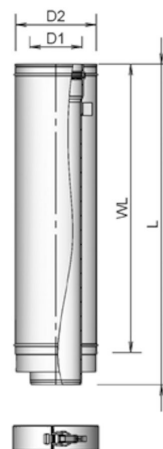


## General information

### TwinSafe+ Extension AL Concentric 100/150 L=500



## Specifications

Article number	400456175
Material flue duct	Aluminium
Quality class flue duct	EN 573-3: 2019; EN AW-Al MgSi
Wall thickness flue duct nom (mm)	1,5
Material seal flue duct	Silicone Blue
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)	2

## 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 outdoor and indoor installation

## Technical Specifications

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Declaration of performance	001-MG-ALU DoP
Harmonized standard	EN 1856-1: 2009
System according to DoP	0,4
CE Marking	T200 P1 W V1 L10/11/13 150 O00
ζF Flue duct	0,17
ζA Air duct	0,4
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	-

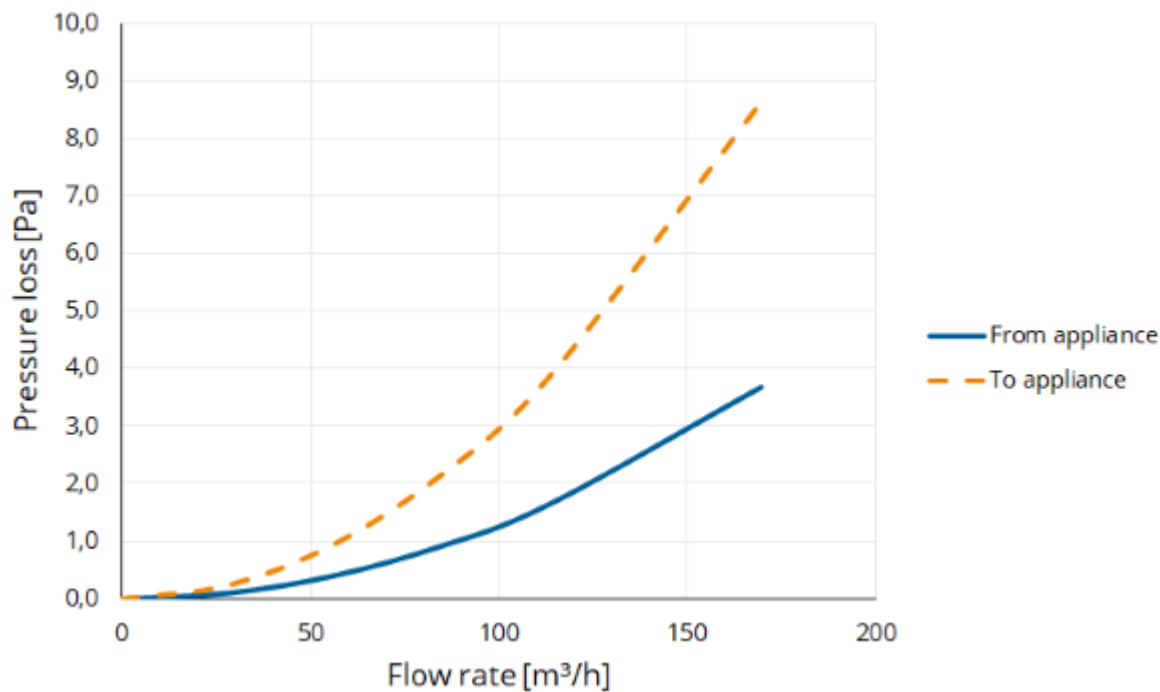
## Mounting and installation

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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]
0	0	0	0,0	0,0
1	28	8	0,1	0,2
2	57	16	0,4	1,0
3	85	24	0,9	2,2
4	113	31	1,6	3,8
6	170	47	3,7	8,6