



# PRODUCT SPECIFICATION

## 产品规格书

<b>Part Name / 产品型号</b>	Screw-in Plastic Protective Vent Plug
<b>Voir P/N / 沃瑞编码</b>	VV-POVM10P3A-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>	2015-12-04

<b>Checked / 审核</b>	<b>Prepared / 制作</b>
<b>Li zuo jun</b>	<b>Chen ming</b>
<b>Customer Approve / 客户核准</b>	
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Component	
Main Body	PC
Membrane	e-PTFE
Sealing ring	Silica
Parameters	
Airflow	144.4ml/min at $\Delta p=1.25\text{mbar}$
WIP	>40Kpa
Temperature range	-40°C ~ 125°C
Protective Rate	IP68



**Specification:**

Metric M10\*1.0mm PC screw vent plug reaches IP67 protective rate and conforms with RoHS certificate after test and inspection. With e-PTFE membrane inserted inside, it performs a very good resistance of UV and salt fog with a wide application.

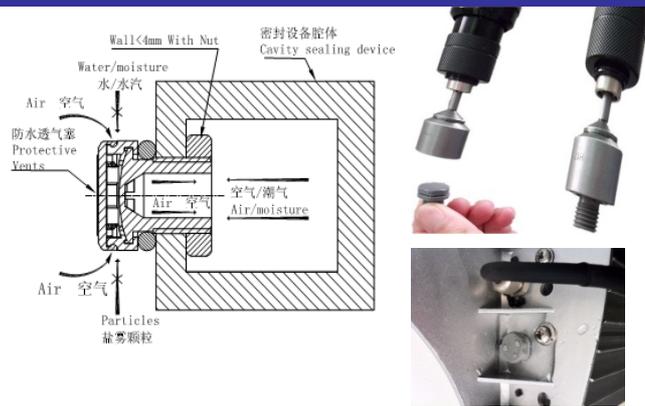
**Application**

It can be applied to industrial dust collector, chemicals packing industry, bleacher, household commodity, LED, telecommunication equipment, solar equipment and automotive industry. This product cannot be applied to highly corrosive or acid-based environment.

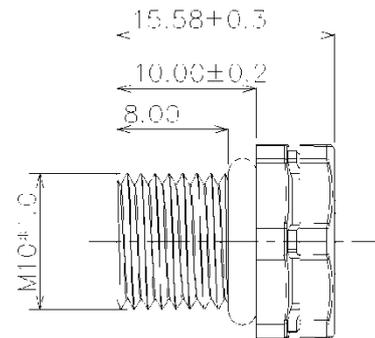
**Benefit for Outdoor Equipment**

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. Screw-in installation and the silica sealing ring can both help in enhancing the air tightness.

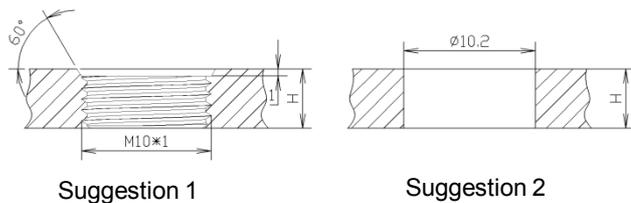
**Practical Principle**



**Detailed Spec.**



**Installation suggestion**



**Specification**

Item	Material	Spec. /mm	Property
VV-POVM10P3A-D10	PC	M10*1.0	144.4ml/min at $\Delta p=1.25\text{mbar}$ >40Kpa

**Installation Suggestion :**

- 1.H-Thickness of the housing;  $\phi$ -diameter of the straight hole.
- 2、When the housing thickness is >3mm, it is suggested punching M10\*1.0 threaded hole and use silicone O-ring to seal the entrance. Please refer to Suggestion 1
3. When the housing thickness is  $\leq 3\text{mm}$ , it is suggested punching  $\phi 10.2\text{mm}$  straight hole and lock with nut. Flat silicone ring would seal the entrance. 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.