



FlowShield™ DuC

FOR RESIDENTIAL OR COMMERCIAL BACKFLOW REQUIREMENTS
3048 SERIES



PRODUCT FEATURES

- **Dual Unions:**
Dual unions allow for easy inspection, cleaning and replacement without cutting or damaging existing piping while accommodating varying types of pipe connections.
- **Highest quality materials:**
Dezincification resistant (DZR) brass alloy body reduces potential for pinhole leaks. Peroxide-cured EPDM stands up to chloramines.
- **Posi-Stop™ union seal technology:**
O-ring seal eliminates gaskets and guarantees a perfect seal. A metal-to-metal stop indicates when seal is complete.
- **High-temperature spring-loaded check valves:**
Allow for mounting in any orientation for installation flexibility. Rated to 180 °F for commercial hot water applications.
- **Approvals for acceptance across North America:**
Meets codes IPC, IRC and UPC for use in accordance with U.S. and Canadian plumbing codes.
- **Pipe type flexibility:**
NPT male or female, press, sweat and PEX crimp or PEX expansion tailpieces for a wide variety of pipe types.

Backflow Prevention

FlowShield™ DuC 3048 Series has two independently operated spring-loaded check valves in series within a solid body. They are intended to protect the potable water supply from low hazard pollution at residential service lines and individual outlets. The 3048 is designed for hot or cold water service under continuous or intermittent pressure conditions. ICC-ES certified to ASSE 1024. Complies with NSF/ANSI/CAN 372 and NSF/ANSI/CAN 61 (Commercial Hot, 180 °F).

PRODUCT RANGE - FlowShield™ Dual check backflow preventer



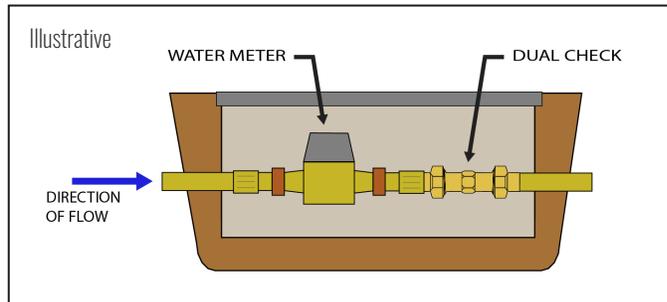
CODE	SIZE	Wt. (lb./kg)
NPT female threaded connections		
304843A	1/2"	1.2/0.5
304853A	3/4"	1.6/0.7
NPT male threaded connections		
304840A	1/2"	1.0/0.4
304850A	3/4"	1.2/0.5
304860A	1"	1.6/0.7
Sweat connections		
304849A	1/2"	1.2/0.5
304859A	3/4"	1.6/0.7
304869A	1"	1.6/0.7

CODE	SIZE	Wt. (lb./kg)
Press connections		
304846A	1/2"	1.2/0.5
304856A	3/4"	1.6/0.7
304866A	1"	1.2/0.5
PEX crimp connections		
304847A	1/2"	1.0/0.4
304857A	3/4"	1.2/0.5
304867A	1"	1.6/0.7
PEX expansion connections		
304848A	1/2"	1.2/0.5
304858A	3/4"	1.6/0.7
304868A	1"	1.6/0.7

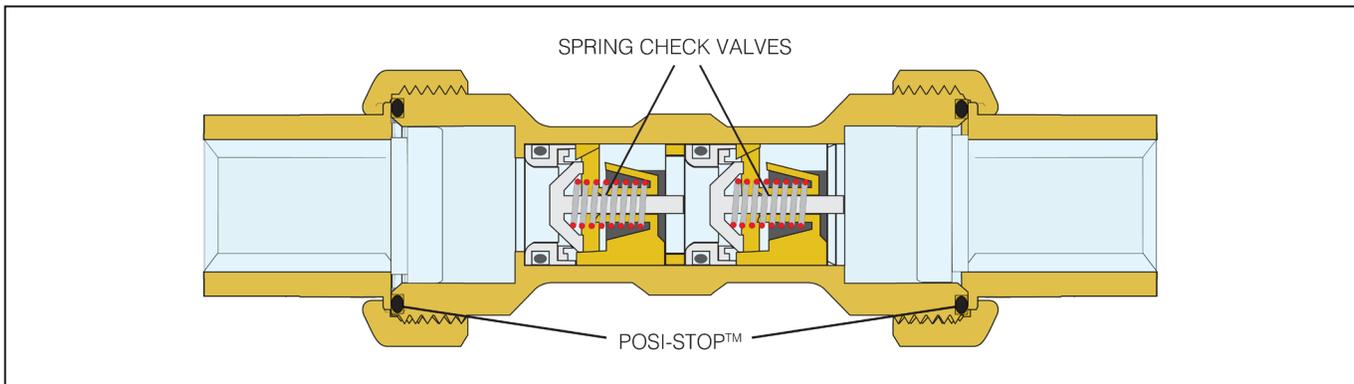
PERFORMANCE

MAX. WORKING PRESSURE	175 psi (12 bar)
OPERATING TEMPERATURE	32 – 180 °F (0 – 82 °C)

APPLICATION DIAGRAM (vault example)



CARTRIDGE REMOVAL



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Caleffi Partner:



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