

Series LFBIV

Boiler Isolation Valves

Sizes: 1" Service Valve Set

Installation Instructions

⚠ WARNING



Read this Manual **BEFORE** using this equipment.
Failure to read and follow all safety and use information can result in death, serious personal injury, property damage, or damage to the equipment.
Keep this Manual for future reference.



STOP!

Before connecting any components, be sure to read all of the boiler or combi-boiler manufacturer's installation instructions. Failure to follow instructions below can result in serious injury, death and/or property damage.

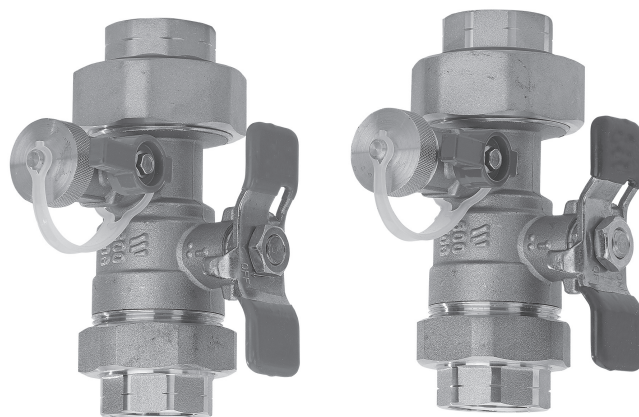
1. Identify all components and orientations before beginning installation

- SYSTEM SUPPLY SERVICE VALVE Identified by the red insulator handle.
- SYSTEM RETURN SERVICE VALVE Identified by the blue insulator handle.

2. Install SYSTEM RETURN SERVICE VALVE onto system return connection of the boiler

- Locate the system return connection on the boiler and apply thread sealant to the threads.
- Slightly loosen the union nut on the top of the system return valve so that the union tailpiece rotates freely.
- Holding the system return water valve beneath the return connection, thread the union tailpiece onto the connection and hand tighten. Using a wrench, tighten the union tailpiece. Next, position the system return valve with the drain port pointing forward, towards the front of the boiler, and hand tighten the union nut.
- Tighten the union nut with a wrench, making sure that the valve does not rotate out of position.

ATTENTION INSTALLER: After installation, please leave this Instruction Sheet for occupant's information.
IMPORTANT: Inquire with governing authorities for local installation requirements.



LFBIV-UT-HCN

3. Install SYSTEM SUPPLY SERVICE VALVE onto system supply connection of the boiler

- Locate the system supply connection on the boiler and apply thread sealant to the threads.
- Slightly loosen the union nut on the top of the system supply valve so that the union tailpiece rotates freely.
- Holding the system supply valve beneath the system supply connection, thread the union tailpiece onto the connection and hand tighten. Using a wrench, tighten the union tailpiece. Next, position the system supply valve with the purge port pointing forward, towards the front of the boiler, and hand tighten the union nut. Tighten the union nut with a wrench, making sure that the valve does not rotate out of position.

4. Connect system supply and return lines

- Attach the system supply line to the 1" threaded connection on the SYSTEM SUPPLY VALVE using thread sealant on the threads of the system connection fitting.
- Attach the system return line to the 1" threaded connection on the SYSTEM RETURN VALVE using thread sealant on the threads of the system connection fitting.

⚠ WARNING

As per ASME requirements a pressure relief valve **MUST** be installed on the boiler. Refer to the boiler manufacturer's installation instructions for installing the relief valve.

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The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

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