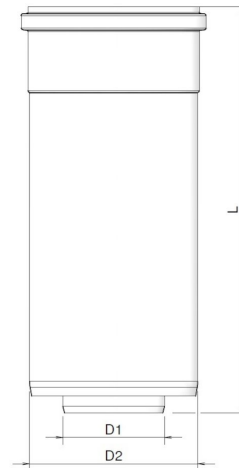


**General information**

**TwinSafe Extension PP Concentric100/150 L=500**



**Specifications**

Article number	410084351
Material flue duct	Plastic
Quality class flue duct	PP
Wall thickness flue duct nom (mm)	2,1
Material seal flue duct	EPDM
Material air duct	Galvanized steel (coated)
Quality class air duct	EN10346: DX52D
Wall Thickness (mm)	0,4
Material seal air duct	EPDM
Colour air duct	White (RAL 9016)
Weight (kg)	1,12

**Dimensions**

Diameter flue duct nom (mm)	100
Diameter air duct nom (mm)	150
Outer dimensions (l x w x h mm)	500 x 160 x 160

**Application Insights**

Intended use	Exhaust of flue gases and supply of combustion air
Location class	For indoor use only

Version MG-DS-410084351-2023.06 • Specifications are subject to change without notice.

## Technical Specifications

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Declaration of performance	001-MG-PP DoP
Harmonized standard	EN 14471: 2013 + A1: 2015
System according to DoP	0.3
CE Marking	T120 H1 W2 O00 LI/LE E U0
ζF Flue duct	0,1
ζA Air duct	0,9
Thermal resistance flue duct (m <sup>2</sup> K/W)	0
Thermal resistance air duct (m <sup>2</sup> K /W)0	
Roughness value flue duct (m)	0,001
Roughness value air duct (m)	-
Equivalent length (m)	0,5
Other specifications	-

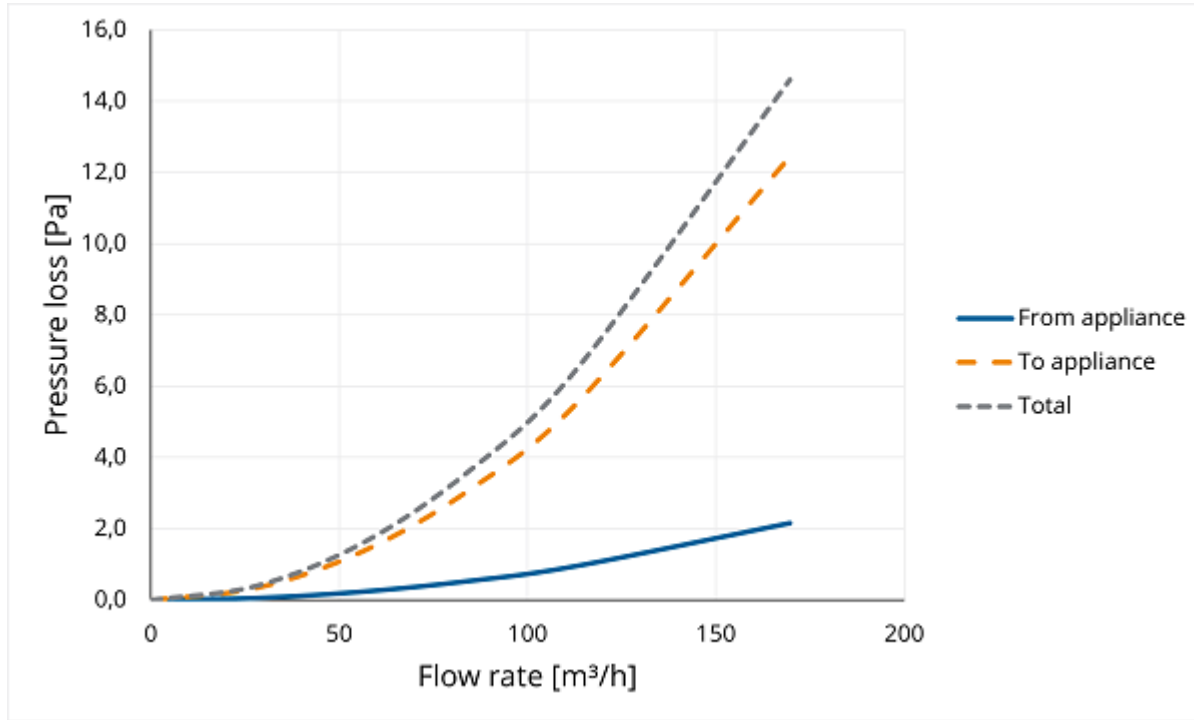
## Mounting and installation

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Always install according to the national regulations. For safe installation, consult the installation and associated mounting instructions, see [Burgerhout.com](http://Burgerhout.com).

## Graph

Pressure loss versus flow rate



## Table

Flow rate versus pressure loss

Flow rate			Static pressure loss		
[m/s]	[m³/h]	[l/s]	From appliance [Pa]	To appliance [Pa]	Total [Pa]
0	0	0	0,0	0,0	0,0
1	28	8	0,1	0,3	0,4
2	57	16	0,2	1,4	1,6
3	85	24	0,5	3,1	3,7
4	113	31	1,0	5,5	6,5
6	170	47	2,2	12,4	14,6