



TRIO VALVE



CATALOGUE NUMBERS

Model	Catalogue Number
Trio Valve 15 mm Female BSP	BVNRIS501
Trio Valve 20 mm Female BSP	BVNRIS701

DESCRIPTION

HYDROBOSS Trio Valves combine the mandatory functions of isolating valve and non-return valve for the installation of pressurized water heaters, with the additional protection of an integral strainer.

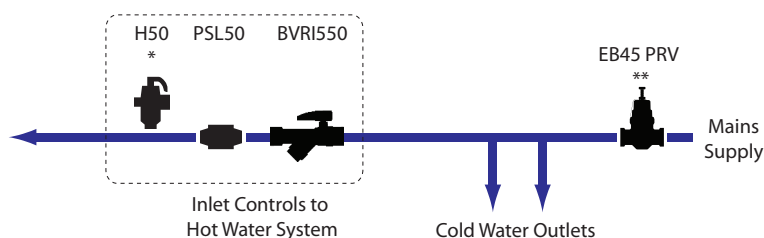
HYDROBOSS Trio Valves prevent the backflow of water from a water heater to the mains line. This serves the dual purpose of protecting the mains supply from contamination and the loss of water that has already been heated. The isolating valve component, in the form of a ball valve, is useful as a means of controlling inlet water supply to unvented storage water heaters. The integrated strainer provides additional protection to the valve components and other valves and devices in the system.

HYDROBOSS Trio Valves are available in 15 mm and 20mm configurations.

APPLICATION

HYDROBOSS Trio Valves offer non-return and isolating functions with integrated strainer protection in a single valve. HYDROBOSS Trio Valves are suitable for use on water heater systems or wherever these three combined function are required.

HYDROBOSS Trio Valve Installation (As part of an Inlet Control Group)



* Drain line must comply with AS3500

** Some states mandate pressure reduction at the mains supply to a domestic installation. Check with your local water authority to ensure compliance.

FEATURES

- Integral construction of non-return valve, isolating valve and strainer
- One piece unit for tidy, simple and economical installation
- No intermediary joins or fittings
- Less opportunity for leaks and faults
- Tamper-proof non-return valve offers non-return protection for the life of the valve
- Separate service access for the strainer
- Quick cleaning and servicing of the strainer
- Ball valve construction of the isolating function
- Smooth and secure action when isolating water supply
- Dezincification resistant
- Meets Australian Standard for potable water supply
- Suitable for horizontal or vertical installation
- Valve designed to work effectively in either orientation

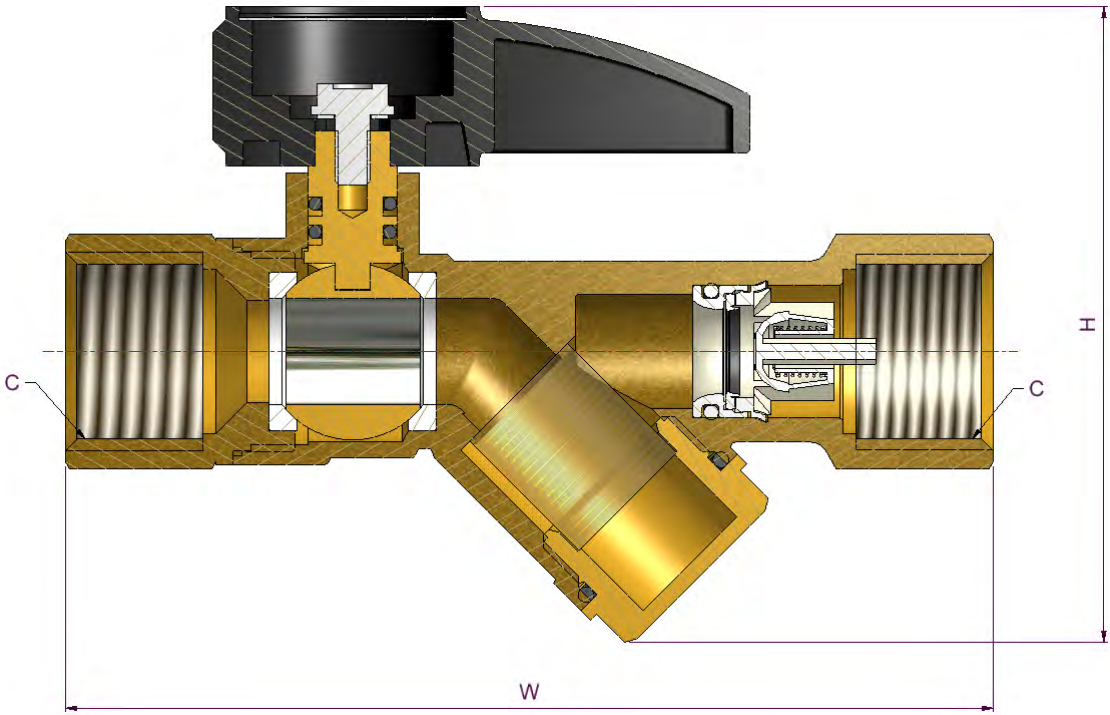
TRIO VALVE

MATERIALS

Body:	Forged Brass
Ball Seat:	PTFE
Ball and Stem:	Brass
O-ring:	Nitrile
Check Valve:	Acetal
Strainer:	Stainless Steel
Handle:	UV Stabilised Glass- fiber Reinforced Nylon

PRODUCT SPECIFICATIONS

Maximum Supply Pressure:	1400kPa
Maximum Supply Temperature: (Peak Temperature)	93 °C
Continuous Service Temperature:	65 °C
Fluid Medium:	Water only



Model	Width (W)	Height (H)	Connection (C)
Trio Valve 15 mm Female BSP	105	72	Rp 1/2
Trio Valve 20 mm Female BSP	126	87	Rp 3/4

DUO VALVE



CATALOGUE NUMBERS

Model	Catalogue Number
Duo Valve 15mm Female BSP	BVNI501
Duo Valve 15mm Internal Flare	BVNIA501
Duo Valve 15mm Male Compression	BVNIC501
Duo Valve 20mm Female BSP	BVNI701
Duo Valve 20mm Male Compression	BVNIC701

DESCRIPTION

HYDROBOSS Duo Valves combine the mandatory functions of isolating valve and non-return valves for the installation of pressurised water heaters.

HYDROBOSS Duo valves prevent the backflow of water from a water heater to the mains line. This serves the dual purpose of protecting the mains supply from contamination, and the loss of water that has already been heated. The isolating valve component is useful as a means of controlling inlet water supply to unvented storage water heaters.

HYDROBOSS Duo valves are available in 15 mm and 20 mm configurations.

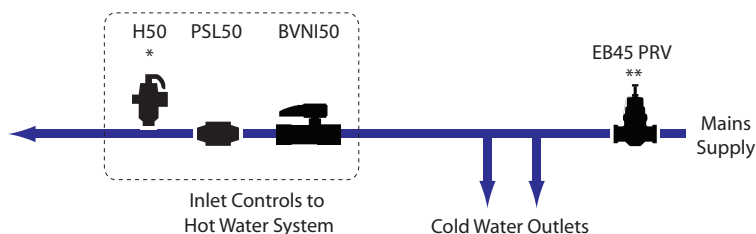
APPLICATION

HYDROBOSS Duo Valves offer both non-return and isolating functions in a single valve. HYDROBOSS Duo Valves are suitable for use on water heater systems or wherever both non-return and isolating functions are required.

FEATURES

- Integral construction of non-return valve and isolating valve
- One piece unit for tidy, simple and economical installation
- No intermediate joins or fittings
- Less opportunity for leaks and faults
- Tamper-proof non-return valve
- Offers non-return protection for the life of the valve
- Optional in-line strainer
- Smooth and secure action when isolating water supply
- Ball valve construction of the isolating function
- Dezincification resistant
- Meets Australian Standard for potable water supply
- Suitable for horizontal or vertical installation
- Valve designed to work effectively in either orientation

HYDROBOSS Duo Valve Installation (As part of an Inlet Control Group)



* Drain line must comply with AS3500

** Some states mandate pressure reduction at the mains supply to a domestic installation. Check with your local water authority to ensure compliance.

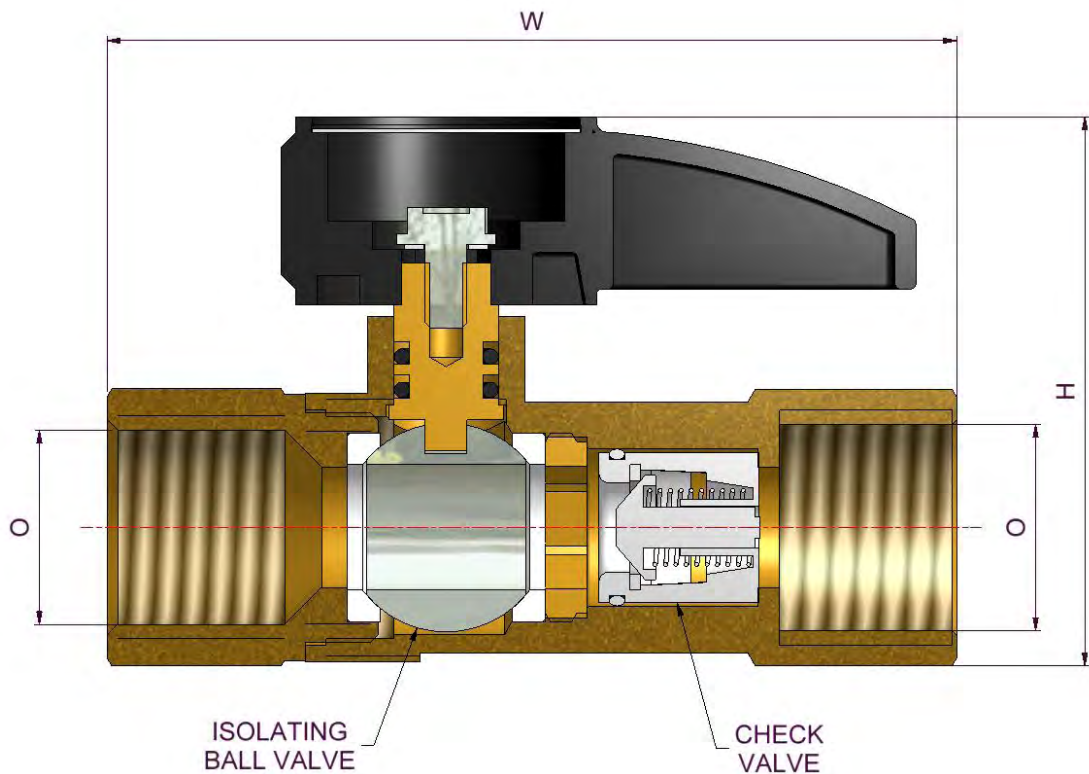
DUO VALVE

MATERIALS

Body:	Forged Brass
Ball Seat:	PTFE
Ball and Stem:	Brass
O-ring:	Nitrile
Check Valve:	Acetal
Handle:	UV Stabilised Glass-fiber Reinforced Nylon

PRODUCT SPECIFICATIONS

Maximum Supply Pressure:	1400kPa
Maximum Supply Temperature: (Peak Temperature)	93 °C
Continuous Service Temperature:	65 °C
Fluid Medium:	Water only



Model	Width (W)	Height (H)	Connection (C)
Duo Valve 15mm Female Pipe Thread	81	52	Rp1/2
Duo Valve 15mm Internal Flare	95	52	DN15Cn Flared
Duo Valve 15mm Male Compression	102	52	DN15Cn
Duo Valve 20mm Female Pipe Thread	96	60	Rp3/4
Duo Valve 20mm Male Compression	107	60	DN20Cn