



## Bacterial Air Vents

### Description

#### Economical, Disposable Depth Filter for Venting Applications

- ▶ Economical and convenient depth filter for venting applications
- ▶ Hydrophobic media allows air and gasses to pass freely while blocking aqueous fluid and aerosol contaminants



### Application

- ▶ Use as a vent device for receiving vessels and small isolation or environmental chambers
- ▶ Recommended for small-volume venting and degassing

### Specifications

#### Materials of Construction

- ▶ Filter Media: Hydrophobic glass laminate (polyester/glass fiber/polyester)
- ▶ Housing: Polypropylene

#### Effective Filtration Area

- ▶ 7.5 cm<sup>2</sup>

#### Dimensions

- ▶ Overall Length: 5.3 cm (2.1 in.)
- ▶ Diameter: 4.5 cm (1.8 in.)

#### Inlet/Outlet Connections

- ▶ Stepped hose barbs, 6.4 - 9.5 mm (1/4 - 3/8 in.)

#### Maximum Operating Temperature

- ▶ 121 °C (250 °F) at 1.0 bar (100 kPa, 15 psi)

#### Maximum Operating Pressure

- ▶ 5.2 bar (520 kPa, 75 psi) at ambient temperatures

#### Typical Air Flow Rate

- ▶ 40 L/min at 0.4 bar (40 kPa, 5.5 psi)

#### Typical Aerosol Retention<sup>1</sup>

- ▶ 99.97% 0.3 µm (aerosolized DOP) at 32 L/min/100 cm<sup>2</sup>

#### Sterilization

- ▶ PN 4210: Provided non-sterile. Autoclavable if desired at 121 - 123 °C (250 - 253 °F) for a maximum of 15 min.
- ▶ PN 4308: Sterilized by gamma irradiation.

<sup>1</sup>Following ASTM D 2986-95A

### Ordering Information

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<b>Part Number</b>	<b>Description</b>	<b>Pkg</b>	<b>Price</b>	<b>Qty</b>
<b>Bacterial Air Vents</b>				
4210	1 µm (nominal), 37 mm	24/pkg	NA	<input type="text" value="0"/>
4308	1 µm (nominal), 37 mm, sterile	10/pkg	NA	<input type="text" value="0"/>

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## Contact Information

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