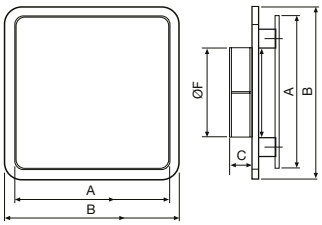
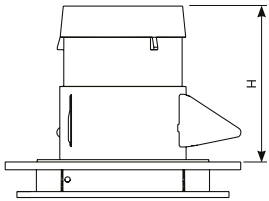
# BDOP – plastic anemostats universal




## Technical parameters

**BDOP plastic anemostats universal**

The universal plastic anemostats for air inlet and outlet have easily adjustable control leaves to regulate the flow and direction of air flow. The valves are supplied with an insert for easy installation in SDK ceilings. The plastic valves can be cleaned with mild solutions of non-aggressive detergents. BDOP valves are made of polypropylene, colour white in RAL 9003.

- for exhaust and supply air
- suitable for homes, offices, etc.
- possible colour combinations
- low pressure drop
- low noise level
- excellent adjustment parameters
- easy measurement of air flow
- possibility to install a constant flow controller

**Installation**

Anemostats are supplied with an insert that allows the valve to be fixed in the SDK ceiling. The valve with faceplate is inserted into the plasterboard insert and a flexible flexhead is fitted on the other side. The joint is fixed with steel or clamping tape.

**Measurement and control**

The regulation of the air flow direction is carried out by means of a control leaf. The valve can be adjusted in four directions. Air flow measurement is carried out by standard methods. See diagrams for more details.

| Type | A | B | C | Ø F | H |
|---|---|---|---|---|---|
| BDOP 80 | 136 | 151 | 20 | 80 | 100 |
| BDOP 100 | 185 | 205 | 30 | 100 | 150 |
| BDOP 125 | 185 | 205 | 30 | 125 | 100 |

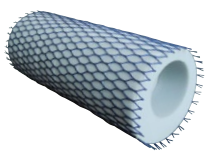
| Type | A | B | C | Ø F | H |
|---|---|---|---|---|---|
| BDOP 160 | 230 | 250 | 36.8 | 160 | 150 |
| BDOP 200 | 275 | 300 | 45.8 | 200 | 150 |

| BDOP 80 | levy | | inlet | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 closed flaps | | 0 closed flaps | | 1 closed flap | | 2 closed flaps | | 3 closed flaps | |
| Q [m³/h] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] |
| 15 | 2 | 24 | 1 | 23 | 2 | 24 | 3 | 24 | 8 | 24 |
| 30 | 6 | 24 | 3 | 23 | 5 | 24 | 11 | 24 | 30 | 26 |
| 45 | 12 | 25 | 7 | 24 | 11 | 25 | 23 | 27 | 66 | 35 |
| 60 | 21 | 27 | 12 | 26 | 20 | 28 | 40 | 34 | 117 | 44 |

| BDOP 100 | levy | | inlet | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 closed flaps | | 0 closed flaps | | 1 closed flap | | 2 closed flaps | | 3 closed flaps | |
| Q [m³/h] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] |
| 15 | 2 | <20 | 1 | <20 | 1 | 21 | 2 | 21 | 4 | 22 |
| 30 | 3 | 24 | 3 | 23 | 4 | 24 | 9 | 24 | 28 | 25 |
| 45 | 8 | 25 | 5 | 25 | 7 | 26 | 14 | 28 | 31 | 30 |
| 60 | 14 | 29 | 8 | 27 | 11 | 28/ | 22 | 30 | 58 | 35 |
| 75 | 29 | 31 | 12 | 29 | 18 | 31 | 36 | 35 | 99 | 44 |

| BDOP 125 | levy | | inlet | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 closed flaps | | 0 closed flaps | | 1 closed flap | | 2 closed flaps | | 3 closed flaps | |
| Q [m³/h] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] |
| 45 | 4 | 24 | 3 | 23 | 5 | 24 | 10 | 24 | 28 | 28 |
| 60 | 7 | 25 | 5 | 25 | 8 | 26 | 17 | 28 | 49 | 33 |
| 75 | 11 | 27 | 8 | 27 | 13 | 28 | 26 | 32 | 73 | 39 |
| 90 | 15 | 29 | 11 | 28 | 18 | 30 | 36 | 35 | 101 | 44 |
| 120 | 39 | 31 | 18 | 31 | 31 | 34 | 63 | 40 | | |
| 150 | 39 | 35 | 28 | 36 | 48 | 39 | 97 | 47 | | |

| BDOP 160 | levy | | inlet | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 0 closed flaps | | 0 closed flaps | | 1 closed flap | | 2 closed flaps | |
| Q [m³/h] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] |
| 120 | 13 | <20 | 9 | 23 | 15 | 21 | 30 | 32 |
| 150 | 18 | 24 | 12 | 26 | 18 | 28 | 35 | 37 |
| 180 | 26 | 29 | 18 | 32 | 27 | 33 | 50 | 42 |
| 200 | 32 | 32 | 22 | 34 | 33 | 37 | 62 | 44 |
| 210 | 35 | 33 | 24 | 36 | 36 | 38 | 69 | 46 |
| 240 | 45 | 37 | 31 | 40 | 47 | 42 | 91 | 49 |



SGD – telephone silencer, diameter 100, 125, 160

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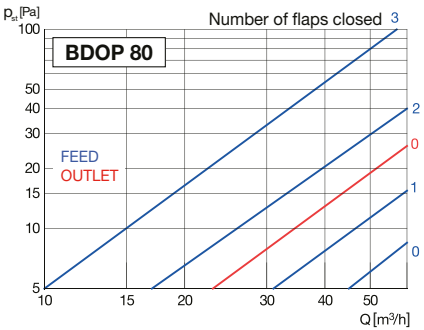
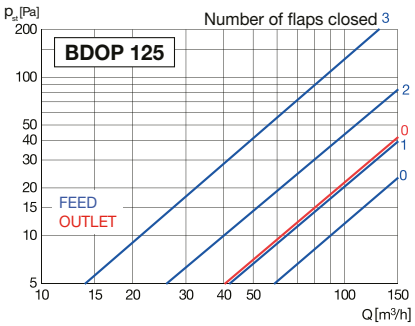
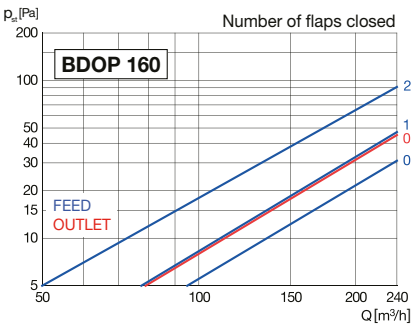
video

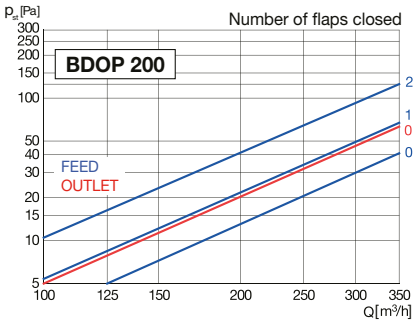
| BDOP 200 | levy 0 closed flaps | | inlet 0 closed flaps | | inlet 1 closed flap | | inlet 2 closed flaps | |
|---|---|---|---|---|---|---|---|---|
| Q [m³/h] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] | ΔP [Pa] | Lw [dB(A)] |
| 240 | 30 | 29 | 20 | 28 | 32 | 32 | 59 | 43 |
| 270 | 37 | 32 | 24 | 31 | 40 | 36 | 74 | 48 |
| 300 | 46 | 36 | 30 | 34 | 50 | 39 | | |
| 350 | 63 | 40 | 41 | 39 | 67 | 44 | | |

## Characteristics



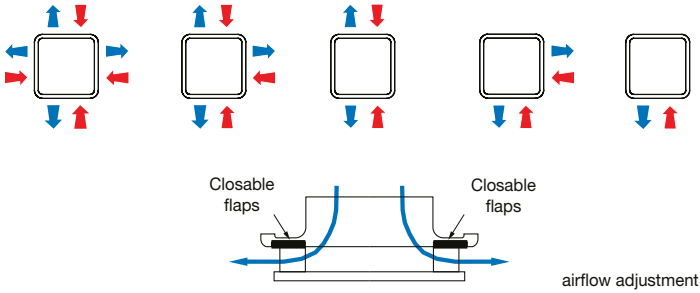




## Additional illustration

4 anemostat control sheets, possible to fit in reverse position for to clamp the airflow to the ceiling




airflow adjustment

7²

Colour variants on special order

BLACK GREY CHAMPAGNE GOLD BLUE SILVER IVORY RED MARBLE WHITE MARBLE BLACK