



DAVINCI TECHNICAL DATA GUIDE

# AUTOMATIC CONTROL VALVES

## AIR RELEASE VALVES

Ref. 177A-PLA / PN 16



### Application

Clean and pre-treated water  
Fire protection systems  
Irrigation networks  
Cooling water circuits  
HVAC installations

### Approvals/Standards

Mounting thread NPT / BSPT.  
Pressure Tests acc. to EN 12266-1 Rate A. GB/T13927-1992  
Pressure Tests: Seat: 1,1 x PN  
EU directive 2014/68/EU:  
Products excluded, article 1, § 2b up to DN200.

### Certifications

CE, WRAS

### Range

DN15-25, PN16



## GENERAL CHARACTERISTICS

Sizes DN15 to DN25.  
Compact design.  
Stainless steel float.  
WRAS certificate for drinking water (rubber and paint).

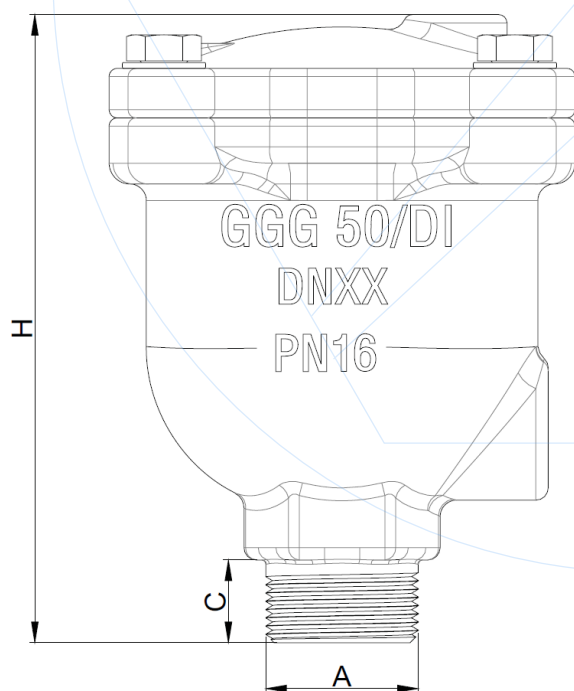
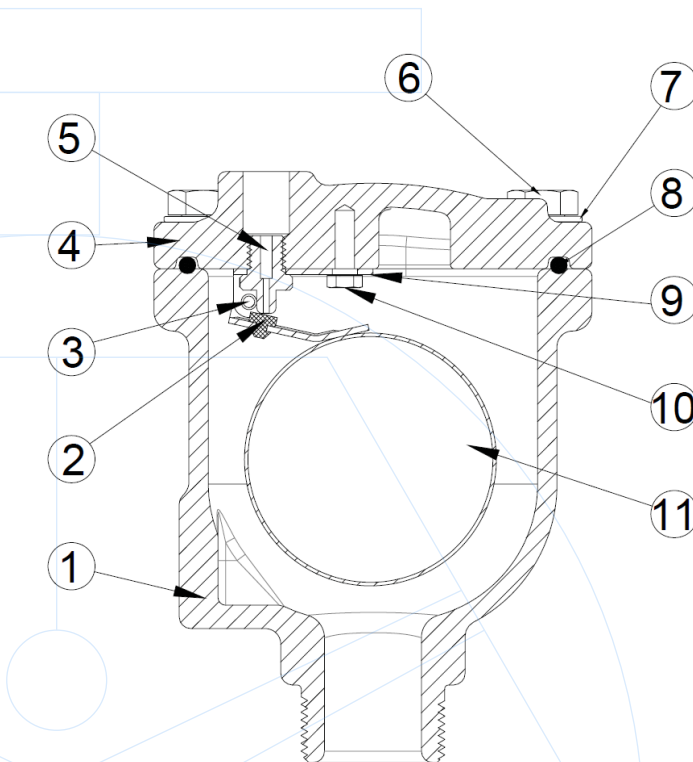
## WORKING CONDITIONS

Pressure ratings: Up to 1.6 Mpa.  
Working temperature: -10°C + 100°C.  
Flow media: Clean water.



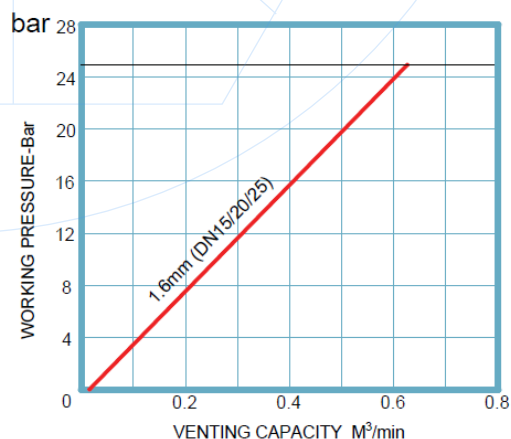
| Nº                | ITEM          | MATERIAL     |
|-------------------|---------------|--------------|
| 1                 | Body          | GJS500-7     |
| 2                 | Seat          | EPDM / NBR   |
| 3                 | Pin           | AISI 304     |
| 4                 | Bonnet        | GJS500-7     |
| 5                 | Small nozzle  | AISI 304     |
| 6                 | Hex bolt      | AISI 304     |
| 7                 | Washer        | AISI 304     |
| 8                 | O-ring        | NBR          |
| 9                 | Support plate | AISI 304     |
| 10                | Hex bolt      | AISI 304     |
| 11                | Float         | AISI 304     |
| RAL 5015 Painting |               | Epoxy 250 µm |

Components may be replaced with materials of equivalent or superior grade without prior notice, in accordance with our continuous improvement policy.



| DN | A      | C  | H   | Weight (kg) |
|----|--------|----|-----|-------------|
| 15 | G 1/2" | 20 | 152 | 2           |
| 20 | G 3/4" | 20 | 152 | 2           |
| 25 | G 1"   | 20 | 152 | 2           |

## AIR RELEASE DURING WORKING CONDITIONS





CONTACT US

# DAVINCI VALVES ORDER REQUEST

Ref. 177A-PLA / PN 16



## Head Office CHENGDU

Room 3208 Unit 1 Building 1,  
No. 6 Zhiquan Section, Dongda Street  
Jinjiang District, Chengdu, Sichuan  
CHINA

+86 17340168233 +86 19302892712  
[valves@davincivalves.com](mailto:valves@davincivalves.com)

Europe Office MADRID  
SPAIN

[zuzana@davincivalves.com](mailto:zuzana@davincivalves.com)

## WEBSITE

[davincivalves.com](http://davincivalves.com)

YOUR QUALITY WATER PROJECTS PARTNER  
For professionals who look for more.