



# PRODUCT SPECIFICATION

<b>Part Name / 产品型号</b>	Plastic Screw Protective Vent
<b>Voir P/N / 沃瑞编码</b>	VV-POVM08P3A-D10
<b>Customer / 客户型号</b>	
<b>Customer P/N / 客户料号</b>	
<b>Issue Date / 发布日期</b>	2015-3-26

<b>Checked / 审核</b>	<b>Prepared / 制作</b>
<b>Li Zuo jun</b>	<b>Zeng Zhi</b>
<b>Customer Approve / 客户核准</b>	
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Component	
Body	PC
Membrane	E-PTFE
Ring	Silicone
Parameter	
Airflow	134ml/min at $\Delta p=1.25\text{mbar}$
WEP	>40Kpa
Temperature	-40°C ~ 125°C
IP Rate	IP68



M08P3A protective vent, M08\*1.0 threaded, is made of PC with microporous structure e-PTFE membrane welded inside the body to make it liquid barrier while being air permeable. It is ROHS compliant with strong UV/ salt fog resistance. After tests, it reaches IP68 and wide range of application.

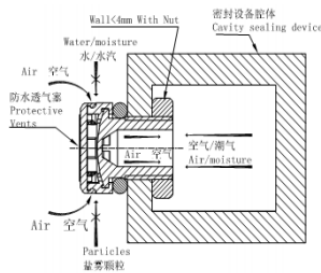
**Application:**

Applicable for industrial dust-collector and packing container, cosmetic and medicine industrial, household application, LED, communication equipment, solar equipment and automotive components. Not applicable for highly corrosive and acid-base environment

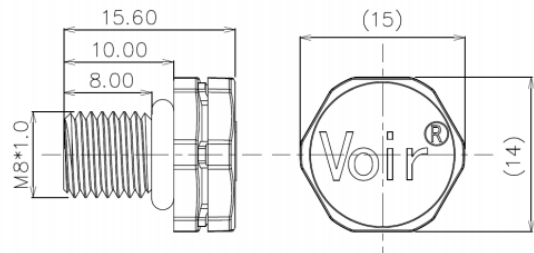
**Benefits to Outdoor Equipment**

1. Vents in high airflow to balance the pressure and lower down tension for sealing stripe.
2. With the hydrophobic and oleophobic membrane inserted inside the anodized aluminum body, the vent plug becomes chemically inner and UV-resistant.
3. Press-fit installation and the silica sealing ring can both help in enhancing the airtightness.

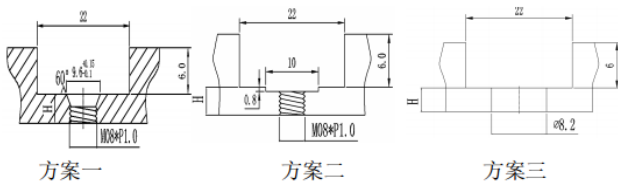
**Practical Principle**



**Detailed Spec.**



**Installation Suggestion**



**Specification**

SKU#	Material	Diameter/mm	Airflow/WEP
VV POVM08 P3A-D10	PC	M08*1.0	A/P: 134ml/min @1.25mbar WEP: >40kpa

H-housing thickness,  $\phi$ -hole diameter; torsion: 0.9N/m

1. When  $H > 3\text{mm}$ , it is suggested to drill a M08\*1.0 threaded hole. Chamfer is need for O-ring, please refer to Suggestion 1

2. When  $H < 3\text{mm}$ , it is suggested to drill a  $\phi 8.2\text{mm}$  straight hole and lock with nut. Chamfer is not needed for Flat-ring, please refer to Suggestion 2

**Customization:** VoirTech's protective vents can be customized to match your products in spec., color, property and even provide specific solution. For more information, please contact us.