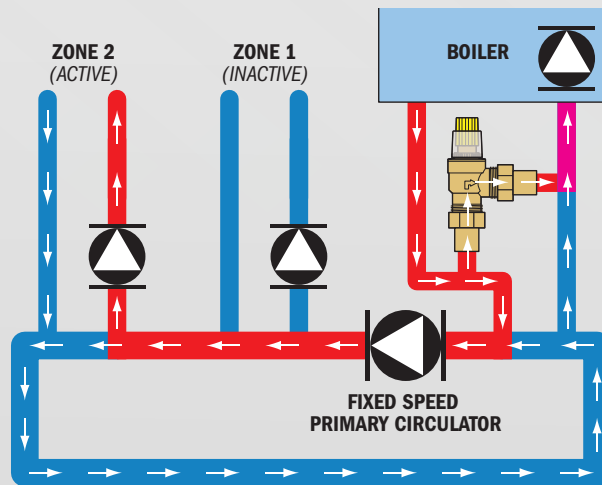


THE **QUIET** WAY TO ZONE **FIXED-SPEED** SYSTEMS

DIFFERENTIAL PRESSURE BY-PASS VALVE

- Eliminates noise in a zoned hydronic system with fixed-speed primary circulator pump
- Protects system components
- Maintains system efficiency
- Prevents over-pumping of zones
- Installs between the boiler supply and return lines, or between zone legs in larger systems
- Installs in any orientation
- Press, FIP, MIP, and SWT connections
- Compatible with optional G1 Union accessories



Under partial loads, the DPBV opens to ensure quiet operation and appropriate pressures at the boiler circulator. With all zones active, the DPBV remains closed



Webstone[®]
a brand of **NIBCO**[®]

**VALVE INNOVATION
GUARANTEED FOR LIFE**

CONDITIONS APPLY. SEE WEBSTONEVALVES.COM FOR FULL DETAILS.

webstonevalves.com/DPBV

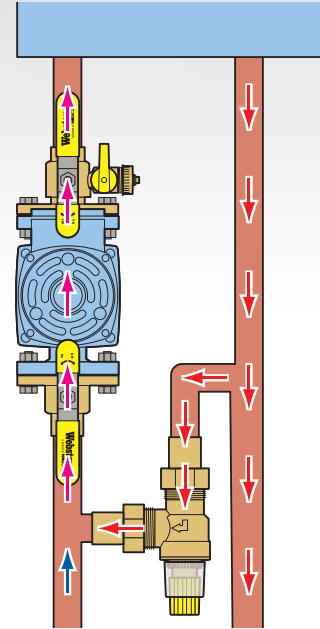


DIFFERENTIAL PRESSURE BY-PASS VALVE

FORGED BRASS DIFFERENTIAL PRESSURE BY-PASS VALVE

Opening Differential Pressure Setting
Adjustable from 1.5 to 9 PSI

STANDARD BRASS				
SIZE	MAX GPM	ITEM #	CTN/CASE	CASE WT
MIP				
3/4"	9	H-72533	1/36	145 PSI CWP 25
1"	18	H-72544	1/36	31
FIP				
3/4"	9	H-74533	1/36	145 PSI CWP 25
1"	18	H-74544	1/36	31
SWT				
3/4"	9	H-75533	1/36	145 PSI CWP 25
1"	18	H-75544	1/36	31
Press				
3/4"	9	H-78533	1/36	145 PSI CWP 25
1"	18	H-78544	1/36	31

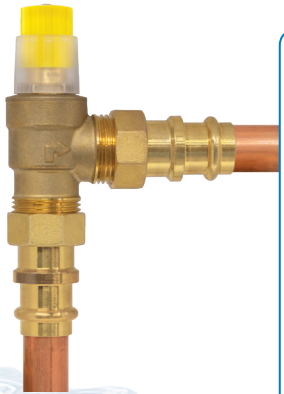


- Installed between the boiler supply and return lines, after the circulator pump
- Valve opens in low-demand operating conditions, ensuring proper flow to boiler and preventing over-pumping of zones

FORGED BRASS ANGLED DIFFERENTIAL PRESSURE BY-PASS VALVE

Opening Differential Pressure Setting
Adjustable from 1.5 to 9 PSI

STANDARD BRASS				
SIZE	MAX GPM	ITEM #	CTN/CASE	CASE WT
MIP				
3/4"	9	H-72533-A	1/36	145 PSI CWP 22
1"	18	H-72544-A	1/36	28
FIP				
3/4"	9	H-74533-A	1/36	145 PSI CWP 22
1"	18	H-74544-A	1/36	28
SWT				
3/4"	9	H-75533-A	1/36	145 PSI CWP 22
1"	18	H-75544-A	1/36	28
Press				
3/4"	9	H-78533-A	1/36	145 PSI CWP 22
1"	18	H-78544-A	1/36	28



CUSTOM INSTALLATION OPTIONS

- Select a body and pair with the matching sized ends in the connection of your choice
- Add a G1 Union accessory between the body and ends for even more flexibility

FORGED BRASS DIFFERENTIAL PRESSURE BY-PASS VALVE BODY

Opening Differential Pressure Setting
Adjustable from 1.5 to 9 PSI

STANDARD BRASS				
SIZE	MAX GPM	ITEM #	CTN/CASE	CASE WT
G1 Thread				
3/4"	9	H-70530	1/36	145 PSI CWP/230 F 25
1"	18	H-70540	1/36	31
ANGLED				
G1 Thread				
3/4"	9	H-70530-A	1/36	145 PSI CWP/230 F 22
1"	18	H-70540-A	1/36	28



FORGED DZR BRASS FITTING

SIZE	LEAD-FREE BRASS		
	ITEM #	CTN/CASE	CASE WT
G1 Union × FIP			
3/4"	H-7-2103W WP	10/100	34
1"	H-7-2104W WP	10/100	43
G1 Union × MIP			
3/4"	H-7-4103W WP	10/100	36
1"	H-7-4104W WP	10/100	39
G1 Union × SWT			
3/4"	H-7-5103W WP	10/100	29
1"	H-7-5104W WP	10/100	33
G1 Union × Press			
3/4"	H-7-8103W WP	10/100	39
1"	H-7-8104W WP	10/100	43



G1 UNION ELBOW

Forged DZR Brass Fitting

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM #	CTN/CASE	CASE WT
G1 Union × G1 Thread			
1**	H-7-G144W-A	10/60	150 PSI CWP 29

*FITS 3/4" & 1" DIFFERENTIAL BYPASS VALVES



ANGLED ISOLATION BALL VALVE

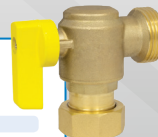
Full Port Forged DZR Brass Valve
w/ Reversible Yellow Handle

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM #	CTN/CASE	CASE WT
G1 Union × G1 Thread			
1**	H-7-G134WY-A	10/60	150 PSI CWP 56

*FITS 3/4" & 1" DIFFERENTIAL BYPASS VALVES



ISOLATION BALL VALVE

Full Port Forged DZR Brass Valve
w/ Reversible Yellow Handle

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM #	CTN/CASE	CASE WT
G1 Union × G1 Thread			
1**	H-7-G134WY	10/60	150 PSI CWP 51

*FITS 3/4" & 1" DIFFERENTIAL BYPASS VALVES

