	0,61
40	<0,4	0,74
49	<0,4	0,92
60	0,43	1,21

Graph: Pressure losses AriaSilent Point 100 (1 connection)

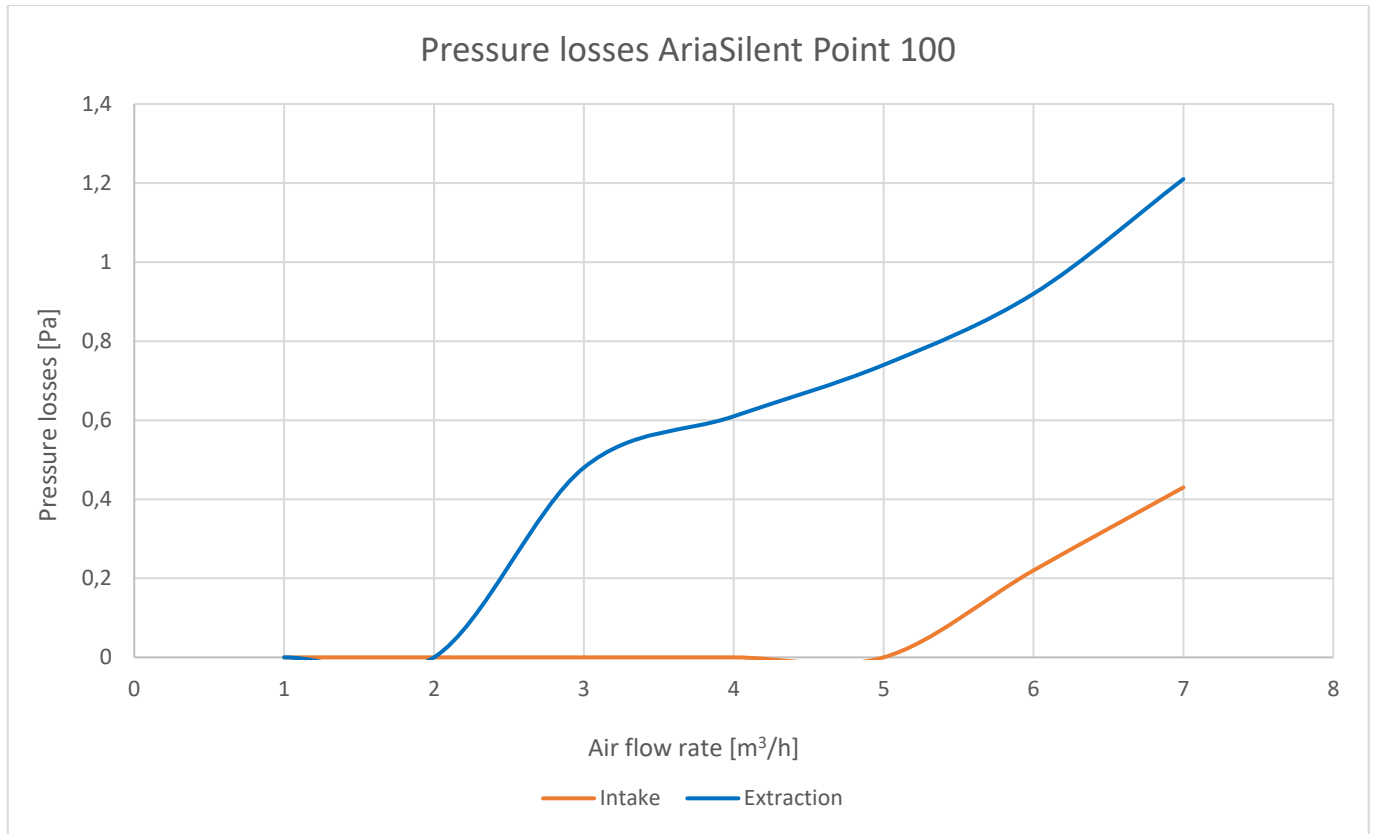
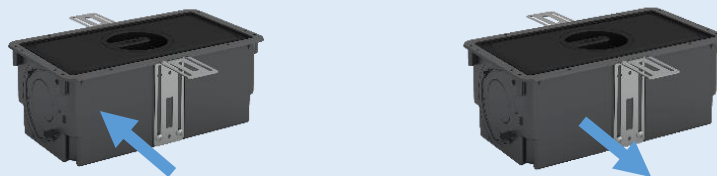


Table: Pressure losses AriaSilent Point 100 (2 connections)



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
30	<0,4	<0,4
40	<0,4	<0,4
50	<0,4	<0,4
60	<0,4	0,45
70	<0,4	0,56
80	<0,4	0,69
90	0,54	0,85
100	0,73	1,05
110	1,00	1,29
120	1,33	1,58

Graph: Pressure losses AriaSilent Point 100 (2 connections)

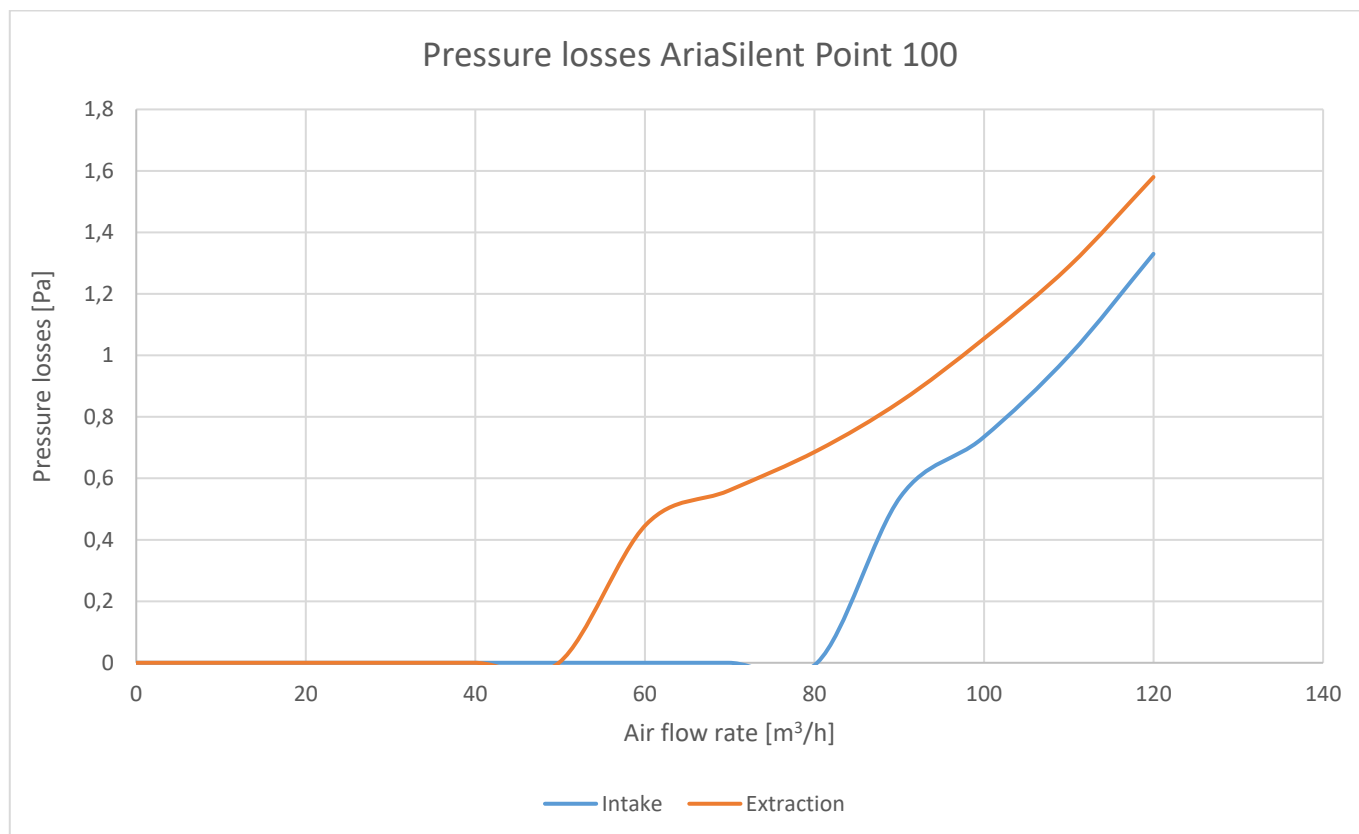
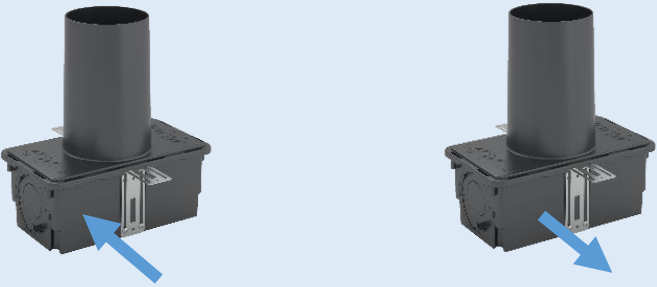


Table: Pressure losses AriaSilent Point 100V (1 connection)



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
10	<0,4	<0,4
20	<0,4	0,49
30	0,69	0,95
40	1,21	1,57
50	1,82	2,37
60	2,59	3,33

Graph: Pressure losses AriaSilent Point 100V (1 connection)

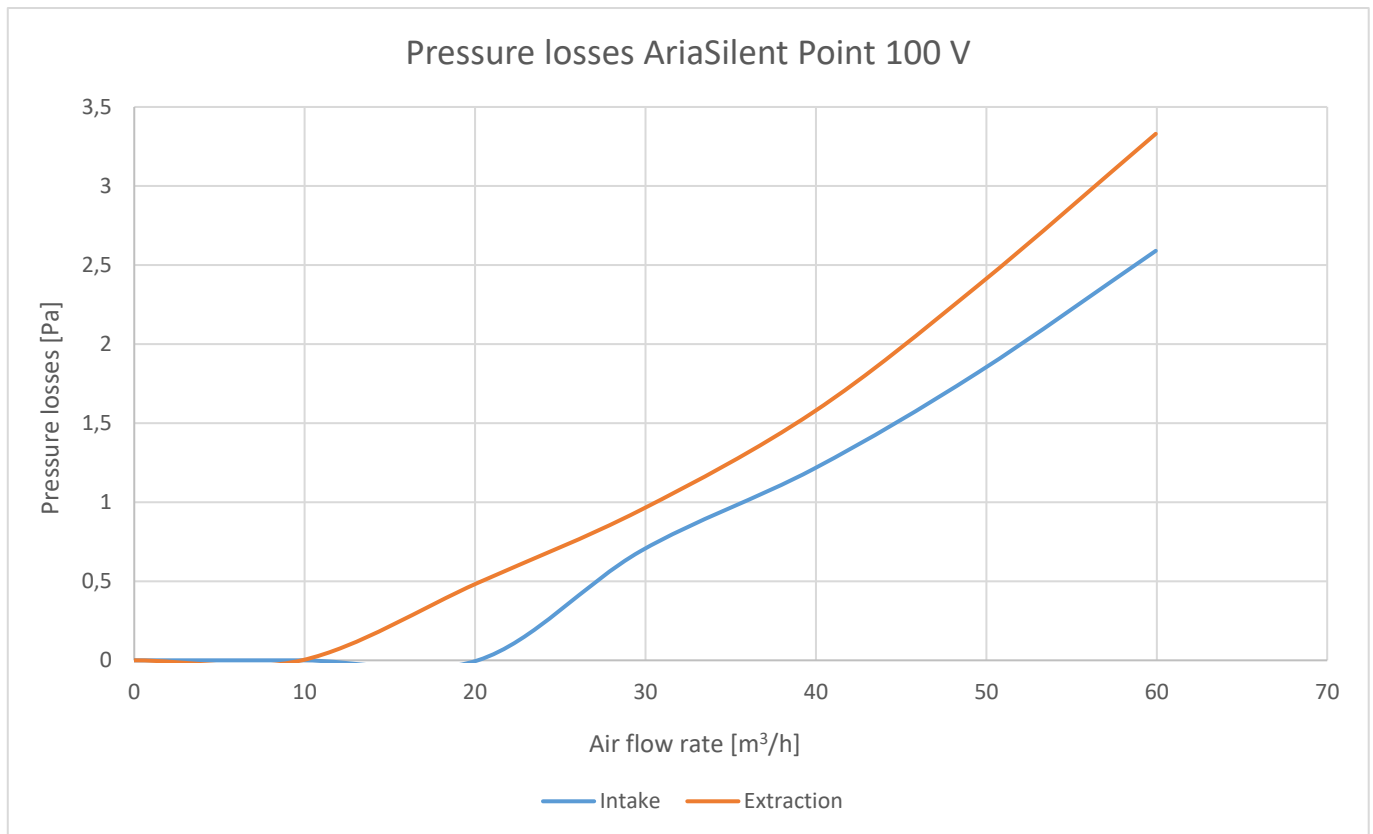



Table: Pressure losses AriaSilent Point 100V (2 connections)



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
30	0,57	1,99
40	0,96	3,11
50	1,44	4,47
60	2,08	6,06
70	2,79	7,8
80	3,7	9,82
90	4,67	12,08
100	5,78	14,51
110	7,11	17,25
120	8,59	20,07

Graph: Pressure losses AriaSilent Point 100V (2 connectors)

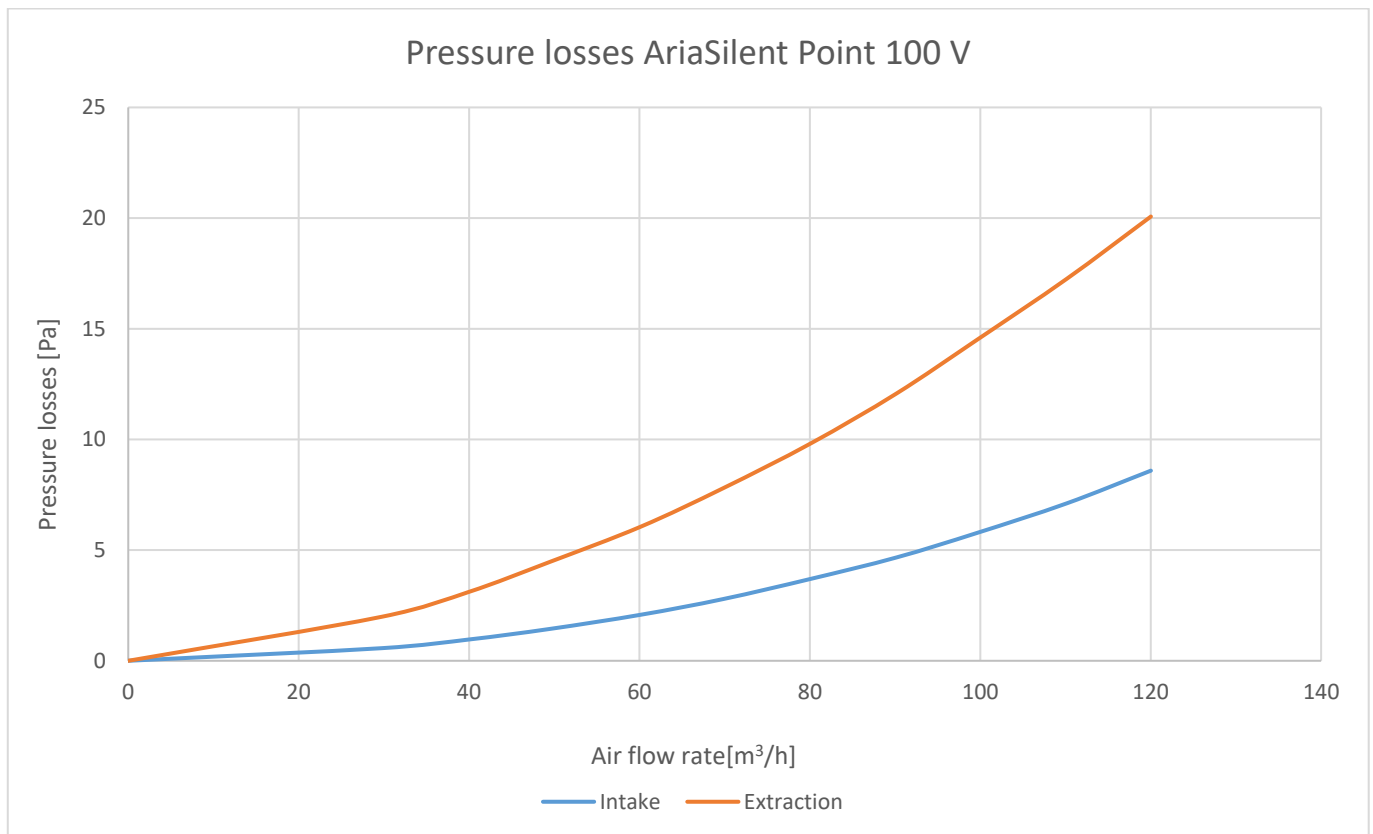
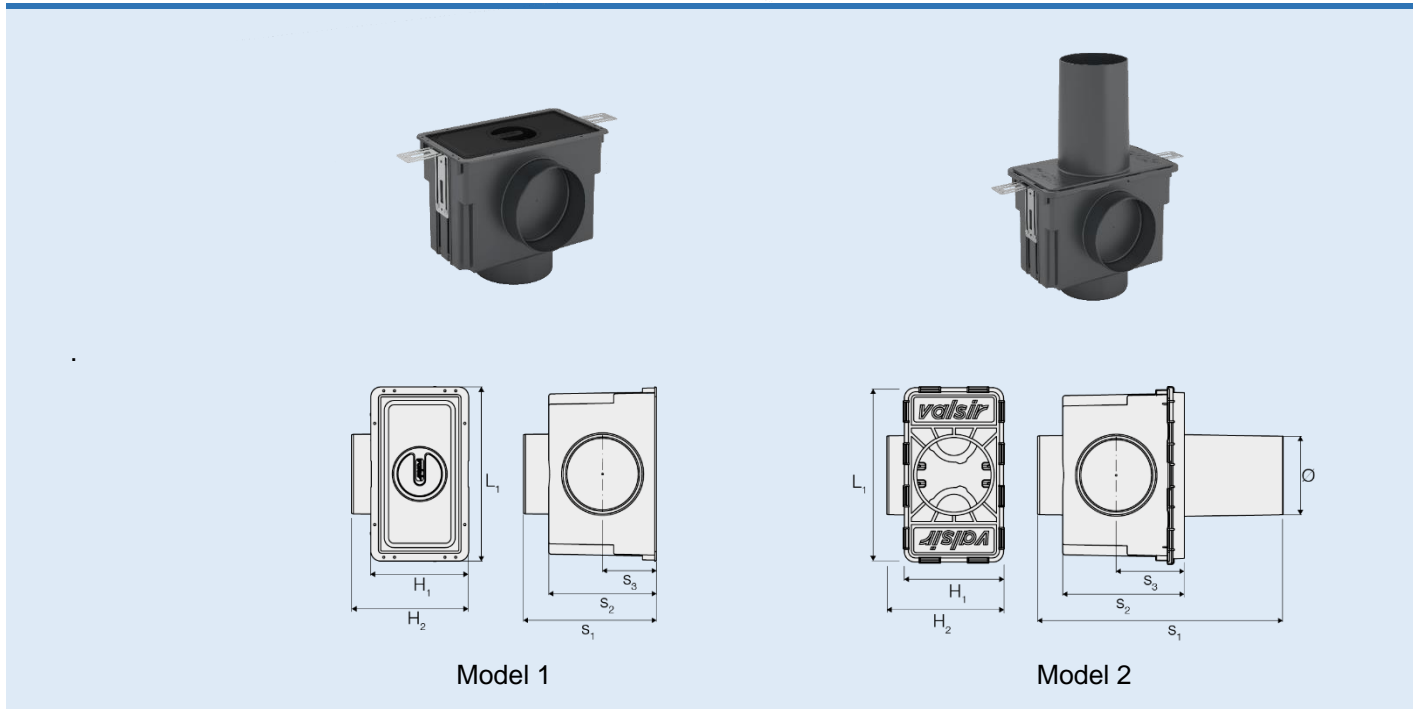
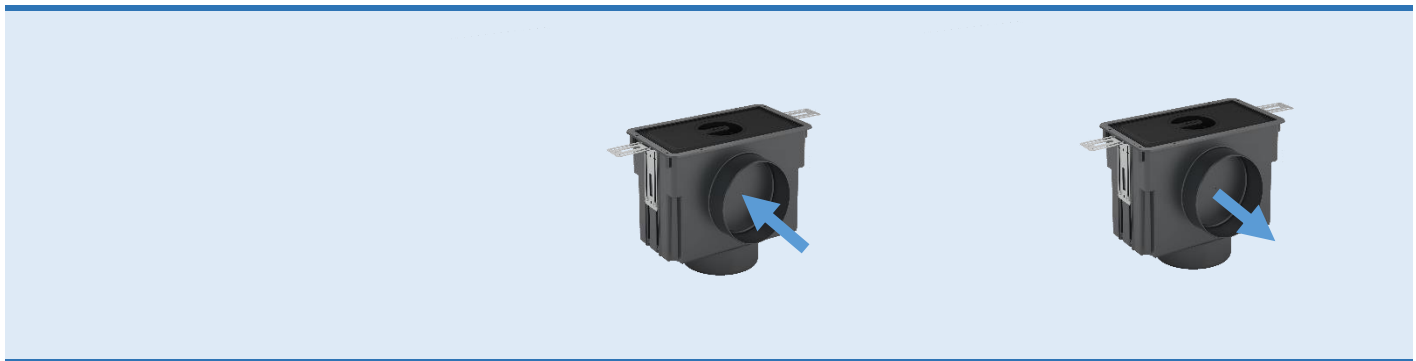


Table: Dimensions AriaSilent Point 200 and 200V



Model	Ø	L ₁	H ₁	H ₂	S ₁	S ₂	S ₃
1	-	275	155	185	210	170	85
2	125	283	163	189	410	193	108

Table: Pressure losses AriaSilent Point 200



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
50	<0,4	0,86
75	0,75	1,61
100	1,56	2,7
125	2,61	4,22
150	3,84	6,3
175	5,34	9,05
200	7,01	12,49

Graph: Pressure losses AriaSilent Point 200

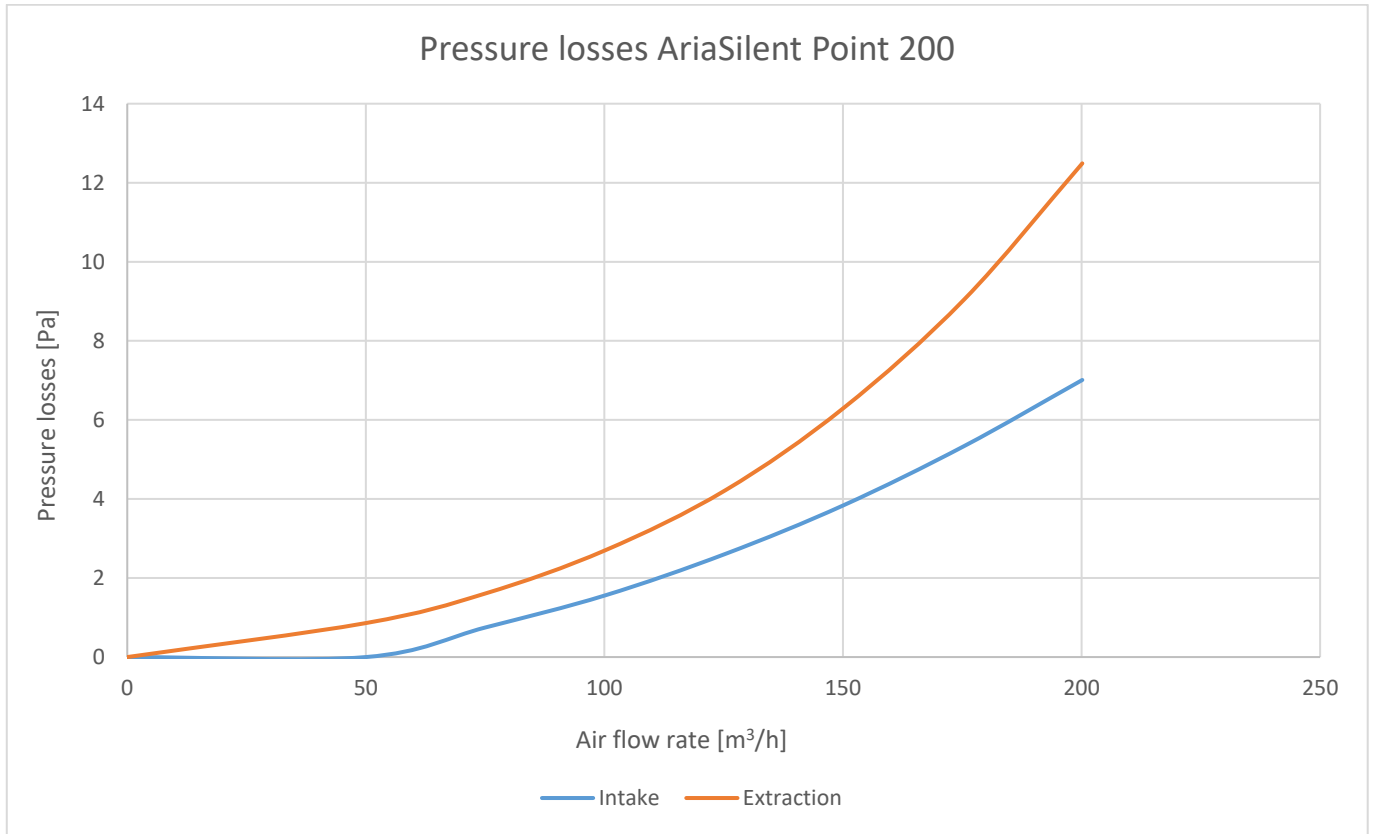
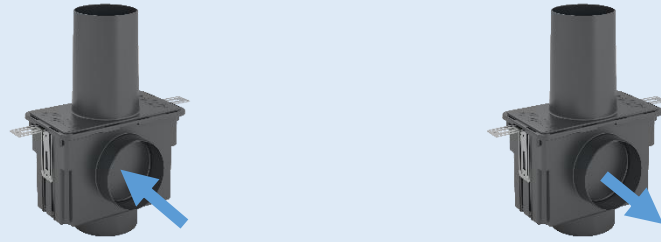


Table: Pressure losses AriaSilent Point 200V



Air flow rate [m ³ /h]	Intake – Pressure losses [Pa]	Extraction - Pressure losses [Pa]
0	0	0
50	1,4	2,79
75	3,39	6,57
100	6,24	11,95
126	9,92	18,71
150	14,2	26,93
175	19,45	36,6
200	25,43	47,33

Graph: Pressure losses AriaSilent Point 200V

