



**Product**

ZERO001 - Zero - Anti-Freeze Valve 1" Male  
 ZERO114 - Zero - Anti-Freeze Valve 1 1/4" Male  
 ZERO28 - Zero - Anti-Freeze Valve 28mm

**Technical Specification**

|   |   |
|---|---|
| <b>Max Inlet Pressure (static):</b>     | <b>10 Bar</b>   |
| <b>Medium:</b>                          | <b>Water</b>  |
| <b>Sensitivity:</b>                     | <b>+/-1°C</b>   |
| <b>Opening Temperature:</b>             | <b>3°C</b>  |
| <b>Closing Temperature:</b>             | <b>4°C</b>  |
| <b>Working Temperature Range:</b>       | <b>0 - 65°C</b>   |
| <b>Ambient Temperature Range:</b>       | <b>-30 - 60°C</b>   |
| <b>Max Discharge Flow Rate @ 3 Bar:</b> | <b>1.5 L/H</b>  |
| <b>Kv:</b>                              | <b>28mm - 64m<sup>3</sup>/h<br/>G1" - 55m<sup>3</sup>/h<br/>G1 1/4" - 70m<sup>3</sup>/h</b> |
| <b>Valve Body:</b>                      | <b>UNI EN 12165 CW617N</b>  |
| <b>Spring:</b>                          | <b>Stainless Steel</b>  |
| <b>Internal Seals:</b>                  | <b>EPDM PEROX</b>   |
| <b>Internal Parts:</b>                  | <b>UNI EN 12164 CW617N</b>  |

**Operation**

*The Inta Zero is a unique antifreeze valve designed and engineered to protect heat pump systems that are operating with water.*

*Designed to discharge when the system water temperature drops to 3°C, preventing ice from forming in the heat pump circuit that could cause breakdown or costly damage to the system.*

