

Victaulic® Domestic Water Kits for Hydronic Balancing

Series 7WB, 7W9, 7WT, and 7WX

⚠ WARNING





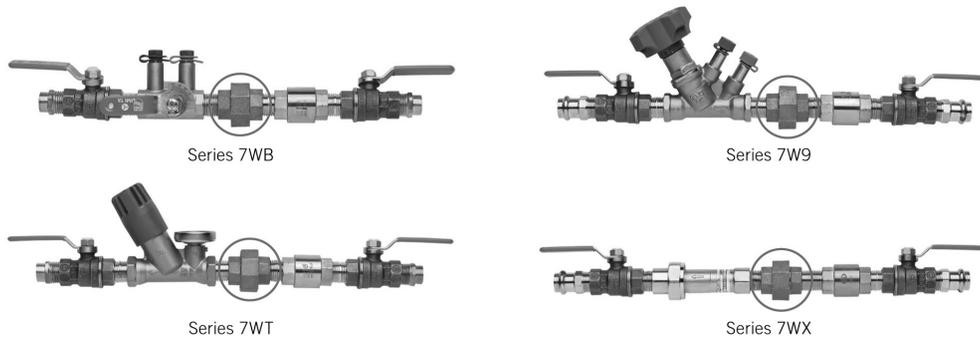


- Read and understand all instructions before attempting to install any Victaulic products.
- Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Confirm that any equipment, branch lines, or sections of piping that may have been isolated for/during testing or due to valve closures/positioning are identified, depressurized, and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Wear safety glasses, hardhat, and foot protection.

Failure to follow these instructions could result in death or serious personal injury and property damage.

INSTALLATION OVERVIEW

1. Flush the piping system with water before proceeding with installation.



2. The 7WB, 7W9, 7WT, and 7WX assemblies contain a union connection. Loosen the union connection (circled above) to facilitate installation of the assembly into the pipeline.
3. For sweat and press adapters, follow the applicable section below for installation requirements. When connecting a 7WB, 7W9, 7WT, or 7WX assembly directly to threaded pipe, remove the sweat or press adapters and follow the “Making Threaded Connections” section on the following page.
4. Where applicable, verify that the flow direction arrow on each valve body is facing the direction of intended flow and that each valve body is rotated to the desired position.
5. Connect the supply side and the outlet to the return pipe via sweating, press, or standard threading practices, as described in the applicable sections below and on the opposite side of this sheet.
6. Complete the installation by tightening the union connection. **NOTE:** If the 7WB, 7W9, 7WT, and 7WX assembly contains the optional drain valve in place of the union connection, verify that the valve is closed before placing the system in service.
7. Verify that there are no leaks at any joints after pressurizing the system. If any leaks are present, fully depressurize and drain all sections and components of the piping system and correct any leaks.
8. For proper function, systems using Series 7WB and 7W9 assemblies shall be properly balanced during the commissioning process.

MAKING SWEAT ADAPTER CONNECTIONS

⚠ CAUTION

- Sweat adapter connections shall be removed from the 7WB, 7W9, 7WT, or 7WX assembly before attempting to solder the sweat adapter to the pipeline.

Soldering a sweat adapter that is attached to the assembly may cause damage to internal valve components, resulting in leakage, property damage, and voiding of the warranty.

Remove the sweat adapter from the 7WB, 7W9, 7WT, or 7WX assembly before soldering to minimize any potential valve damage. Sweat adapter connections shall be made with a lead-free solder that is compatible with copper tubing.

MAKING PRESS ADAPTER CONNECTIONS

Use only Viega® ProPress® jaws, or other compatible jaws approved for the Viega® ProPress® System, to install press adapter connections. Follow all manufacturer’s instructions for proper use of their press jaws/tools and for proper installation of their fittings.

*Viega and ProPress are registered trademarks of Viega Holding GmbH & Co. KG.
Instructions continue on the opposite side of this sheet

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MAKING THREADED CONNECTIONS

Verify that all threaded connections are clean and free of any burrs. Apply a small amount of pipe joint compound or PTFE tape to the external threads of all threaded pipe connections. DO NOT use a combination of tape and pipe joint compound. DO NOT get any tape, pipe joint compound, or other foreign material into the flow path. During installation, use a pipe wrench ONLY on the wrench boss of the valve and pipe. Tighten threaded connections hand-tight, then apply an additional quarter turn. DO NOT over-tighten the connection.

KIT INFORMATION

⚠ WARNING	
	<ul style="list-style-type: none"> Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products. Confirm that any equipment, branch lines, or sections of piping that may have been isolated for/during testing or due to valve closures/positioning are identified, depressurized, and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products. <p>Failure to follow this instruction could result in death or serious personal injury and property damage.</p>

The following parts are sold separately. Contact Victaulic with any order requests or questions regarding these parts.

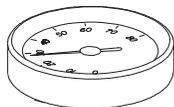
Optional PT Ports and Handle Extension Kits for Series 78BL Balancing Valves

Description	Victaulic Part Code
Kit of Two Extended PT Ports	K00078B2XT
Extended Stem for ½-inch or ¾-inch Valve	P00478B2HL
Extended Stem for 1-inch or 1 ¼-inch Valve	P01078B2HL
Extended Stem for 1 ½-inch or 2-inch Valve	P01478B2HL

Replacement O-Rings for TA Series 76X ICSS Low-Lead Balancing Valves

Nominal Valve Size inches/mm	Victaulic Part Code
½ 15	P00476XORG
¾ 20	P00676XORG

Thermometer for TA Series 7TZ Therm Zero Valves



Victaulic Part Code
P0007TZTHM

For complete contact information, visit victaulic.com