

## Series 9D

### Dual Check Valve with Intermediate Atmospheric Vent

#### Size: DN15-DN20

Series 9D is specially made for smaller supply lines and ideally suited for laboratory equipment, processing tanks, sterilizers, dairy equipment and similar applications. It is particularly recommended for boiler feed lines to prevent backflow when supply pressure falls below system pressure.

Series 9D is suitable for use on hot or cold water and can be used under continuous pressure. It features a primary check valve utilizing a rubber disc seating against a mating rubber part to ensure tight closing. A secondary check valve utilizes a rubber disc-to-metal seating. In the event of fouling of the downstream check valve, leakage would be vented to atmosphere through the vent port there by safeguarding the potable water system.

Construction is brass body with stainless steel working parts, in tegral strainer and durable rubber discs. Female union inlet and outlet connections. Sizes 15mm and 20mm. Drain is 15mm.

#### Features

- True line-sized construction allows the check modules to open further allowing dirt and debris to pass more freely reducing check fouling
- Stainless steel internal parts
- Maximum flow at low pressure drop
- Compact for economy combined with performance
- Design simplicity for easy maintenance
- Can be installed vertically or horizontally

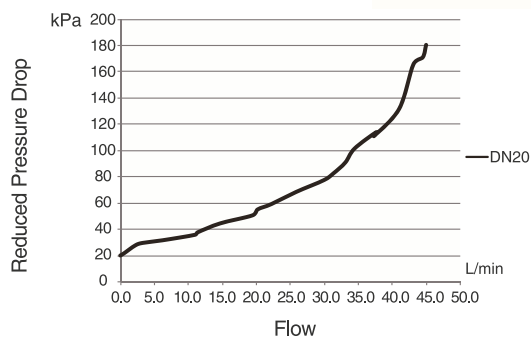
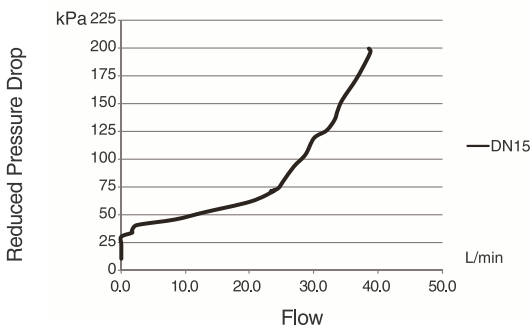
#### Material

Component	Material
Body	Brass
Internal Parts	Stainless Steel
Check Valve Assemblies	Rubber

#### Installation Dimensions

Size		A	B	E	E1	Weight kg.
in.	mm	mm	mm	mm	mm	
1/2	15	125	65	49	65	0.68
3/4	20	114	65	49	65	0.79

#### Characteristic Curves



#### Specification

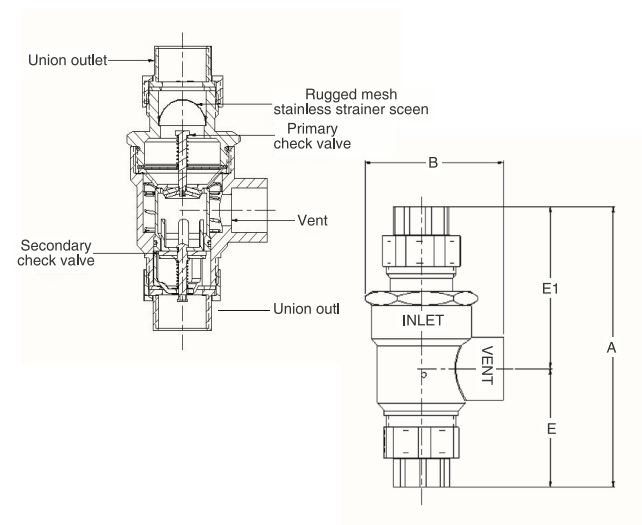
- Connection Standard: AS/NZS 2845.1
- Connection Type: BSP Female Thread
- Working Medium: Non corrosive liquids

#### Approvals



#### Pressure-Temperature

- Temperature Range 0.5°C-121°C
- Maximum Working Pressure: 1210kPa
- Minimum Required Pressure: 172kPa



## Typical Installation

Model 9D Dual Check Valve with Intermediate Atmospheric Vent should be installed with adequate clearance and easy accessibility for testing and maintenance and must be protected from freezing. Local codes shall govern installation requirements.

Fittings such as end connectors intended to join alternative pipe systems made from other materials (e.g. plastics) shall also conform to the relevant dimensional and performance requirements of the appropriate Australian, New Zealand, or joint Australian/New Zealand Standard for the alternative pipe system.

Test the assembly at initial installation, after servicing or maintenance to AS/NZS2845.3 and local regulatory authority requirements.