VSZ, VSA air valves

- For supply and exhaust air
- Installation in ceilings, walls and free-hanging
- Made of sheet steel, white powder-coated; installation subframe galvanized
- Volume flow rate continuously adjustable via the valve stroke
- Sizes DN 80 to DN 200
VSZ supply air valve

For installation in ceilings, walls and free-hanging applications. The air jet spread is radial all round. Made of sheet steel, powder-coated in RAL 9010 (white). With bayonet connection, galvanized installation subframe and circumferential gasket.

The volume flow rate is continuously adjusted via the rotatable valve disk, which can be locked with a lock nut.

Available sizes

<table>
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<tr>
<th>Size DN</th>
<th>80</th>
<th>100</th>
<th>125</th>
<th>160</th>
<th>200</th>
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</table>

Size DN 80

Size DN 100
VSZ supply air valve
Data sheet (2)

Size DN 125

Legend ⇒ see page 6
VSA exhaust air valve
Data sheet (1)

VSA air valve for exhaust air.
For installation in ceilings, walls and free-hanging applications. Made of sheet steel, powder-coated in RAL 9010 (white). With bayonet connection, galvanized installation subframe and circumferential gasket. The volume flow rate is continuously adjusted via the rotatable valve disk, which can be locked with a lock nut.

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<td>(ØE)</td>
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</table>

Size DN 80

Size DN 100
VSA exhaust air valve
Data sheet (2)

**Size DN 125**

**Size DN 160**

**Size DN 200**

Legend → see page 6
**Air valves**
Radial air jet path, legend

Radial air jet path for VSZ supply air valve
under a ceiling or on a wall

Legend:

- $V$ [l/s] or [m³/h] Volume flow rate
- $\Delta P_i$ [Pa] Total pressure loss
- $s$ [mm] Valve stroke
- $L_p$ [dB(A)] A-rated sound pressure level
- $L_{WA}$ [dB(A)] A-rated sound power level
- $L_{WA} = L_p + 4 \text{ dB}$
- $L_{0.2}$ [m] Air jet path for 0.2 m/s flow velocity

$L_{0.2}$ [m] = Air jet path for wall or ceiling air jet
with 0.2 m/s flow velocity
Air valves
Order data, tender texts

<table>
<thead>
<tr>
<th>Air valve</th>
<th>VS</th>
<th>Size DN</th>
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<td>Supply air</td>
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<tr>
<td>Exhaust air</td>
<td>A</td>
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</tbody>
</table>

### for VSZ:
Air valve for supply air. For installation in ceilings, walls and free-hanging applications. The air jet spread is radial all round. Made of sheet steel, powder-coated in RAL 9010 (white). With bayonet connection, galvanized installation subframe and circumferential gasket.

The volume flow rate is continuously adjusted via the rotatable valve disk, which can be locked with a lock nut.

### for VSA:
Air valve for exhaust air. For installation in ceilings, walls and free-hanging applications. Made of sheet steel, powder-coated in RAL 9010 (white). With bayonet connection, galvanized installation subframe and circumferential gasket.

The volume flow rate is continuously adjusted via the rotatable valve disk, which can be locked with a lock nut.

| pc(s) | Volume flow rate: | m³/h | Pressure loss: | Pa | Sound pressure level | dB(A) | Manufacturer: | WILDEBOER® | Type: | VSZ / VSA | Size | deliver: | assemble: |
INNOVATIVE • PRACTICAL • ECONOMICAL

MAKE USE OF OUR STRENGTHS!

Air distribution  Fire protection  Noise protection  Building control systems