

# Understanding fluid 3 way valves

## F1003B vs. F1023B

### Why the Change?

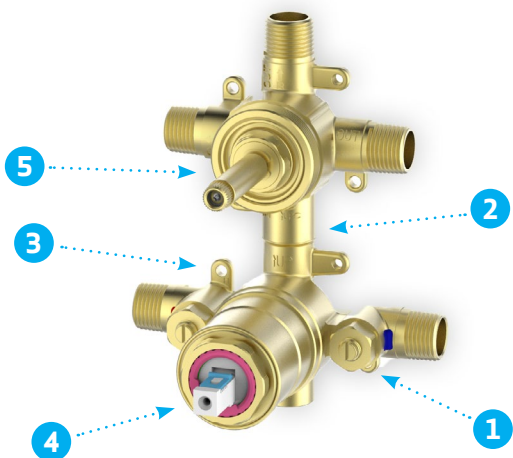
Experience pushes innovation. After installing many thousands of fluid pressure balancing shower valves, the time is right to take this valve to the next level. Our new F1023B 3-way valve retains everything that installers and homeowners love, while adding features to improve installation, performance and maintenance.

### What stays the same?

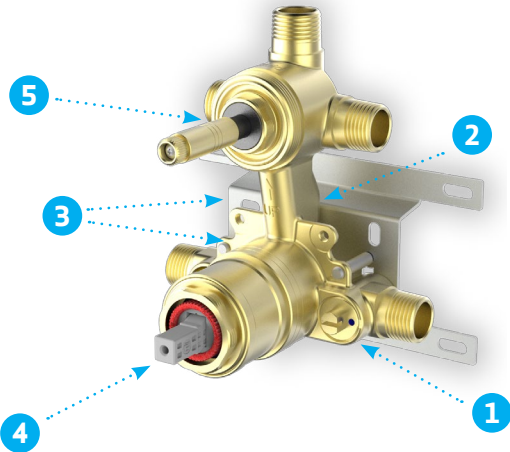
- Both the F1003B and the new F1023B are **3-way** diverting valves, with volume control.
- The F1023B uses the **same valve trims** as the F1003B, making the two valves interchangeable
- Both valves have the **same installation options** and are both available in solder, PEX and PEX-W, with or without sharing.
- Both valves have quality integral stops, bubble levels and are **forged** from heavy brass.
- Both versions have optional **extension kits** to allow for deep wall installations.

### The differences...

F1003B



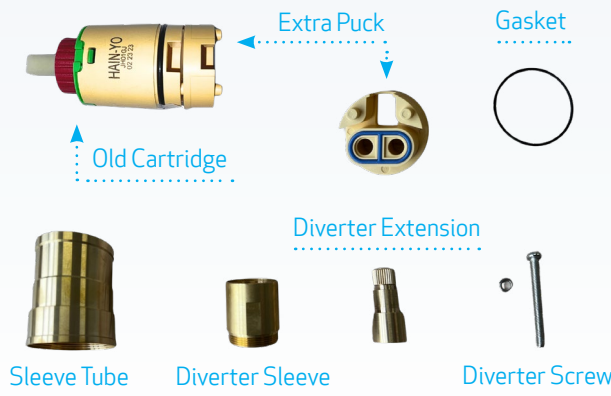
F1023B



### The differences...

#### F1003B

1. Integral stops used a **spring system**.
2. **Valve body:** Forged in two parts and welded
3. Installed with **screw mounts** directly on valve
4. **Valve cartridge** has raised block with internal check valves.
5. **Diverter cartridge:** 3-way diverter, with or without sharing.
6. **F-EXT1003** Extension kits for deep wall installation use a brass extension sleeve and extra pucks to lengthen the cartridge itself. Pucks are used to extend the length of the original cartridge.



#### F1023B

1. Integral stops now have built in **check valves**.
2. **Valve body:** Forged as a single unit
3. Installs either with new **stainless steel mounting bracket** for deep wall, or by using screw mounts directly on valve for standard installation.
4. **Valve cartridge** has no raised blocks as check valves are now in the integral stops; easier to install. This also makes the solid 1-piece extension kits easier to install.
5. **Diverter cartridge:** new 3-way diverter, with or without sharing; has improved performance and is interchangeable with old model.
6. **F-EXT1022/1023** is used for both the F1023B and the F1022B valves. It consists of a brass extension sleeve and a 1-piece cartridge with extension block. This extension kit includes 2 diverter screws; one for installation with the F1023B valve, and the other for the F1022B valve. (The extra screw can be discarded.)

