

# Series W-PQ21X-16P

Stainless Steel Air Vent Valve

## Technical Data Sheet



Further  
Information

**WATTS**<sup>®</sup>

## Description

Essential for thermal performance and flow stability, this stainless-steel air vent is engineered for closed-loop cooling circuits, allowing air to be discharged from high points within the system. Its stainless-steel construction ensures compatibility with glycol-based coolants and makes it suitable for installation throughout the liquid cooling system, including CDUs and server cabinet manifolds.

**Size:** DN10-DN25

**Media:** water, ≤50% ethylene glycol\*

### Features

- Lever-type sealing mechanism
- Compact and lightweight design
- Available with top or side venting options
- Optional automatic shut-off sealing valve

\*Note: For usage with other media including oil or gas, please contact us.



Figure 1  
Series W-PQ21X-16P SS Air Vent

## Product Codes

Part	Type	DN/Size	Description
61080025	W-PQ21X-16P	DN10	SS air-vent G3/8
61080026	W-PQ21X-16P	DN15	SS air-vent G1/2
61080027	W-PQ21X-16P	DN20	SS air-vent G3/4
61080028	W-PQ21X-16P	DN25	SS air-vent G1

## Materials

Component	Material
Body	Stainless steel
Seal	EPDM/FKM
Bonnet	Stainless steel
Float	PP

## Technical Data

- Nominal diameter: DN10~DN25
- Nominal pressure: PN16
- Temperature range: -20°C~110°C
- Medium: water, ≤50% ethylene glycol\*
- Connection standard: Thread
- Connection standard: GB/T 7307 ISO 228-1
- Test standard: GB/T 13927 EN12266-1

Note: For usage with other media including oil or gas, please contact us.

## Operating Principles

1. Confirm that system operating parameters are compatible with the valve's rated specifications.
2. Installation must be performed by trained, qualified personnel.
3. Install the valve at system high points or locations where air is likely to collect.
4. Mount the valve in a vertical position to ensure proper float operation.
5. It is recommended to pair with an isolation valve for easier maintenance.
6. Ensure connections use standard-compliant interfaces.
7. After installation, loosen the end cap by at least two full turns to activate venting function.

## Installation Dimensions

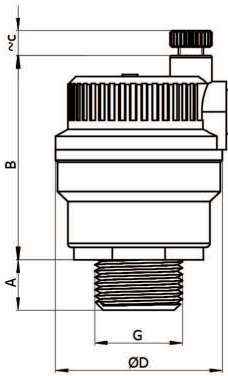


Figure 2: W-PQ21X-16P  
SS Air Vent – DN10-15

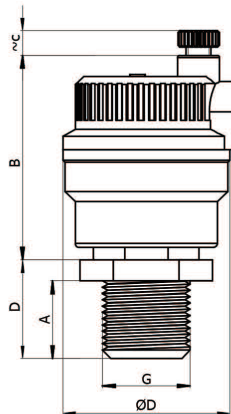


Figure 3: W-PQ21X-16P  
SS Air Vent - DN20-25

### W-PQ21X-16P

DN	G	A	B	C	D	φD
10	3/8"	10	49	7	/	40
15	1/2"	12	49	7	/	40
20	3/4"	18.5	49	7	23.5	40
25	1"	18.5	49	7	23.5	40

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**Watts Benelux**

Beernemsteenweg 77A • 8750 Wingene • België  
Bezoekadres NL: Kollergang 14 • 6961 LZ Eerbeek • Nederland  
Tel. BE +32 51 65 87 08 • Tel. NL +31 313 673 700  
[benelux@wattswater.com](mailto:benelux@wattswater.com) • [www.watts.com](http://www.watts.com)