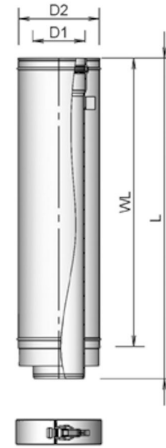


## General information

### TwinSafe+ Extension AL Concentric 100/150 L=2000



## Specifications

|                                   |                               |
|-----------------------------------|-------------------------------|
| Article number                    | 400456179                     |
| 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)                       | 5,6                           |

## Dimensions

|                                 |                  |
|---------------------------------|------------------|
| Diameter flue duct nom (mm)     | 100              |
| Diameter air duct nom (mm)      | 150              |
| Outer dimensions (l x w x h mm) | 2000 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<br>000 |
| ζF Flue duct   | 0,55                              |
| ζA Air duct  | 1,25                              |
| Thermal resistance flue duct<br>(m <sup>2</sup> K/W) | 0                                 |
| Thermal resistance air duct (m <sup>2</sup> K<br>/W) | 0                                 |
| Roughness value flue duct (m)                        | 0,001                             |
| Roughness value air duct (m)                         | -                                 |
| Equivalent length (m)                                | 2                                 |
| Other specifications                                 | -                                 |

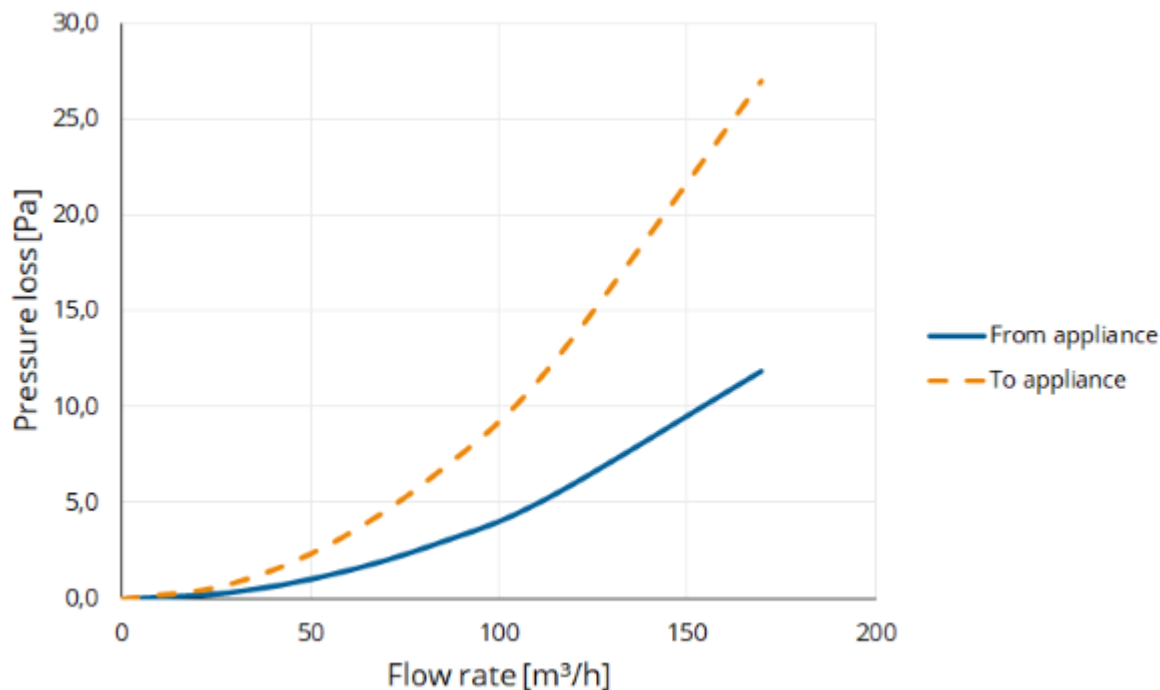
## Mounting and installation

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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     | 0,3                  | 0,8               |
| 2         | 57     | 16    | 1,3                  | 3,0               |
| 3         | 85     | 24    | 3,0                  | 6,8               |
| 4         | 113    | 31    | 5,3                  | 12,0              |
| 6         | 170    | 47    | 11,9                 | 27,0              |