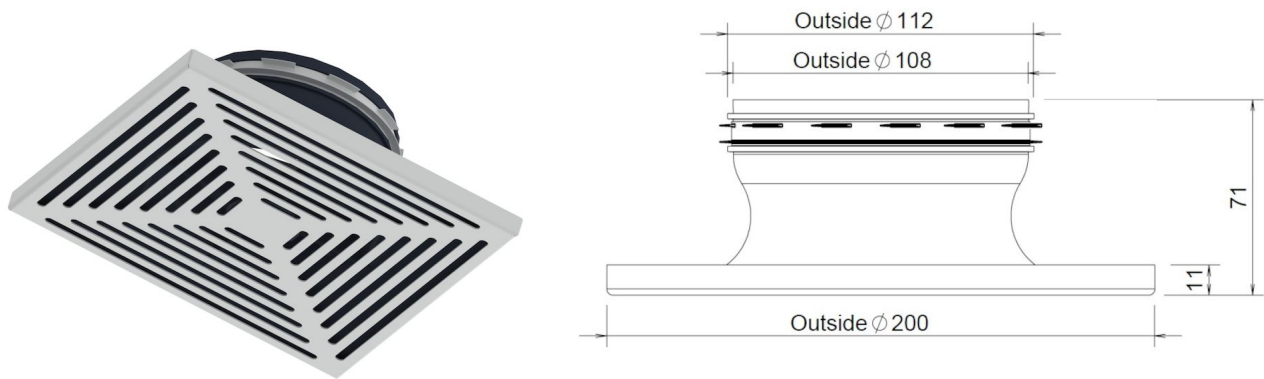


General information

Hybalans+ Supply/Extract air valve Maze



Specifications

|                  |           |
|------------------|-----------|
| Article number   | 400470386 |
| Product category | Air valve |
| Material         | PP        |
| Colour           | RAL-9016  |
| Weight (kg)      | 0,33      |

Dimensions

|                                |                |
|--------------------------------|----------------|
| Dimensions (l x w x h mm)      | 200 x 200 x 71 |
| Connection diameter rigid (mm) | 117-125        |

Application Insights

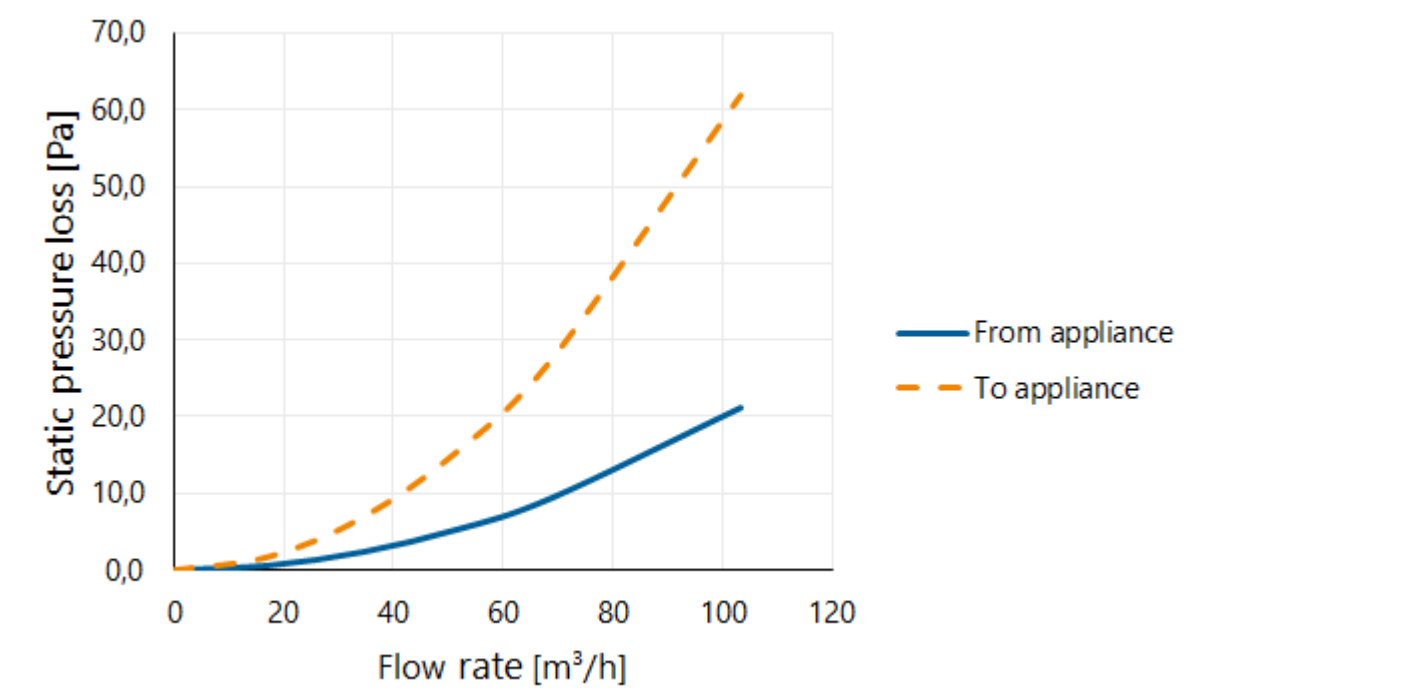
|                        |                |
|------------------------|----------------|
| Intended use           | Air            |
| Supply / Extract       | Supply/Extract |
| Temperature range (°C) | -25 / +80      |

Technical Specifications

|                         |      |
|-------------------------|------|
| Maximum air flow (m³/h) | 50   |
| ζ extract               | 2,90 |
| ζ supply                | 1,00 |
| Air Tightness Class     | 2    |
| R-value (m²K/W)         | 0    |
| Fire rating             | F    |
| Other specifications    | -    |

Maze valve with valve connection 125 92 90° (400480616)

Pressure loss



Maze valve with valve connection 125 92 90° (400480616)

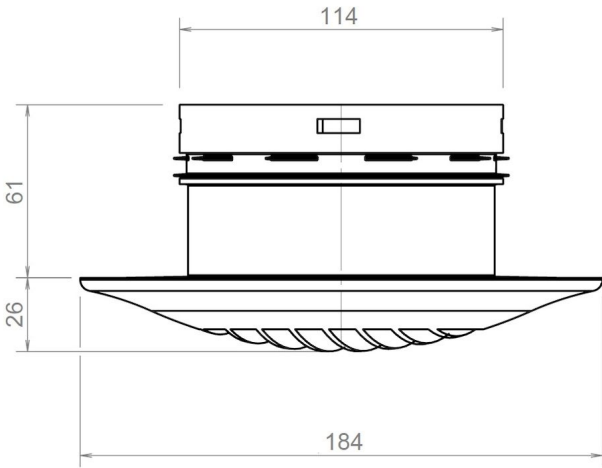
Flow velocity pressure table

| 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                  | 1,7          | 5,2                 |
| 2         | 34     | 10    | 2,3                  | 6,9          | 20,8                |
| 3         | 52     | 14    | 5,3                  | 15,5         | 46,9                |
| 4         | 69     | 19    | 9,4                  | 27,5         | 83,3                |
| 6         | 103    | 29    | 21,1                 | 61,9         | 187,4               |

Version MG-DS-400470386-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Extract air valve Turn



Specifications

|                  |           |
|------------------|-----------|
| Article number   | 400470417 |
| Product category | Air valve |
| Material         | PP        |
| Colour           | RAL-9016  |
| Weight (kg)      | 0,21      |

Dimensions

|                                |                |
|--------------------------------|----------------|
| Dimensions (l x w x h mm)      | 184 x 184 x 87 |
| Connection diameter rigid (mm) | 117-125        |

Application Insights

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

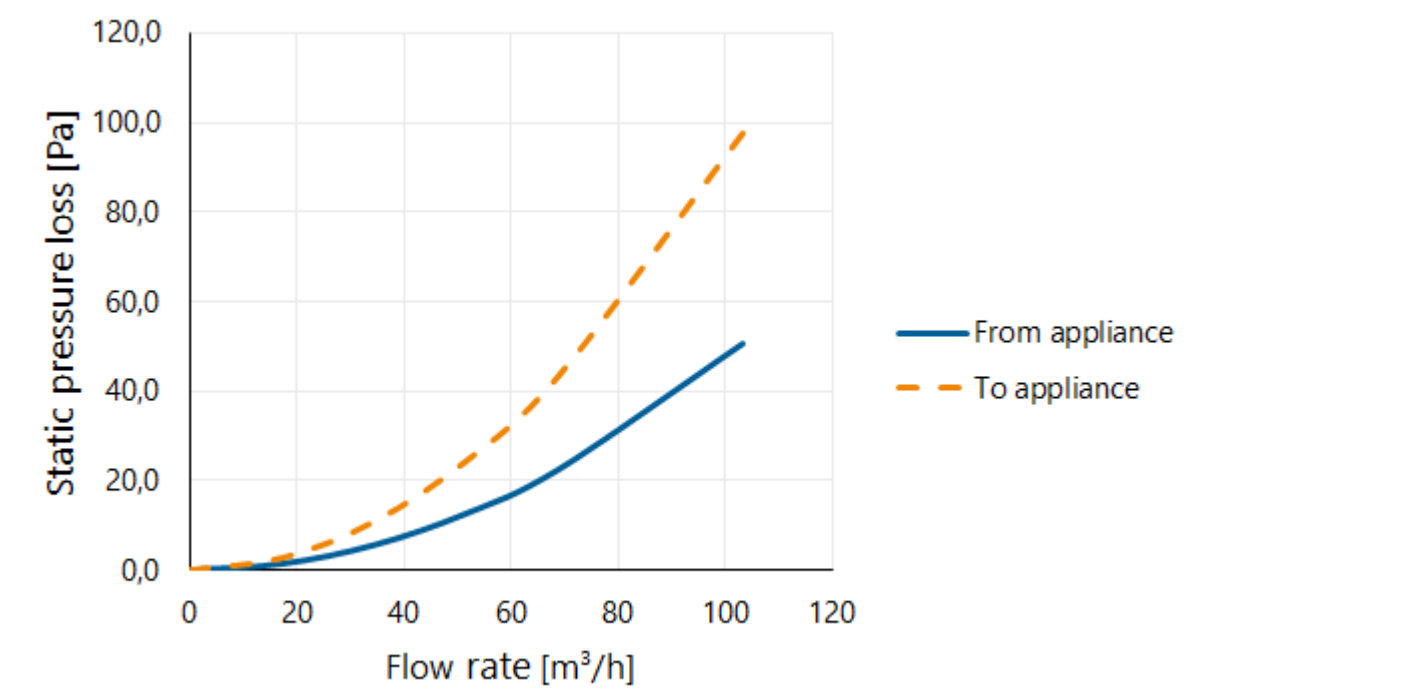
Technical Specifications

|                         |      |
|-------------------------|------|
| Maximum air flow (m³/h) | 50   |
| ζ extract               | 4,50 |
| ζ supply                | 2,40 |
| Air Tightness Class     | 2    |
| R-value (m²K/W)         | 0    |
| Fire rating             | F    |
| Other specifications    | -    |

Version MG-DS-400470417-2021.10 • Specifications are subject to change without notice.

Turn valve with valve connection 125 92 90° (400480616)

Pressure loss



Turn valve with valve connection 125 92 90° (400480616)

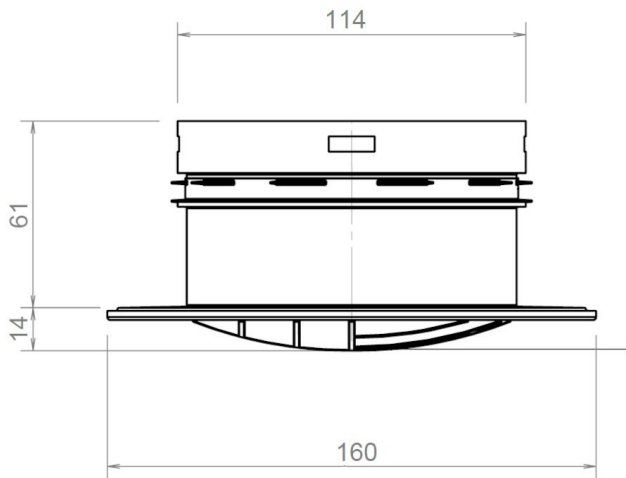
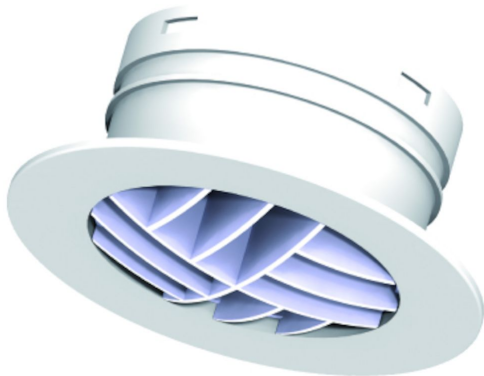
Flow velocity pressure table

| 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     | 1,4                  | 2,7          | 4,8                 |
| 2         | 34     | 10    | 5,6                  | 10,8         | 19,0                |
| 3         | 52     | 14    | 12,7                 | 24,4         | 42,8                |
| 4         | 69     | 19    | 22,6                 | 43,3         | 76,1                |
| 6         | 103    | 29    | 50,8                 | 97,5         | 171,3               |

Version MG-DS-400470417-2021.10 • Specifications are subject to change without notice.

General information

Hybalans+ Extract air valve Kwadrant



Specifications

|                  |           |
|------------------|-----------|
| Article number   | 400470415 |
| Product category | Air valve |
| Material         | PP        |
| Colour           | RAL-9016  |
| Weight (kg)      | 0,18      |

Dimensions

|                                |                |
|--------------------------------|----------------|
| Dimensions (l x w x h mm)      | 184 x 184 x 80 |
| Connection diameter rigid (mm) | 117-125        |

Application Insights

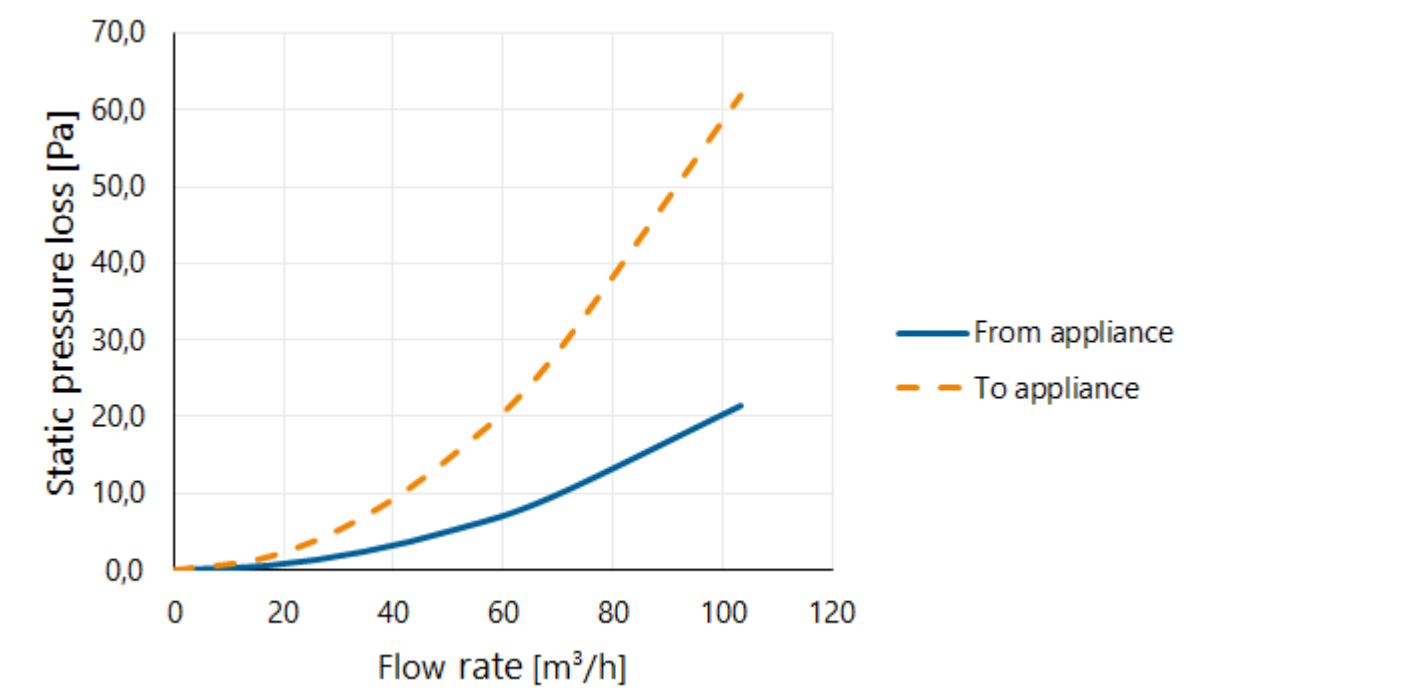
|                        |           |
|------------------------|-----------|
| Intended use           | Air       |
| Supply / Extract       | Extract   |
| Temperature range (°C) | -25 / +80 |

Technical Specifications

|                         |      |
|-------------------------|------|
| Maximum air flow (m³/h) | 50   |
| ζ extract               | 2,90 |
| ζ supply                | 1,00 |
| Air Tightness Class     | 2    |
| R-value (m²K/W)         | 0    |
| Fire rating             | F    |
| Other specifications    | -    |

Quad valve with valve connection 125 92 90° (400480616)

Pressure loss



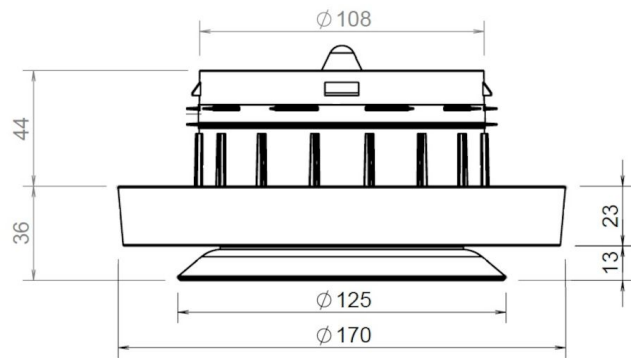
Quad valve with valve connection 125 92 90° (400480616)

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                  | 1,7          | 3,7                 |
| 2         | 34     | 10    | 2,4                  | 6,9          | 14,7                |
| 3         | 52     | 14    | 5,4                  | 15,5         | 33,0                |
| 4         | 69     | 19    | 9,5                  | 27,5         | 58,6                |
| 6         | 103    | 29    | 21,4                 | 61,9         | 131,9               |

General information

Hybalans+ Supply/Extract air valve Disc



Specifications

|                  |           |
|------------------|-----------|
| Article number   | 400470418 |
| Product category | Air valve |
| Material         | PP        |
| Colour           | RAL-9016  |
| Weight (kg)      | 0,22      |

Dimensions

|                                |                |
|--------------------------------|----------------|
| Dimensions (l x w x h mm)      | 170 x 170 x 80 |
| Connection diameter rigid (mm) | 117-125        |

Application Insights

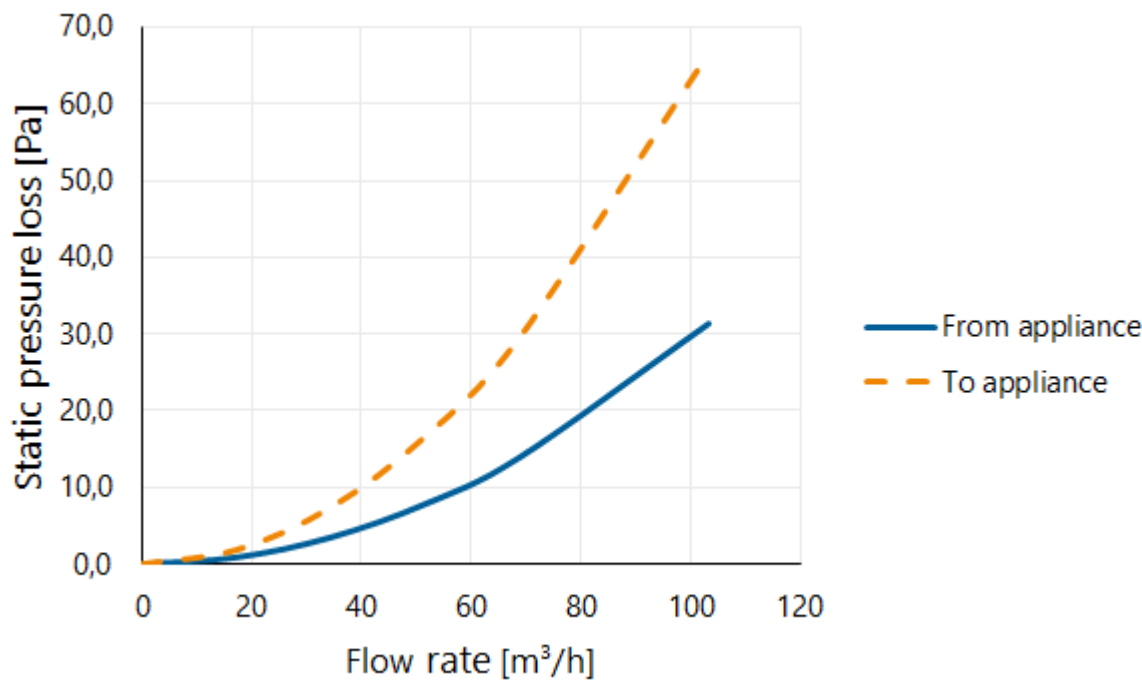
|                        |                |
|------------------------|----------------|
| Intended use           | Air            |
| Supply / Extract       | Supply/Extract |
| Temperature range (°C) | -25 / +80      |

Technical Specifications

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

Disc valve with valve connection 125 92 90° (400480616)

Pressure loss



Disc valve with valve connection 125 92 90° (400480616)

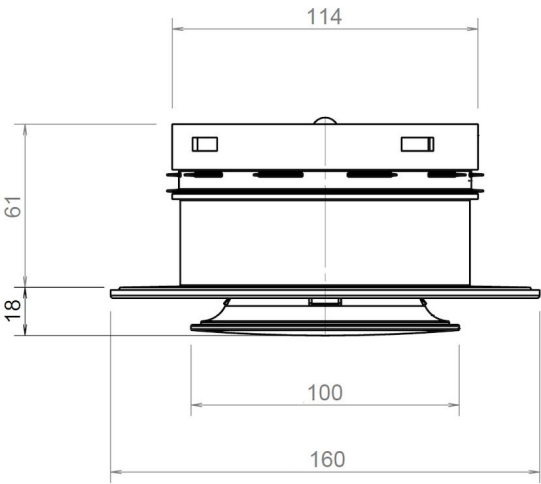
Flow velocity pressure table

| 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     | 0,9                  | 1,8          | 4,8                 |
| 2         | 34     | 10    | 3,5                  | 7,4          | 19,3                |
| 3         | 52     | 14    | 7,8                  | 16,6         | 43,3                |
| 4         | 69     | 19    | 13,9                 | 29,6         | 77,0                |
| 6         | 103    | 29    | 31,3                 | 66,6         | 173,3               |

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General information

Hybalans+ Supply/Extract air valve Conus



Specifications

|                  |           |
|------------------|-----------|
| Article number   | 400470414 |
| Product category | Air valve |
| Material         | PP        |
| Colour           | RAL-9016  |
| Weight (kg)      | 0,17      |

Dimensions

|                                |                |
|--------------------------------|----------------|
| Dimensions (l x w x h mm)      | 160 x 160 x 79 |
| Connection diameter rigid (mm) | 117-125        |

Application Insights

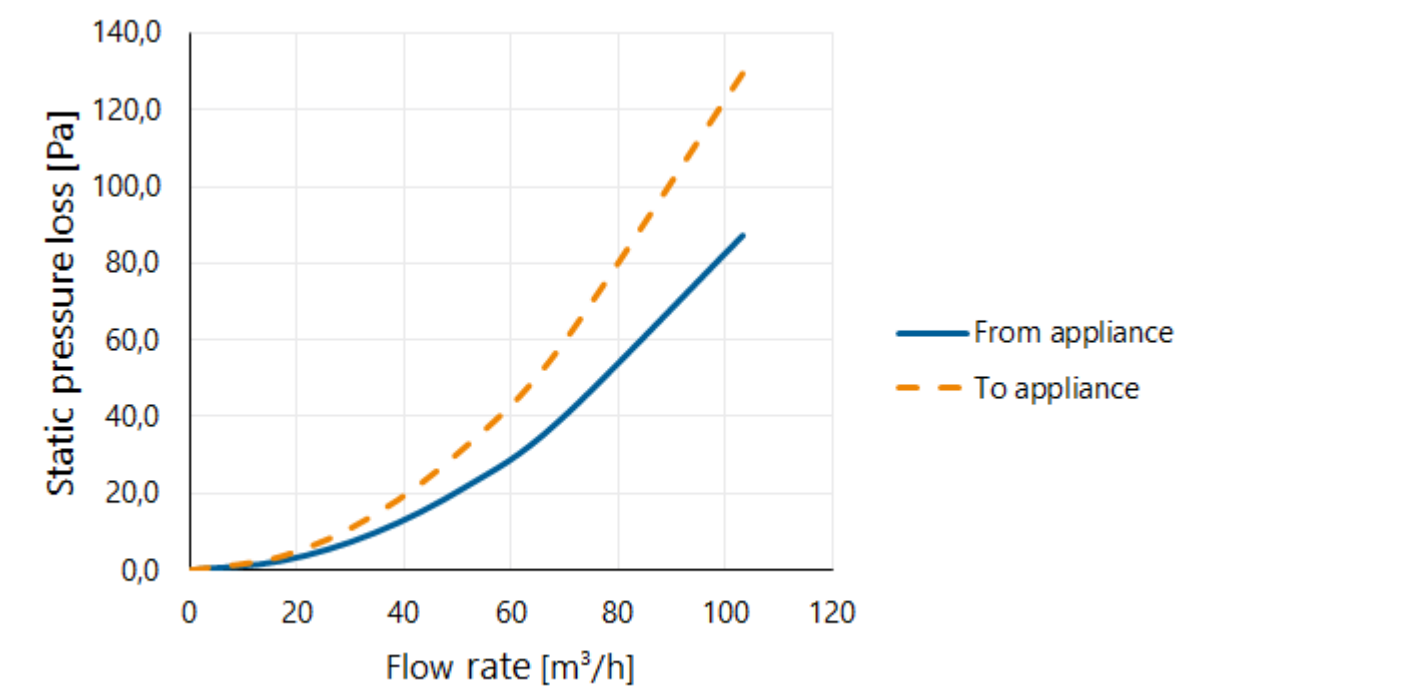
|                        |                |
|------------------------|----------------|
| Intended use           | Air            |
| Supply / Extract       | Supply/Extract |
| Temperature range (°C) | -25 / +80      |

Technical Specifications

|                         |      |
|-------------------------|------|
| Maximum air flow (m³/h) | 50   |
| ζ extract               | 5,99 |
| ζ supply                | 4,03 |
| Air Tightness Class     | 2    |
| R-value (m²K/W)         | 0    |
| Fire rating             | F    |
| Other specifications    | -    |

Cone valve with valve connection 125 92 90° (400480616)

Pressure loss



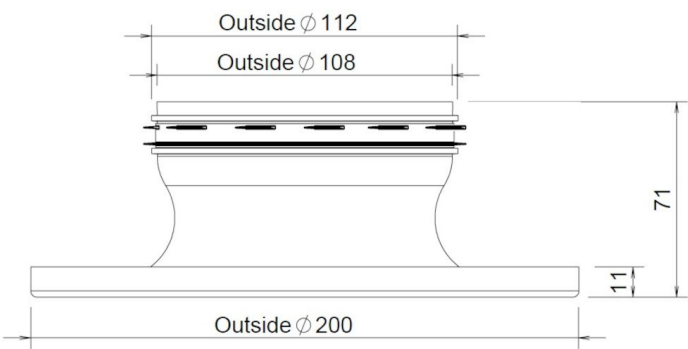
Cone valve with valve connection 125 92 90° (400480616)

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     | 2,4                  | 3,6          | 5,3                 |
| 2         | 34     | 10    | 9,7                  | 14,4         | 21,3                |
| 3         | 52     | 14    | 21,8                 | 32,4         | 48,0                |
| 4         | 69     | 19    | 38,7                 | 57,6         | 85,3                |
| 6         | 103    | 29    | 87,1                 | 129,5        | 191,9               |

General information

Hybalans+ Supply/Extract air valve Wave



Specifications

|                  |           |
|------------------|-----------|
| Article number   | 400470380 |
| Product category | Air valve |
| Material         | PP        |
| Colour           | RAL-9016  |
| Weight (kg)      | 0,27      |

Dimensions

|                                |                |
|--------------------------------|----------------|
| Dimensions (l x w x h mm)      | 200 x 200 x 71 |
| Connection diameter rigid (mm) | 117-125        |

Application Insights

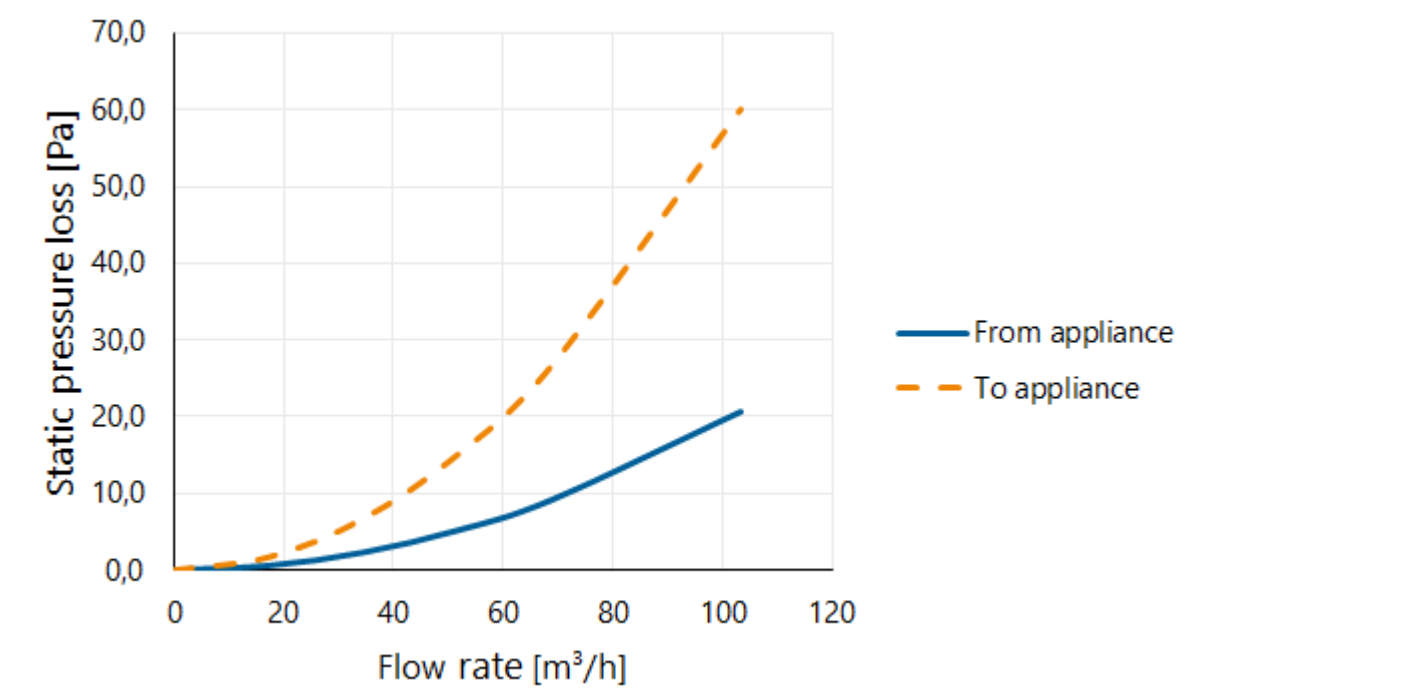
|                        |                |
|------------------------|----------------|
| Intended use           | Air            |
| Supply / Extract       | Supply/Extract |
| Temperature range (°C) | -25 / +80      |

Technical Specifications

|                         |      |
|-------------------------|------|
| Maximum air flow (m³/h) | 50   |
| ζ extract               | 2,80 |
| ζ supply                | 1,00 |
| Air Tightness Class     | 2    |
| R-value (m²K/W)         | 0    |
| Fire rating             | F    |
| Other specifications    | -    |

Wave valve with valve connection 125 92 90° (400480616)

Pressure loss



Wave valve with valve connection 125 92 90° (400480616)

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                  | 1,7          | 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               |

Version MG-DS-400470380-2021.10 • Specifications are subject to change without notice.