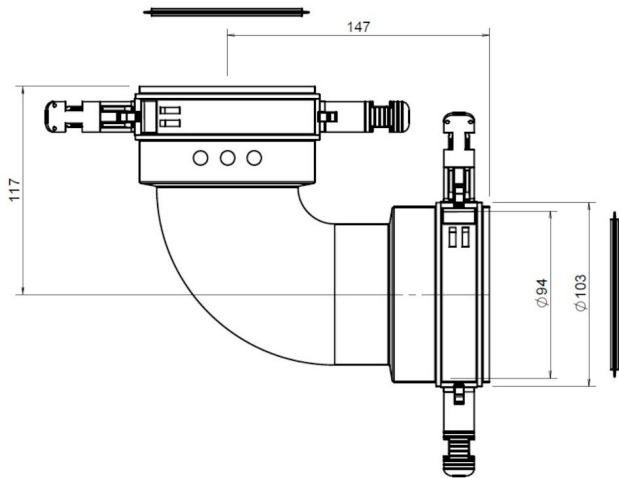


General information

Hybalans+ Elbow 92 90°



Specifications

Article number	400470435
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	0,18

Dimensions

Dimensions (l x w x h mm)	198,5 x 103 x 168,5
Connection diameter flexible (mm)	92

Application Insights

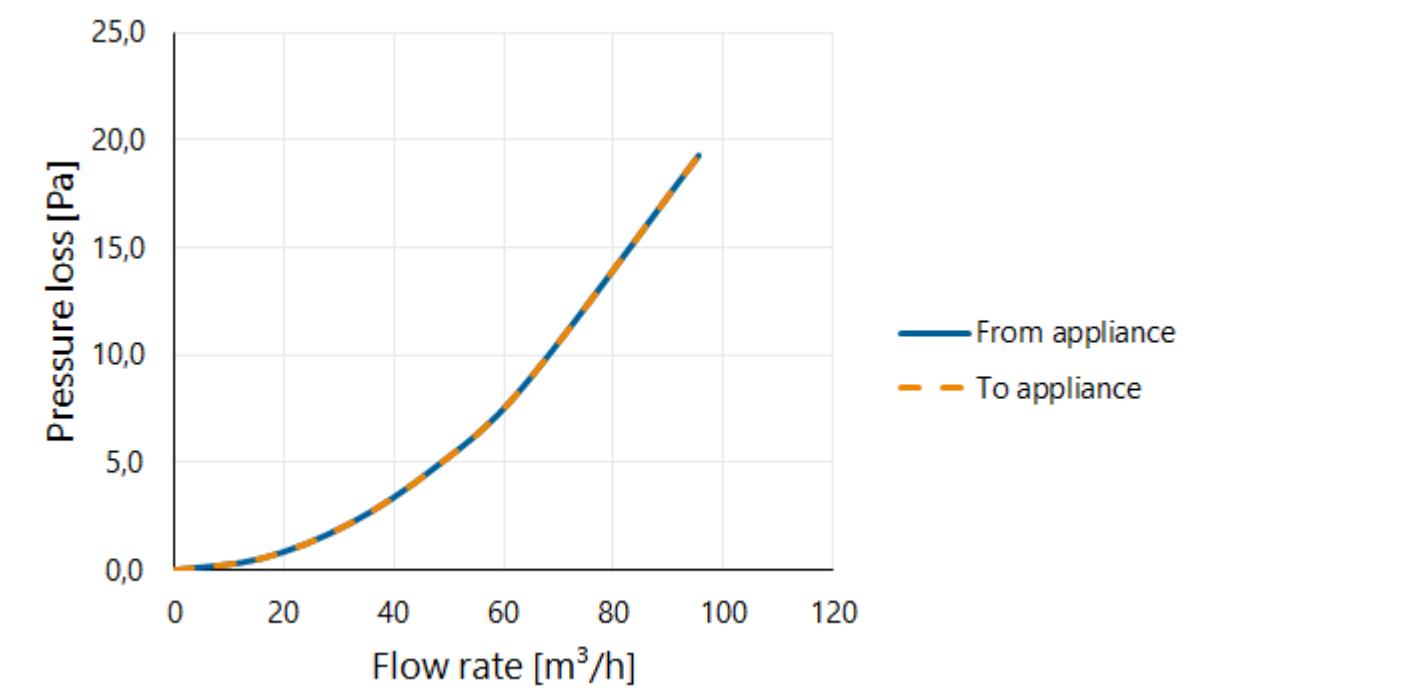
Intended use	Air
Supply / Extract	Supply/Extract
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	50
ζ extract	0,90
ζ supply	0,90
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Graph

Pressure loss



Table

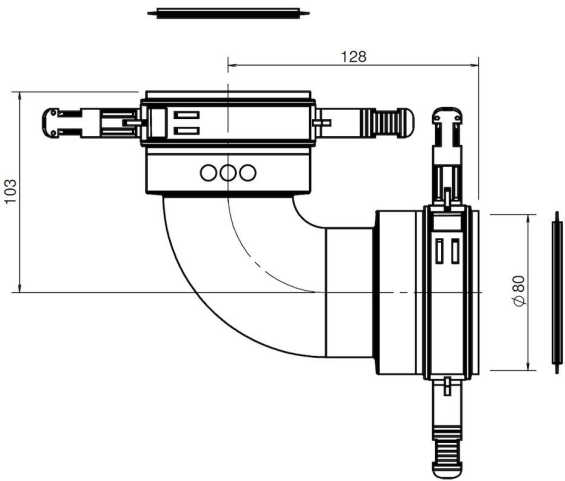
Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	16	4	0,5	0,5
2	32	9	2,1	2,1
3	48	13	4,8	4,8
4	64	18	8,6	8,6
6	95	27	19,3	19,3

Version MG-DS-400470435-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Elbow 75 90°



Specifications

Article number	400470451
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	0,23

Dimensions

Dimensions (l x w x h mm)	168 x 80 x 143
Connection diameter flexible (mm)	75

Application Insights

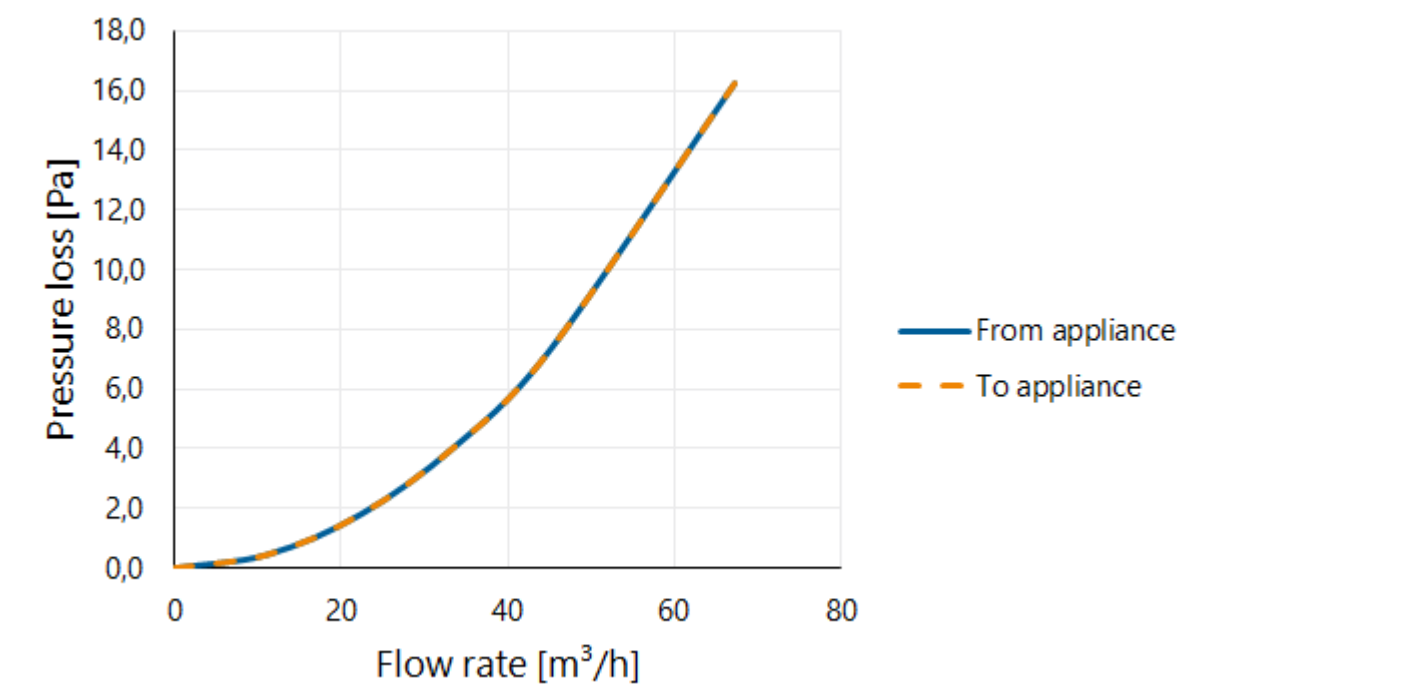
Intended use	Air
Supply / Extract	Supply/Extract
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	40
ζ extract	0,80
ζ supply	0,80
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Graph

Pressure loss



Table

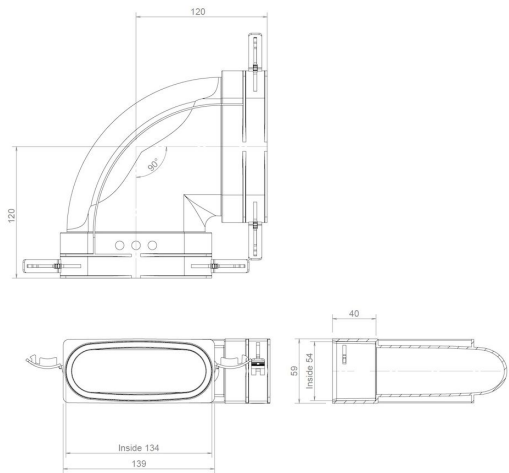
Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	11	3	0,5	0,5
2	22	6	1,8	1,8
3	34	9	4,1	4,1
4	45	12	7,2	7,2
6	67	19	16,2	16,2

Version MG-DS-400470451-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Elbow 132x52 90° horizontal



Specifications

Article number	400480438
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	0,17

Dimensions

Dimensions (l x w x h mm)	189,5 x 189,5 x 59
Connection diameter flexible (mm)	132x52

Application Insights

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

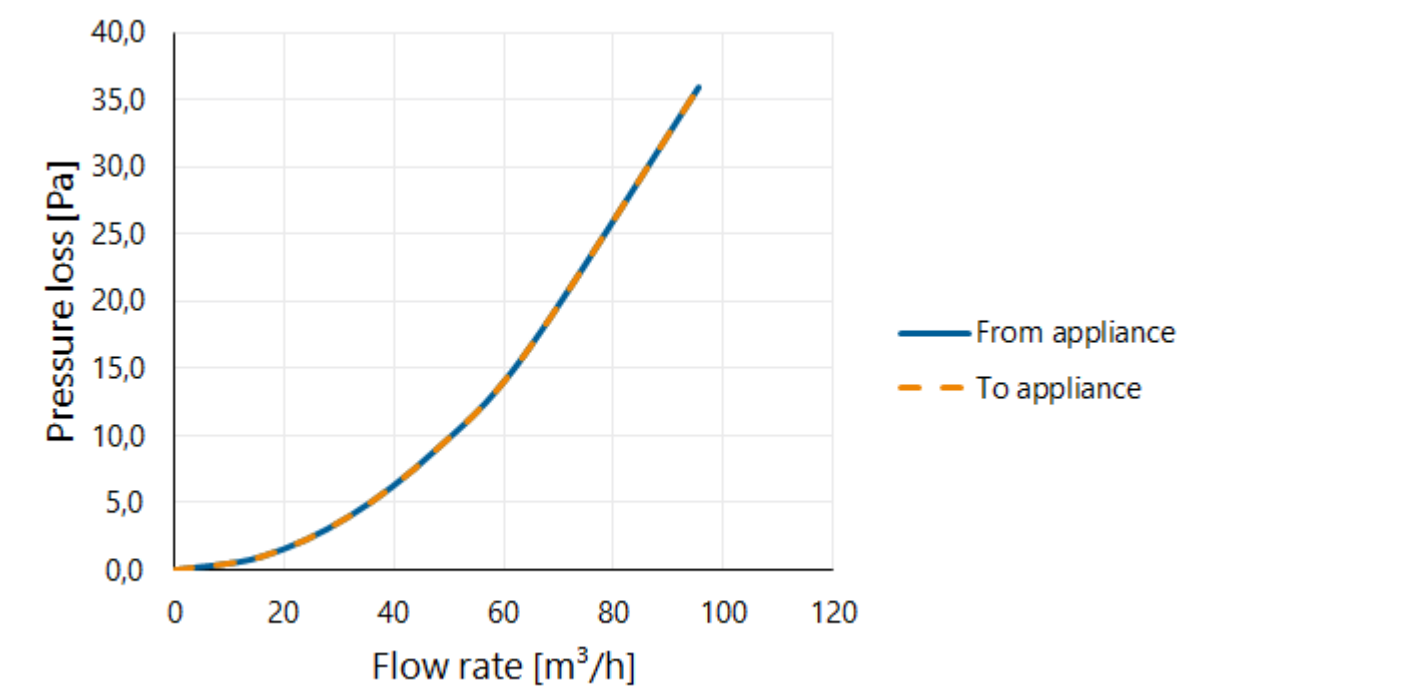
Technical Specifications

Maximum air flow (m³/h)	45
ζ extract	1,66
ζ supply	1,66
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Version MG-DS-400480438-2021.10 • Specifications are subject to change without notice.

Graph

Pressure loss



Table

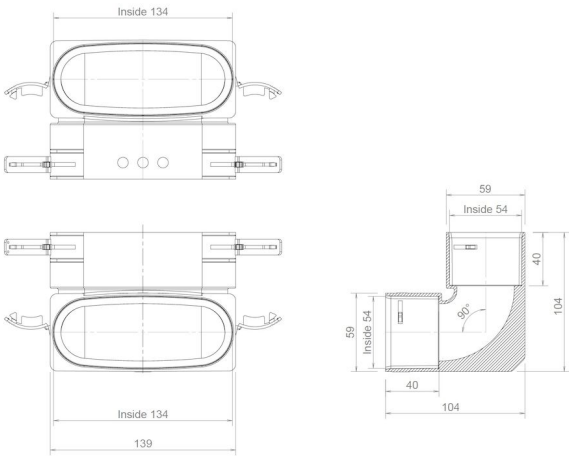
Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	16	4	1,0	1,0
2	32	9	4,0	4,0
3	48	13	9,0	9,0
4	64	18	16,0	16,0
6	95	27	36,0	36,0

Version MG-DS-400480438-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Elbow 132x52 90° vertical



Specifications

Article number	400480439
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	0,16

Dimensions

Dimensions (l x w x h mm)	104 x 139 x 104
Connection diameter flexible (mm)	132x52

Application Insights

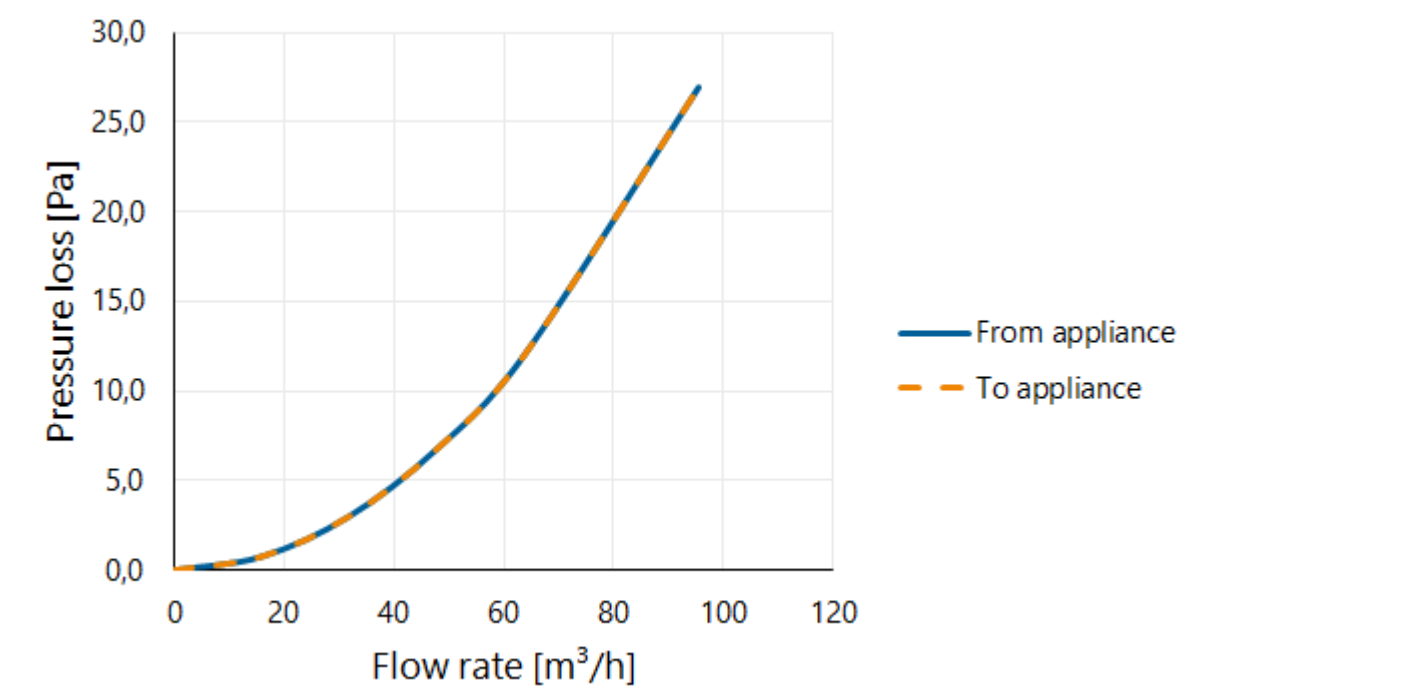
Intended use	Air
Supply / Extract	Supply/Extract
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	45
ζ extract	1,25
ζ supply	1,25
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Graph

Pressure loss



Table

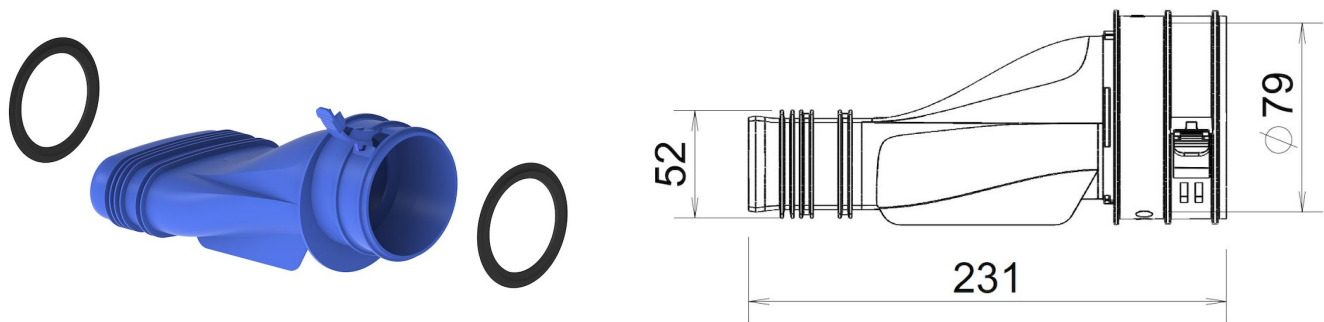
Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	16	4	0,7	0,7
2	32	9	3,0	3,0
3	48	13	6,7	6,7
4	64	18	12,0	12,0
6	95	27	26,9	26,9

Version MG-DS-400480439-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Connection 132x52 - 75



Specifications

Article number	400480615
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	0,24

Dimensions

Dimensions (l x w x h mm)	231 x 79 x 52
Connection diameter flexible (mm)	132x52 - 75

Application Insights

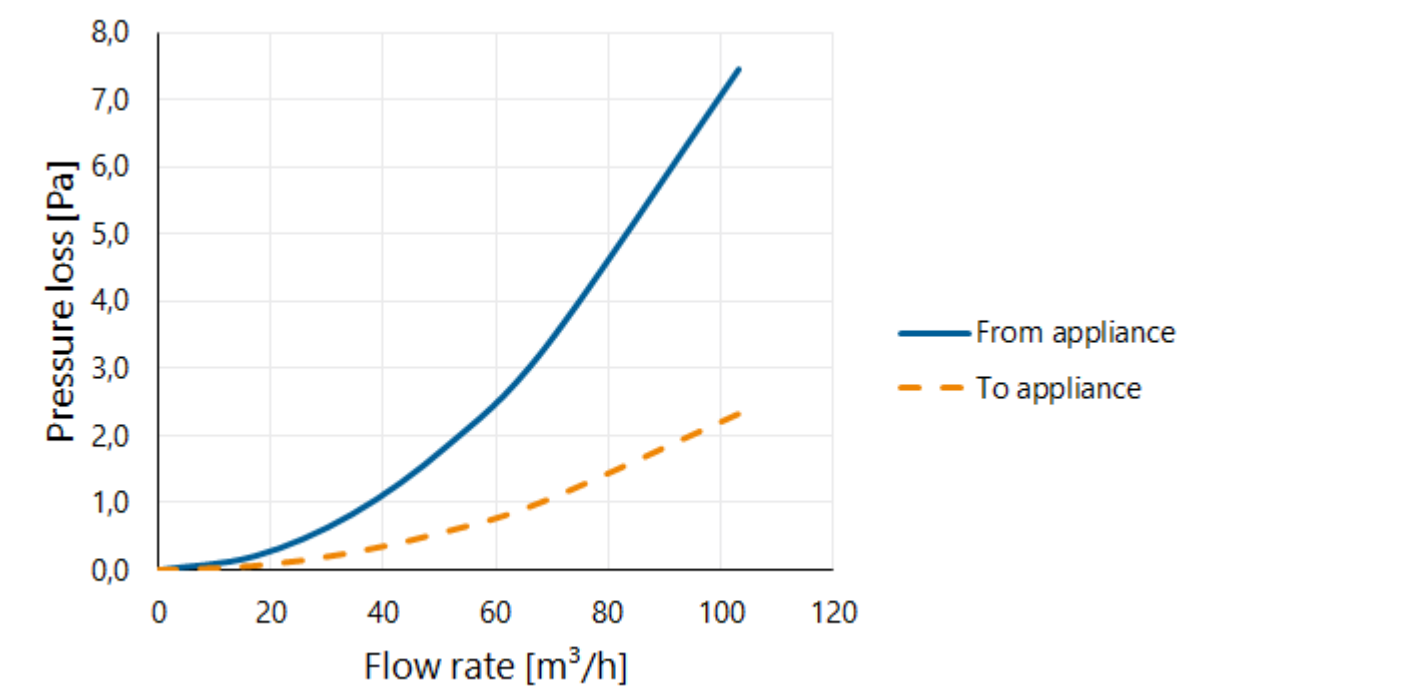
Intended use	Air
Supply / Extract	Supply/Extract
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	45
ζ extract	0,29
ζ supply	0,09
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Graph

Pressure loss



Table

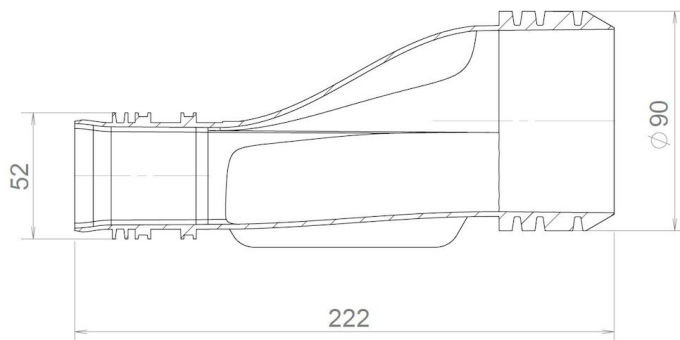
Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	17	5	0,2	0,1
2	34	10	0,8	0,3
3	52	14	1,9	0,6
4	69	19	3,3	1,0
6	103	29	7,5	2,3

Version MG-DS-400480615-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Connection 132x52 - 92 keyed joint



Specifications

Article number	400480444
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	0,25

Dimensions

Dimensions (l x w x h mm)	132 x 222 x 90
Connection diameter flexible (mm)	132x52 - 92

Application Insights

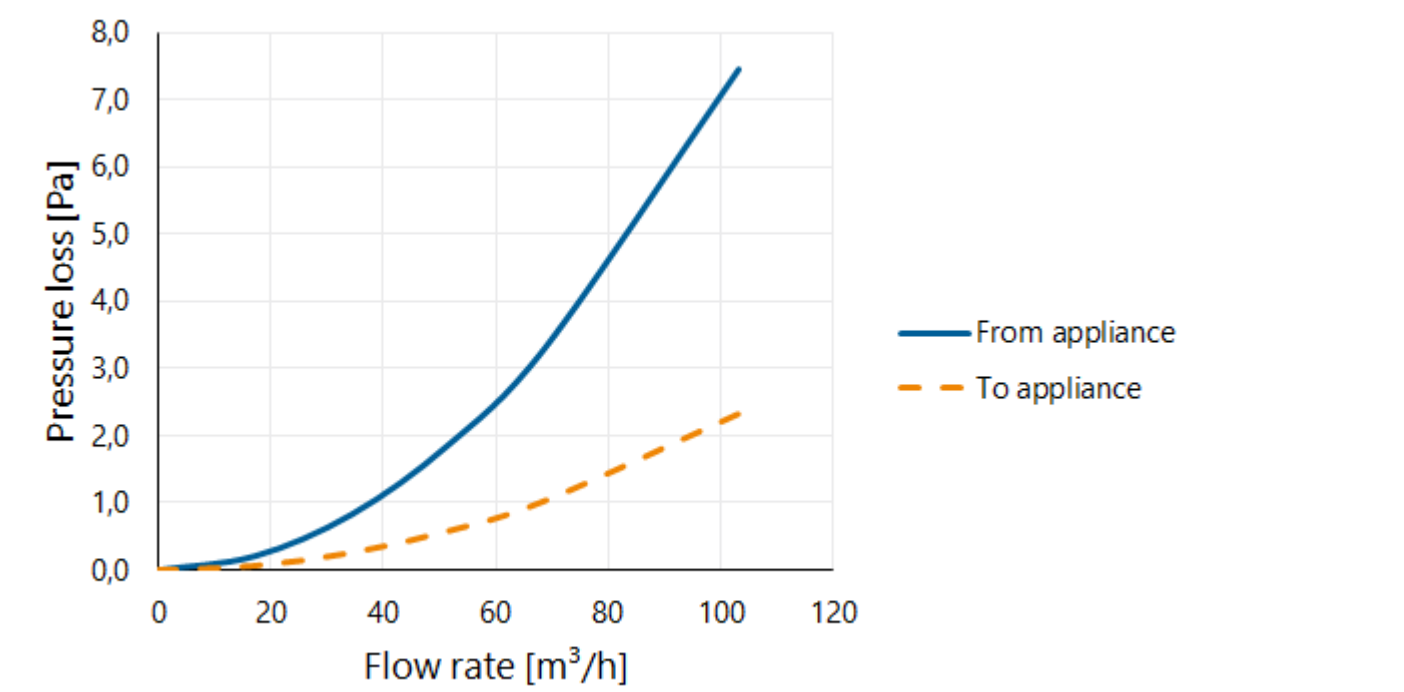
Intended use	Air
Supply / Extract	Supply/Extract
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	45
ζ extract	0,36
ζ supply	0,10
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Graph

Pressure loss



Table

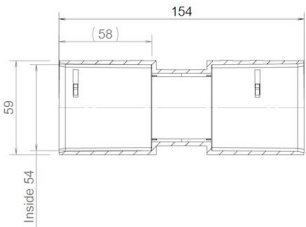
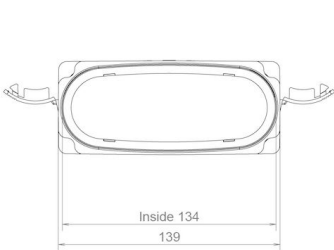
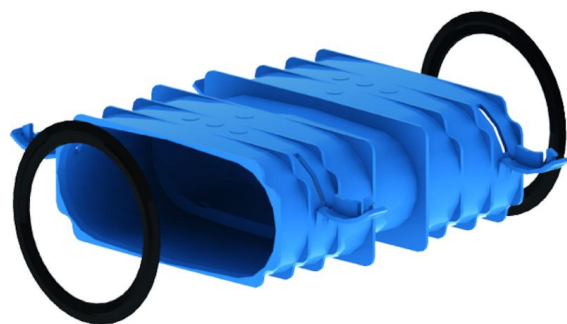
Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	17	5	0,2	0,1
2	34	10	0,8	0,3
3	52	14	1,9	0,6
4	69	19	3,3	1,0
6	103	29	7,5	2,3

Version MG-DS-400480444-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Connection 132x52



Specifications

Article number	400480440
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	0,17

Dimensions

Dimensions (l x w x h mm)	154 x 139 x 59
Connection diameter flexible (mm)	132x52

Application Insights

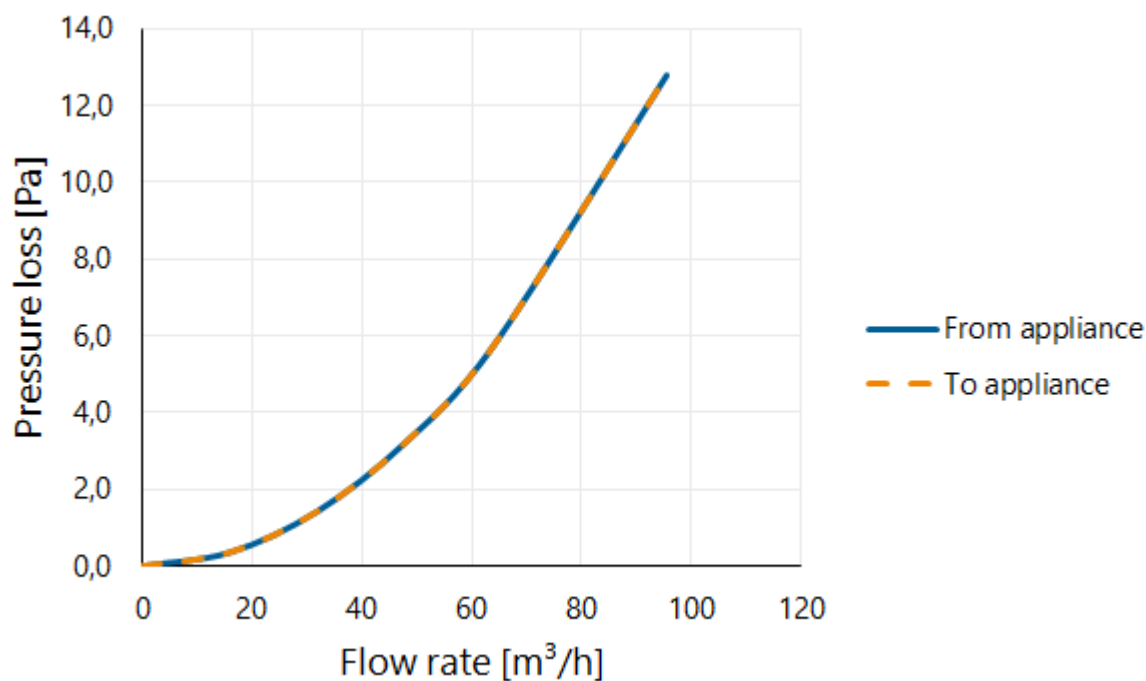
Intended use	Air
Supply / Extract	Supply/Extract
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	45
ζ extract	0,59
ζ supply	0,59
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Graph

Pressure loss



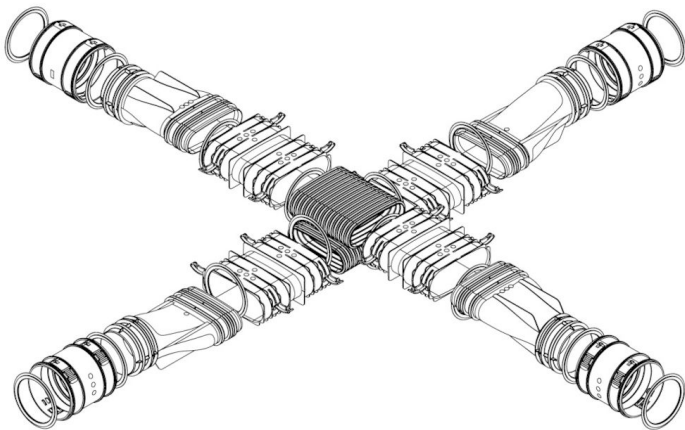
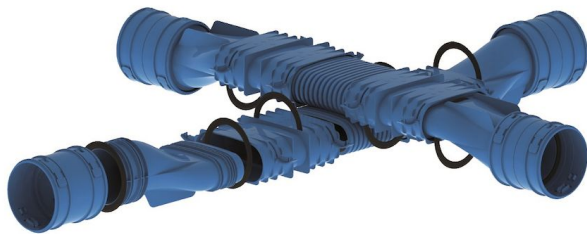
Table

Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	16	4	0,4	0,4
2	32	9	1,4	1,4
3	48	13	3,2	3,2
4	64	18	5,7	5,7
6	95	27	12,8	12,8

General information

Hybalans+ Cross 92 extended



Specifications

Article number	400470403
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	1,34

Dimensions

Dimensions (l x w x h mm)	855 x 855 x 118
Connection diameter flexible (mm)	92

Application Insights

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

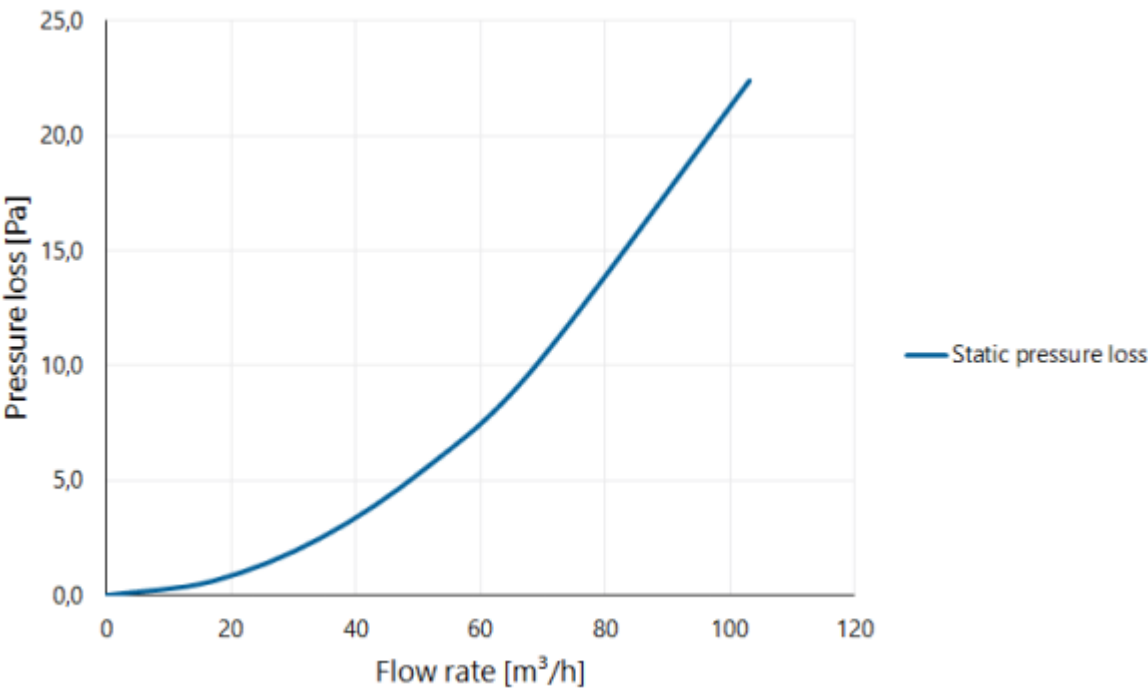
Technical Specifications

Maximum air flow (m³/h)	50
ζ extract	1,00
ζ supply	1,00
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Version MG-DS-400470403-2021.10 • Specifications are subject to change without notice.

Graph

Pressure loss



Table

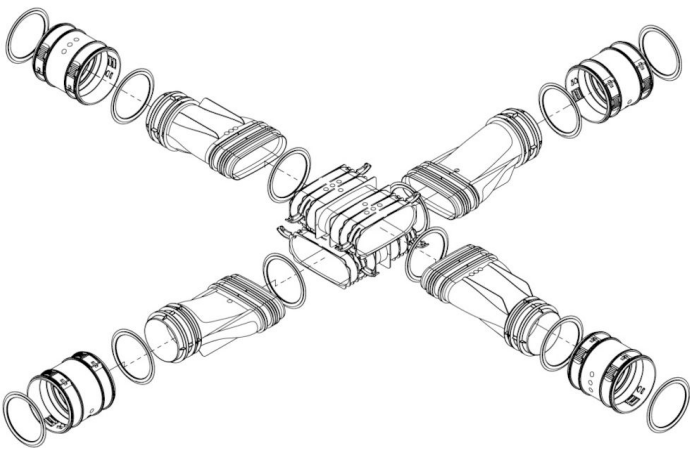
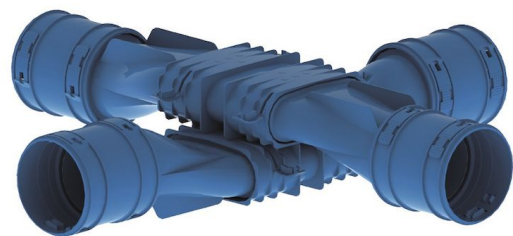
Flow velocity pressure table

Flow rate			Static pressure loss
[m/s]	[m³/h]	[l/s]	
0	0	0	0,0
1	17	5	0,6
2	34	10	2,5
3	52	14	5,6
4	69	19	9,9
6	103	29	22,4

Version MG-DS-400470403-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Cross 92



Specifications

Article number	400470402
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	1

Dimensions

Dimensions (l x w x h mm)	605 x 605 x 118
Connection diameter flexible (mm)	92

Application Insights

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

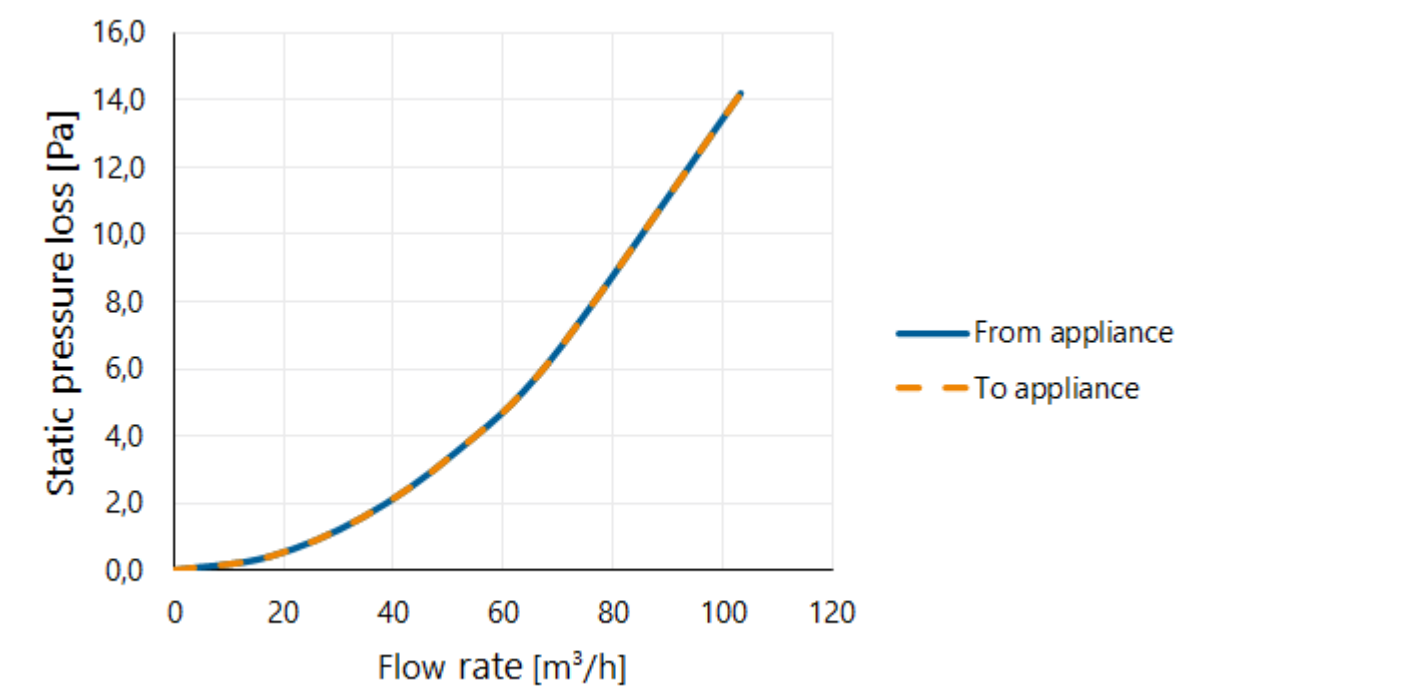
Technical Specifications

Maximum air flow (m³/h)	50
ζ extract	0,60
ζ supply	0,60
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Version MG-DS-400470402-2021.10 • Specifications are subject to change without notice.

Graph

Pressure loss



Table

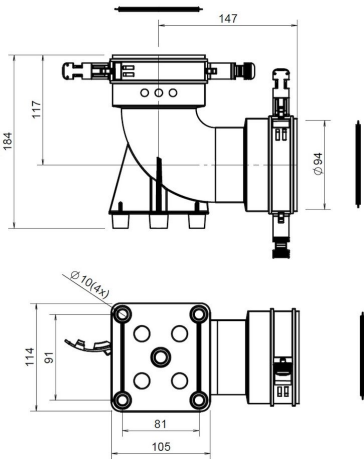
Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	17	5	0,4	0,4
2	34	10	1,6	1,6
3	52	14	3,5	3,5
4	69	19	6,3	6,3
6	103	29	14,2	14,2

Version MG-DS-400470402-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Support elbow 92 90°



Specifications

Article number	400470436
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	0,28

Dimensions

Dimensions (l x w x h mm)	199,5 x 114 x 184
Connection diameter flexible (mm)	92

Application Insights

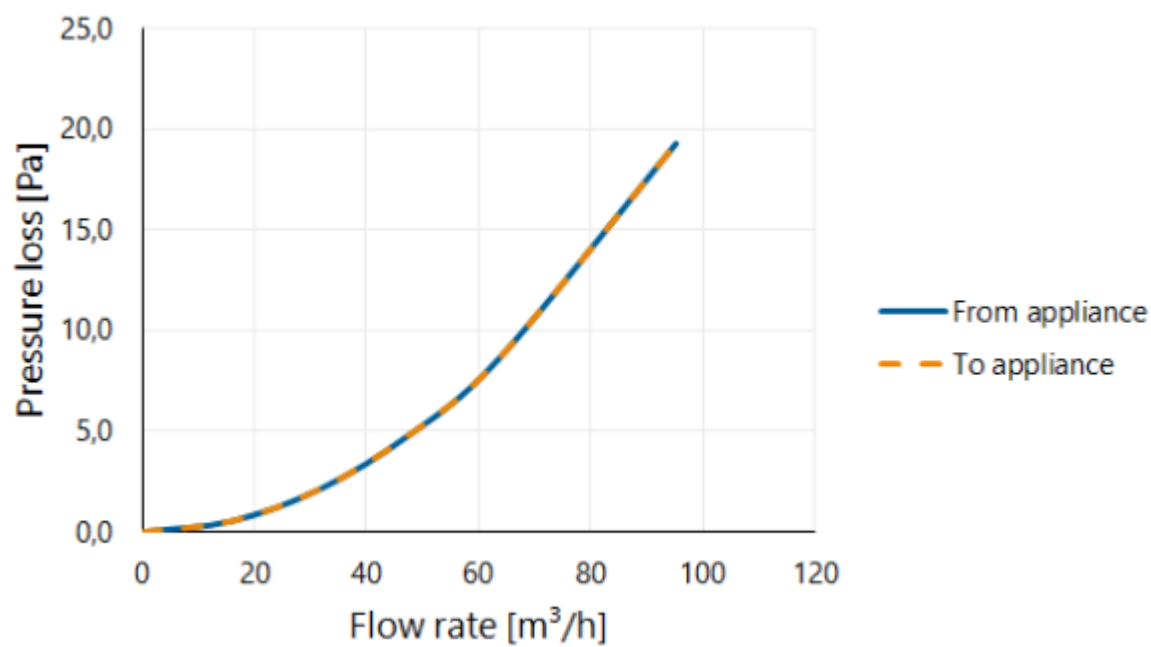
Intended use	Air
Supply / Extract	Supply/Extract
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	50
ζ extract	0,90
ζ supply	0,90
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Graph

Pressure loss



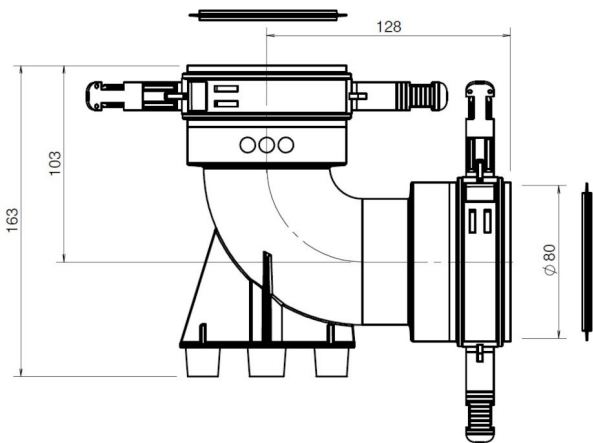
Table

Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	16	4	0,5	0,5
2	32	9	2,1	2,1
3	48	13	4,8	4,8
4	64	18	8,6	8,6
6	95	27	19,3	19,3

General information

Hybalans+ Support elbow 75 90°



Specifications

Article number	400470453
Product category	Connection piece
Material	PP
Colour	RAL-5015
Weight (kg)	0,33

Dimensions

Dimensions (l x w x h mm)	168 x 80 x 163
Connection diameter flexible (mm)	75

Application Insights

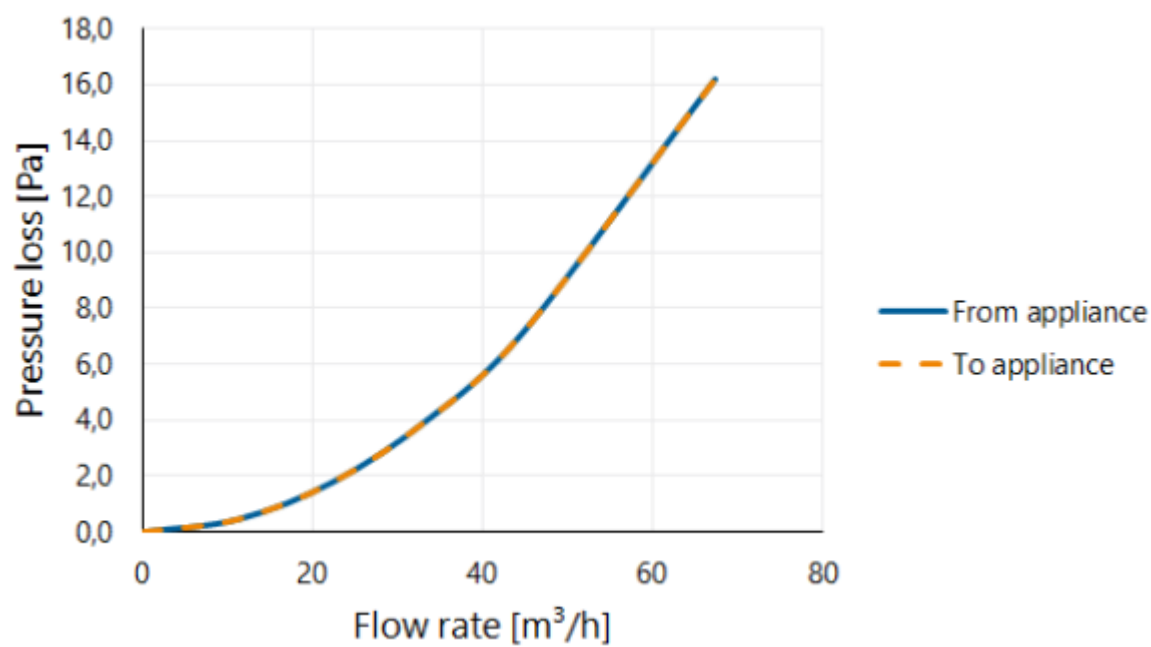
Intended use	Air
Supply / Extract	Supply/Extract
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	40
ζ extract	0,80
ζ supply	0,80
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Graph

Pressure loss



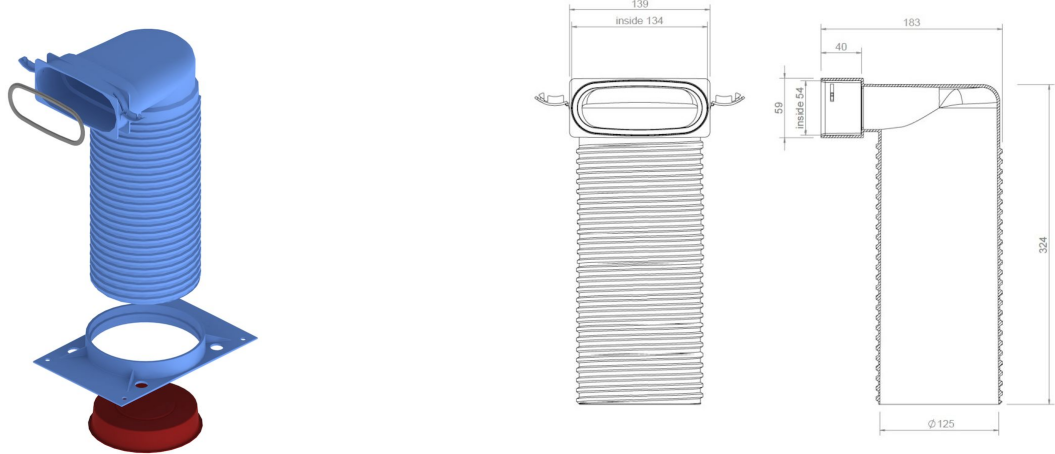
Table

Flow velocity pressure table

Flow rate			Static pressure loss	
			From appliance	To appliance
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]
0	0	0	0,0	0,0
1	11	3	0,5	0,5
2	22	6	1,8	1,8
3	34	9	4,1	4,1
4	45	12	7,2	7,2
6	67	19	16,2	16,2

General information

Hybalans+ Valve connection 125 132x52 90°



Specifications

Article number	400480442
Product category	Air valve connection
Material	PP
Colour	RAL-5015
Weight (kg)	0,57

Dimensions

Dimensions (l x w x h mm)	324 x 139 x 183
Connection diameter flexible (mm)	132x52

Application Insights

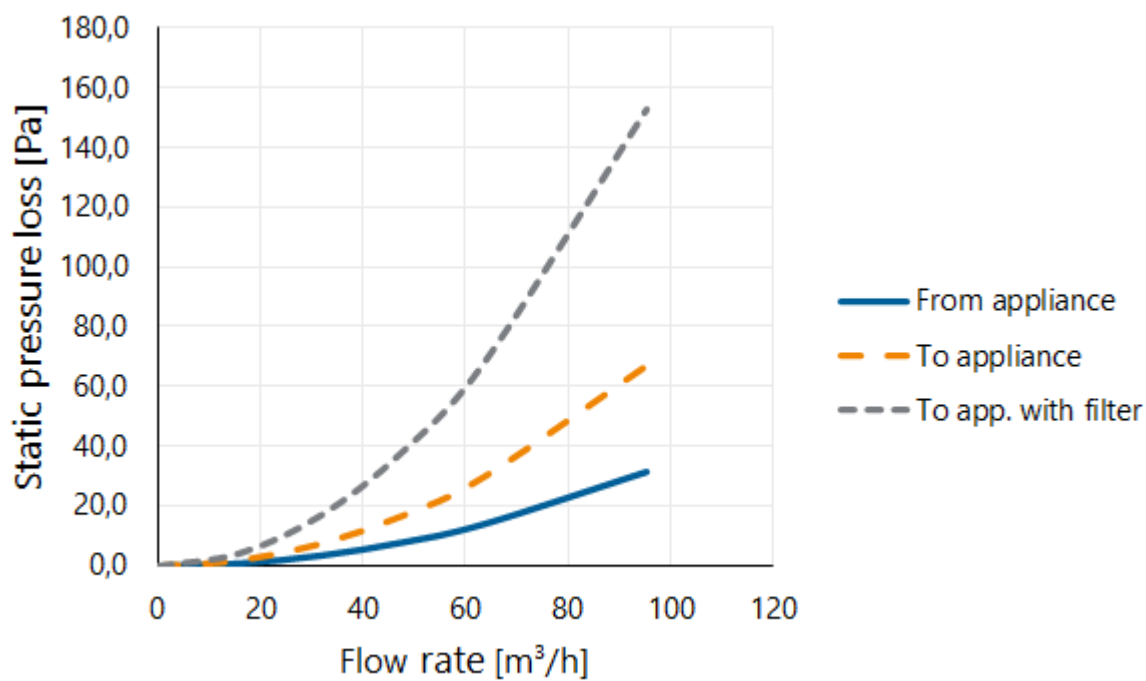
Intended use	Air
Supply / Extract	Supply/Extract
Temperature range (°C)	-25 / +80

Technical Specifications

Maximum air flow (m³/h)	45
ζ extract	1,50
ζ supply	3,10
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Valve connection 125 132x52 90° with Disc valve

Pressure loss



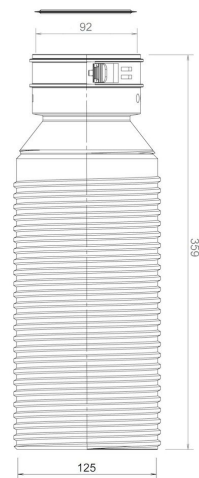
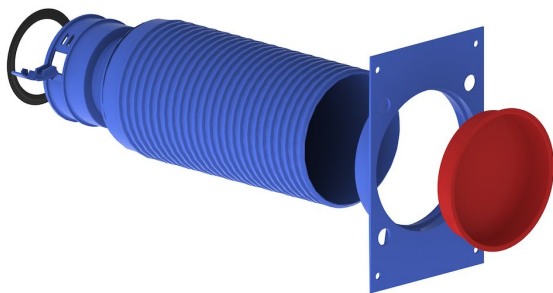
Valve connection 125 132x52 90° with Disc valve

Flow velocity pressure table

Flow rate			Static pressure loss		
			From appliance	To appliance	To app. with filter
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]	[Pa]
0	0	0	0,0	0,0	0,0
1	16	4	0,9	1,9	4,2
2	32	9	3,5	7,5	16,9
3	48	13	7,9	16,8	38,1
4	64	18	14,0	29,8	67,8
6	95	27	31,5	67,1	152,5

General information

Hybalans+ Valve connection 125 92



Specifications

Article number	400480617
Product category	Air valve connection
Material	PP
Colour	RAL-5015
Weight (kg)	0,45

Dimensions

Dimensions (l x w x h mm)	359,5 x 133 x 133
Connection diameter flexible (mm)	92

Application Insights

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

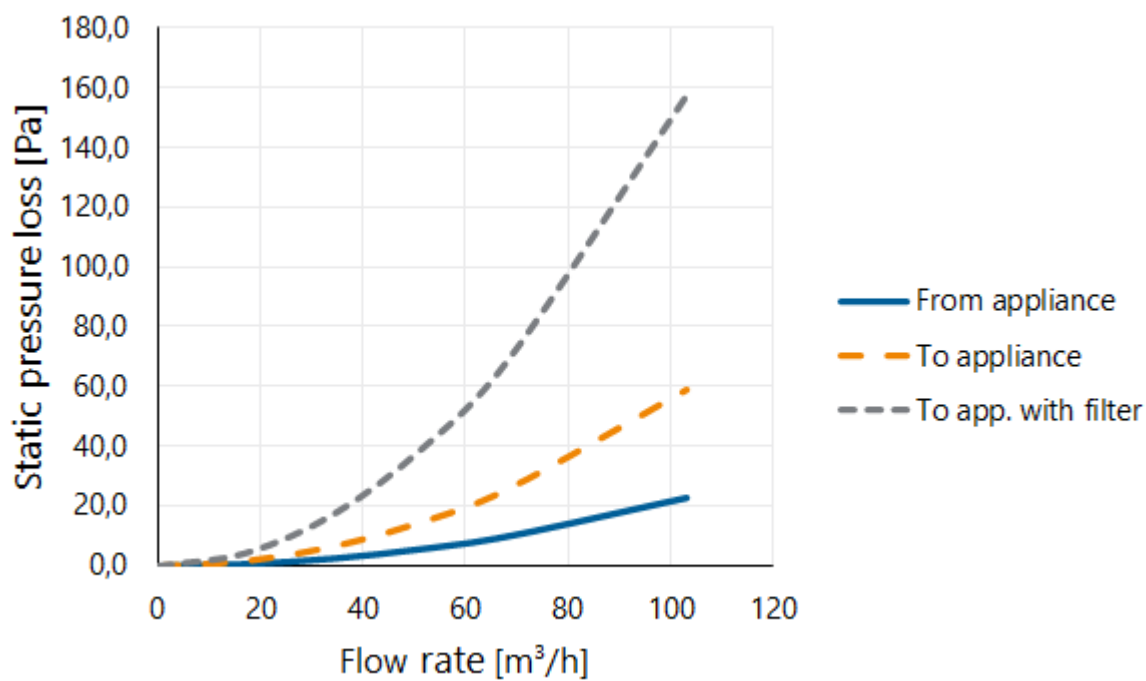
Technical Specifications

Maximum air flow (m³/h)	50
ζ extract	1,00
ζ supply	2,70
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Version MG-DS-400480617-2021.10 • Specifications are subject to change without notice.

Valve connection 125 92 with Disc valve

Pressure loss



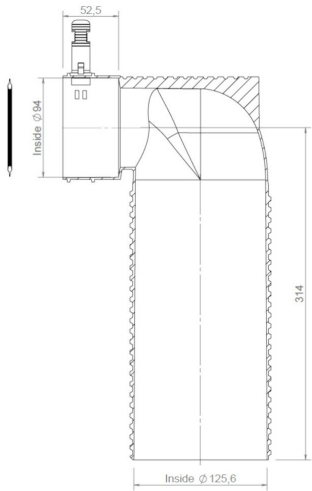
Valve connection 125 92 with Disc valve

Flow velocity pressure table

Flow rate			Static pressure loss		
			From appliance	To appliance	To app. with filter
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]	[Pa]
0	0	0	0,0	0,0	0,0
1	17	5	0,6	1,6	4,4
2	34	10	2,5	6,5	17,5
3	52	14	5,6	14,6	39,4
4	69	19	10,0	26,0	70,0
6	103	29	22,5	58,5	157,4

General information

Hybalans+ Valve connection 125 92 90°



Specifications

Article number	400480616
Product category	Air valve connection
Material	PP
Colour	RAL-5015
Weight (kg)	0,34

Dimensions

Dimensions (l x w x h mm)	338 x 133 x 133
Connection diameter flexible (mm)	92

Application Insights

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

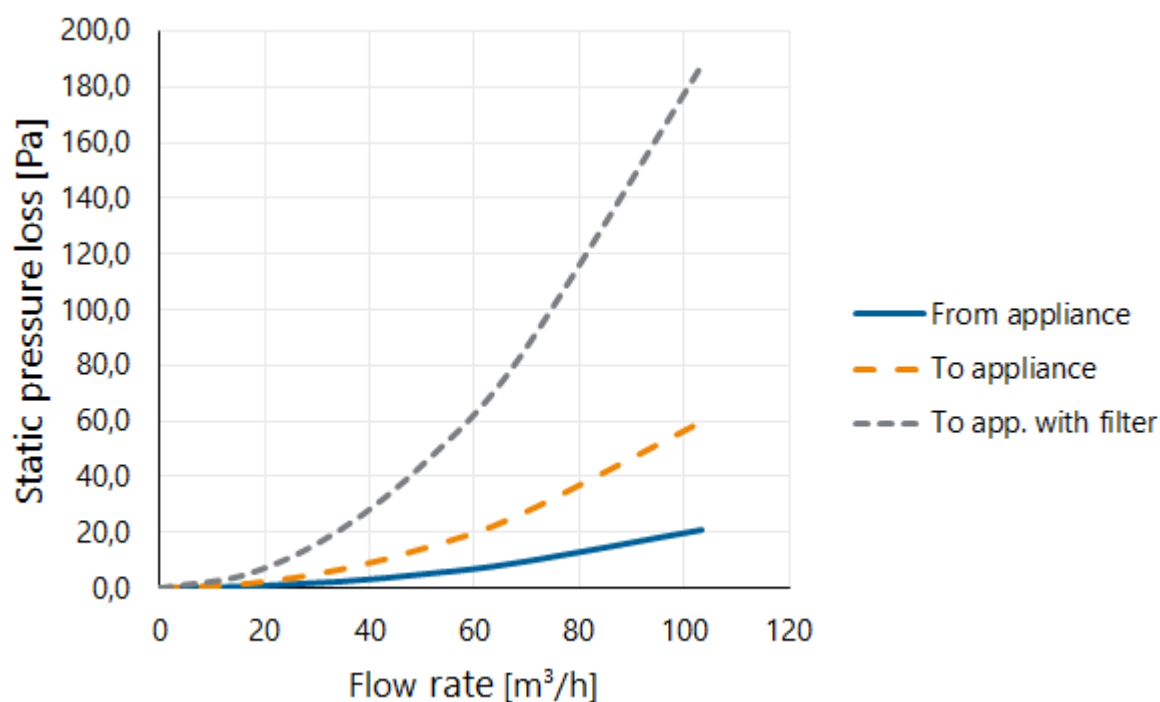
Technical Specifications

Maximum air flow (m³/h)	50
ζ extract	1,40
ζ supply	3,10
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Version MG-DS-400480616-2021.10 • Specifications are subject to change without notice.

Valve connection 125 92 90° with Disc valve

Pressure loss



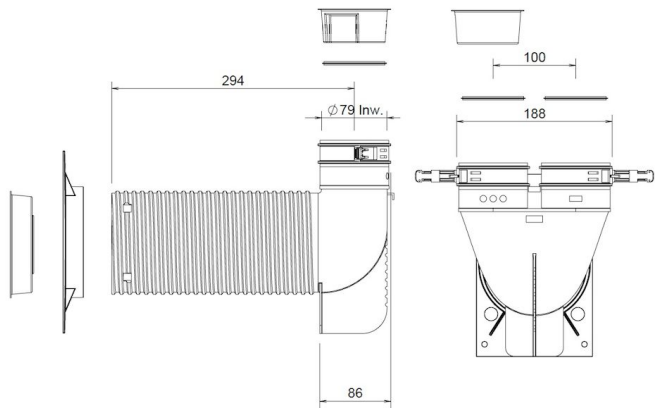
Valve connection 125 92 90° with Disc valve

Flow velocity pressure table

Flow rate			Static pressure loss		
[m/s]	[m³/h]	[l/s]	From appliance	To appliance	To app. with filter
			[Pa]	[Pa]	[Pa]
0	0	0	0,0	0,0	0,0
1	17	5	0,6	1,7	5,2
2	34	10	2,3	6,7	20,8
3	52	14	5,2	15,0	46,9
4	69	19	9,2	26,7	83,3
6	103	29	20,6	60,1	187,4

General information

Hybalans+ Valve connection 117 2x75 90°



Specifications

Article number	400470353
Product category	Air valve connection
Material	PP
Colour	RAL-5015
Weight (kg)	0,53

Dimensions

Dimensions (l x w x h mm)	338 x 188 x 234
Connection diameter flexible (mm)	75

Application Insights

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

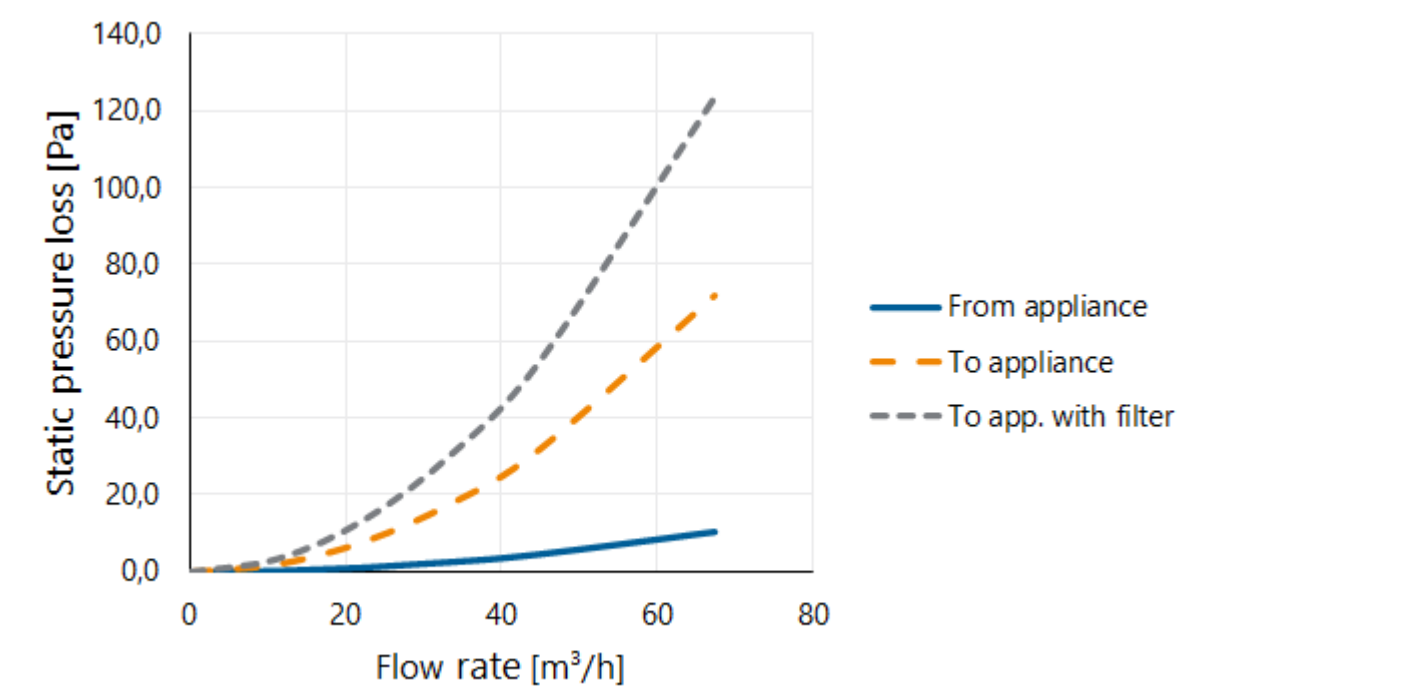
Technical Specifications

Maximum air flow (m³/h)	80
ζ extract	0,50
ζ supply	3,30
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Version MG-DS-400470353-2021.10 • Specifications are subject to change without notice.

Valve connection 117 2x75 90° with Disc valve

Pressure loss



Valve connection 117 2x75 90° with Disc valve

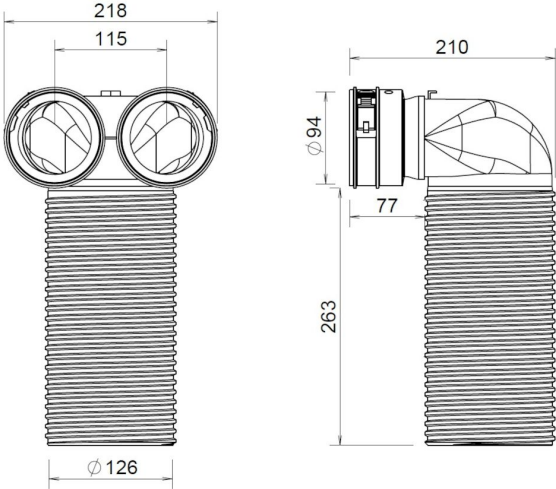
Flow velocity pressure table

Flow rate			Static pressure loss		
			From appliance	To appliance	To app. with filter
[m/s]	[m³/h]	[l/s]	[Pa]	[Pa]	[Pa]
0	0	0	0,0	0,0	0,0
1	11	3	0,3	2,0	3,4
2	22	6	1,2	8,0	13,7
3	34	9	2,6	17,9	30,9
4	45	12	4,7	31,8	54,9
6	67	19	10,5	71,7	123,6

Version MG-DS-400470353-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Valve Connectionn 125 2x92 90°



Specifications

Article number	400470419
Product category	Air valve connection
Material	PP
Colour	RAL-5015
Weight (kg)	0,59

Dimensions

Dimensions (l x w x h mm)	210 x 218 x 357
Connection diameter flexible (mm)	92

Application Insights

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

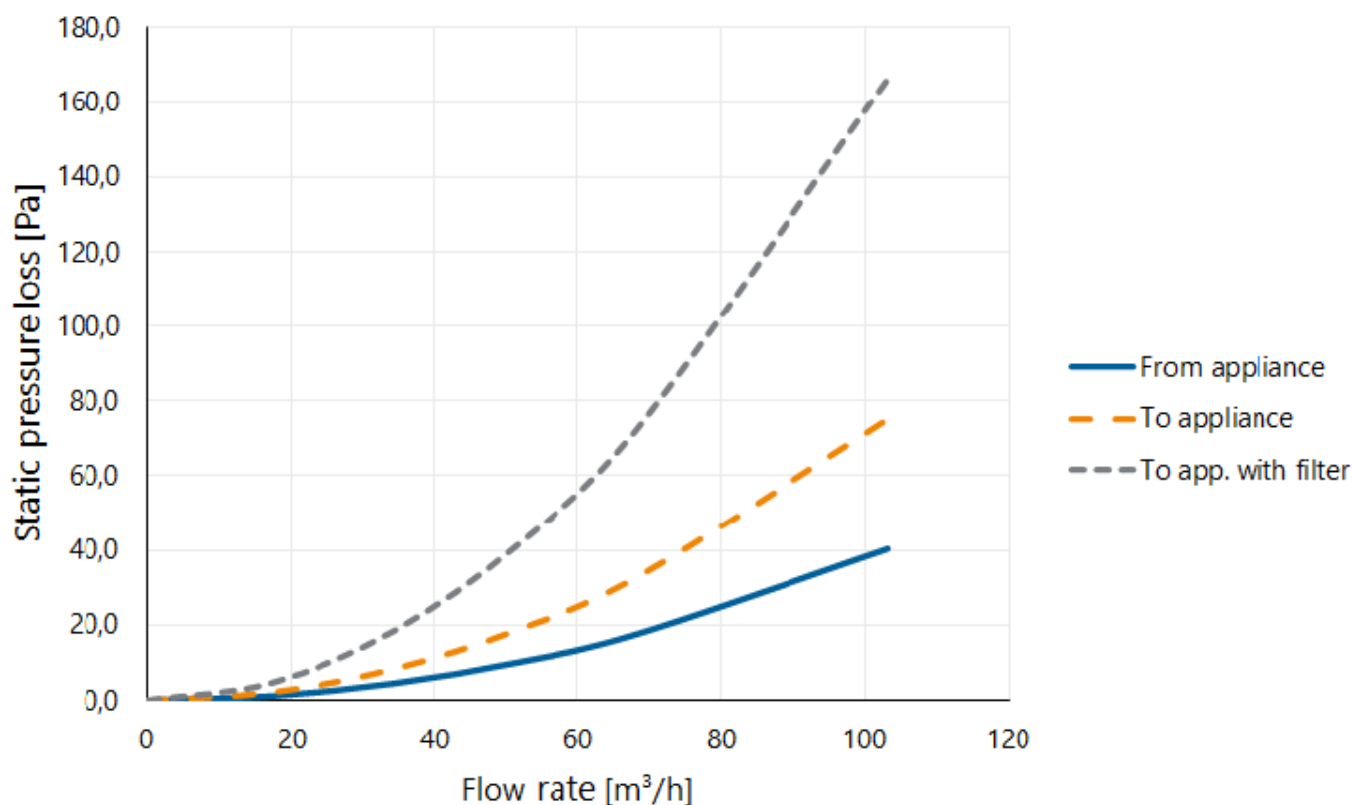
Technical Specifications

Maximum air flow (m³/h)	100
ζ extract	1,90
ζ supply	3,50
Air Tightness Class	2
R-value (m²K/W)	0
Other specifications	-

Version MG-DS-400470419-2021.10 • Specifications are subject to change without notice.

Valve connection 125 2x92 90° with Disc valve

Pressure loss



Valve connection 125 2x92 90° with Disc valve

Flow velocity pressure table

Flow rate			Static pressure loss		
[m/s]	[m³/h]	[l/s]	From appliance	To appliance	To app. with filter
			[Pa]	[Pa]	[Pa]
0	0	0	0,0	0,0	0,0
1	17	5	1,1	2,1	4,6
2	34	10	4,5	8,4	18,5
3	52	14	10,1	18,8	41,6
4	69	19	18,0	33,5	73,9
6	103	29	40,5	75,3	166,3