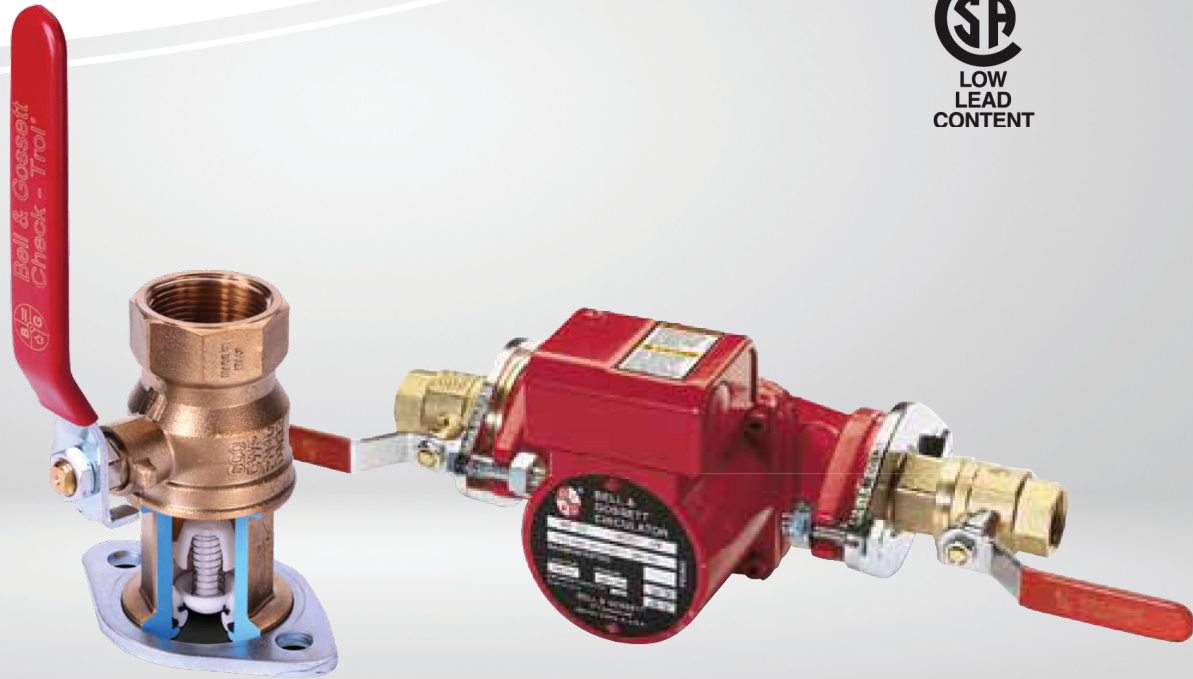
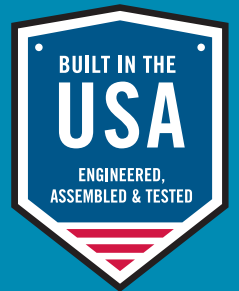




Check-Trol[®]

ISOLATION FLOW CONTROL FLANGE



Three features in one valve

Check-Trol® is the solution for circulator installations. Installing a Check-Trol on the discharge of the circulator gives you the features of a Flow Control Valve, Isolation Valve and Companion Flange. Another advantage of the Check-Trol is the minimal pressure drop, especially when compared to the losses that can be experienced when a check valve is installed internal to the circulator.

The Check-Trol flanges are packaged with an isolation flange of the same size to create a pair. Capscrews and nuts are included.

Flow Control Valve

Prevents gravity circulation and flow in the wrong direction.

Isolation Valve

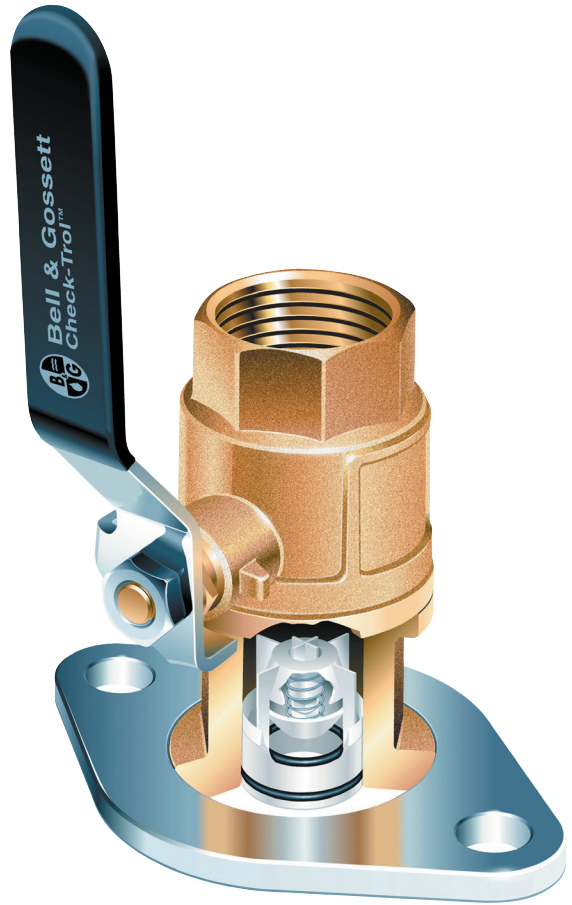
Allows for servicing or replacement of the circulator without draining the system.

Companion Flange

Free-floating companion flanges allow easy

Can be used with most circulators, including ecocirc® 20-18, ecocirc XL, NRF/NBF/SSF wet rotors, Series PLs, 100, PR and LR, and other manufacturers' pumps.

Available sizes: 3/4", 1", 1-1/4", 1-1/2" NPT and Sweat.



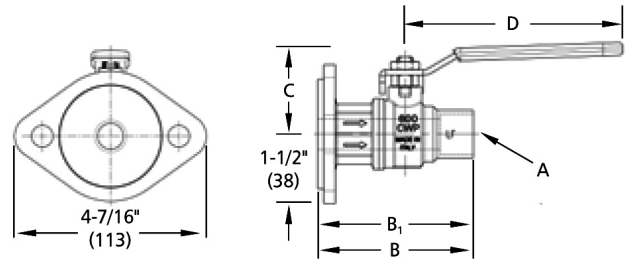
Check-Trol®

Isolation Flow Control Flange

The Check-Trol flange is a combination isolation valve, flow control valve, and companion flange for circulators. The full port ball valve allows the circulator to be removed from the system without draining the system. The internal spring check prevents gravity circulation. Free floating companion flange makes pump installation a snap.

Typical Specifications

Furnish and install on plans _____(inches) NPT/Sweat x Flange Check-Trol flange on the pump discharge. The Check-Trol flange will prevent gravity circulation and flow in the wrong direction. When closed, it will provide positive shut-off. The mating flange shall be free floating allowing it to rotate elimination the need to align the bolt holes of the flanges when installing to the piping system. The Check-Trol flange shall be constructed with a brass body, chrome plated brass ball, chrome plated flange and handle, and Teflon packing and seat ring and a non-ferrous check. The Check-Trol flange shall be Bell & Gossett or equal.



Operating Data

Maximum working pressure.....150 psi (10 bar)
Maximum operating temperature.....200°F (93°C)

Materials of Construction

Valve Body.....Lead-Free* Brass
Flange.....Chrome Plated Steel
Ball.....Chrome Plated Lead-Free* Brass
Packing.....PTFE
Seat Ring.....PTFE
Stem.....Lead-Free Brass
Spring Check.....Nitrile, Acetal, Stainless Steel

*CSA certified to NSF/ANSI 372 that product contains less than 0.25% lead content by weight on wetted surfaces.

Dimension and Weights

Model No.	Size Inches	Model	Use with Following Circulators	DIMENSIONS – IN INCHES (mm)					Approx. Shpg. Wt. Lbs. (Kg)
				A	B	B ₁ **	C	D	
101231LF	3/4" NPT x Flange	CTF-3/4	ecocirc 20-18/ecocirc+ 20-18 ecocirc XL 20-35, 36-45, 55-45 NRF/NBF/SSF Wet Rotor† Series PL-30, PL-36, PL-55, PL-100 Series 100, PR, and LR	3/4" NPT	3-7/64" (79.0)	2-27/64" (61.5)	2" (50.5)	4-23/32" (120.0)	3.4 (1.5)
101232LF	1" NPT x Flange	CTF-1		1" NPT	3-15/16" (100.0)	2-57/64" (73.3)	2-5/32" (54.7)	4-23/32" (120.0)	4.4 (2.0)
101233LF	1-1/4" NPT x Flange	CTF-1-1/4		1-1/4" NPT	4-25/32" (121.4)	3-19/64" (84.0)	3" (75.9)	6-7/32" (158.0)	6.3 (2.8)
101245LF	1-1/2" NPT x Flange	CTF-1-1/2		1-1/2" NPT	4-27/32" (122.9)	3-23/64" (85.5)	3" (75.9)	6-7/32" (158.0)	6.6 (3.0)
101236LF	3/4" SWT x Flange	CTFS-3/4		3/4" SWT	3-21/64" (84.5)	2-41/64" (67.5)	2" (50.5)	4-23/32" (120.0)	3.4 (1.5)
101237LF	1" SWT x Flange	CTFS-1		1" SWT	4-1/64" (102.0)	3" (75.3)	2-5/32" (54.7)	4-23/32" (120.0)	4.2 (1.9)
101238LF	1-1/4" SWT x Flange	CTFS-1-1/4		1-1/4" SWT	4-55/64" (123.4)	3-25/64" (86.0)	3" (75.9)	6-7/32" (158.0)	5.9 (2.7)
101247LF	1-1/2" SWT x Flange	CTFS-1-1/2		1-1/2" SWT	5-1/64" (127.4)	3-35/64" (90.0)	3" (75.9)	6-7/32" (158.0)	6.5 (3.0)

† Not for use with NRF/NBF-45, HV flanges required.

Dimensions and weights are approximate and subject to change. Contact factory for certified dimensions. Check-Trol flange is sold with an isolation flange as a pair.

** Dimension is overall length of isolation flange. The part numbers and shipping weights are for one Check-Trol flange and one isolation flange, capscrews and nuts.

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



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