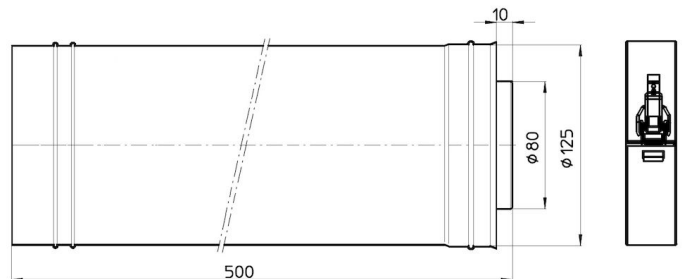


## General information

### Outdoor Extension PP 80/125 L=500



## Specifications

Article number	400455002
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	SST (polished)
Quality class air duct	EN10088-1: 2014; 1.4301 (304 BA)
Wall Thickness (mm)	0,4
Material seal air duct	EPDM
Colour air duct	Material's own color
Weight (kg)	1,02

## Dimensions

Diameter flue duct nom (mm)	80
Diameter air duct nom (mm)	125
Outer dimensions (l x w x h mm)	500 x 130 x 130

## Application Insights

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

## Technical Specifications

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Declaration of performance	001-MG-PP DoP
Harmonized standard	EN 14471: 2013 + A1: 2015
System according to DoP	0.3a
CE Marking	T120 P1 W2 O00 LE E U0
ζF Flue duct	0,15
ζA Air duct	0,68
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	-

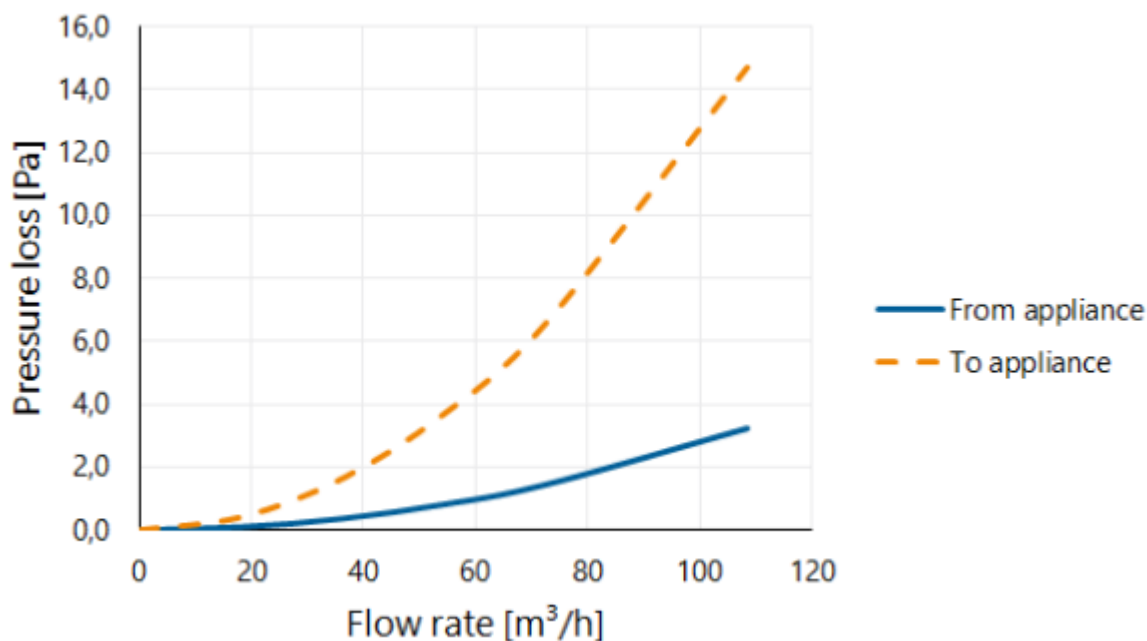
## Mounting and installation

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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	18	5	0,1	0,4
2	36	10	0,4	1,6
3	54	15	0,8	3,7
4	72	20	1,4	6,5
6	109	30	3,2	14,7