

3450 Combination Boiler Feed Valve & Backflow

The integral design of the Taco 3450 Combi Valve combines a cartridge style backflow preventer with a pressure regulating cartridge style boiler feed valve into a unique one piece body configuration. Taco's 3450 combination dual check backflow with atmospheric vent and boiler feed valve with purge auto-reset, dial in pressure setting and adjustable indicator sets a new standard for performance and serviceability.



Submittal Data Information 3450 Combination Boiler Feed Valve & Backflow

Submittal Data # 101-168

Effective: 10/01/15

Supersedes: 09/01/15

Features

Auto Reset from Fast Fill
ASSE 1081-2014
Simple Pressure Adjustment
Servicable Cartridge for both the Backflow and Feed Valve
Adjustable 360 View of Pressure Indicator
Large Adjustment Range
Serviceable without draining the system
One Piece Body Construction
Stainless Steel Strainer

Performance

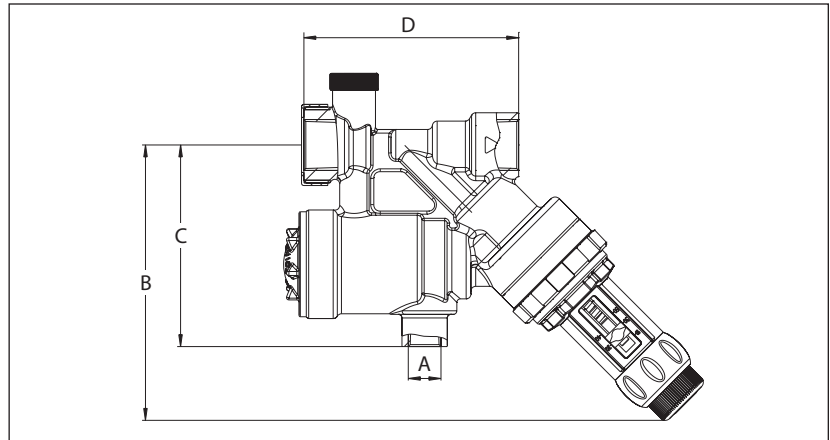
Max. Inlet Pressure: 150 psi (10.3 Bar)
Min. Delta P Inlet to Outlet 15 psi (1 Bar)
Recommended Setting Range: 10-50 psi
+/-3 psi
(7-3.4 bar)
Factory Setting: 12psi (.8)
Adjustment Capability: 8.5 - 65 psi
(.6-4.5 bar)
Max. Flow Rate: 25 gpm
(8 ft / sec)
95 l/m
Max. Temperature: 210°F (99°C)

Materials of Construction

Body: Forged Brass
Cartridge Components: Brass, EPDM,
Hi-Temp
Engineered
Plastics and
Stainless Steel
Gaskets: EPDM

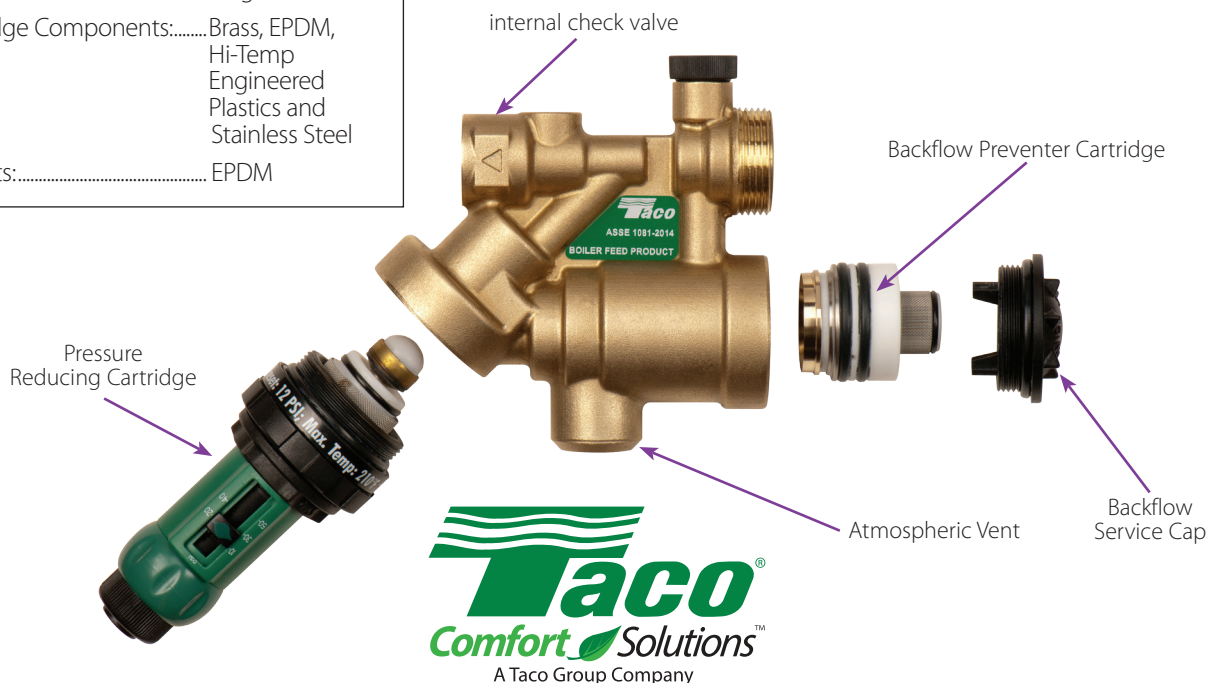
Application:

The integral design of the Taco 3450 Combi Valve combines a cartridge style backflow preventer with a cartridge style feed valve into a unique one piece body configuration. Designed for use in hydronic heating systems the dual check backflow prevents heating system water from flowing back into the supply water piping if the supply pressure falls below the heating system pressure. The boiler feed valve automatically fills or refills (make-up water) the closed heating system to the desired cold fill pressure. Both the backflow and the feed valve contain cartridges that can be serviced or replaced without draining the entire heating system.



Dimensions: (FOR REFERENCE PURPOSES)

Model Number	Description	A	B		C		D	
		in.	in.	mm	in.	mm	in.	mm
3450	1/2" NPT x 1/2" Union Sweat	1/4 NPT	4-1/2	114.3	3-1/4	82.6	3-1/2	88.9
3450-T	1/2" NPT x 1/2" Union NPT	1/4 NPT	4-1/2	114.3	3-1/4	82.6	3-1/2	88.9



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