

DIFFERENTIAL PRESSURE BY-PASS VALVE



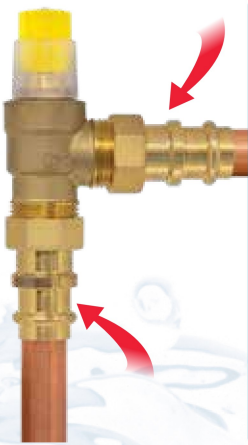
FORGED BRASS DIFFERENTIAL PRESSURE BY-PASS VALVE

Opening Differential Pressure Setting
Adjustable from 1.5 to 9 PSI

SIZE	MAX GPM	ITEM#	STANDARD BRASS	
			CTN/CASE	CASE WT
145 PSI CWP Max/230°F Max				
FIP				
3/4"	9	H-74533	1/36	25
1"	18	H-74544	1/36	31
MIP				
3/4"	9	H-72533	1/36	25
1"	18	H-72544	1/36	31
SWT				
3/4"	9	H-75533	1/36	25
1"	18	H-75544	1/36	31
Press				
3/4"	9	H-78533	1/36	25
1"	18	H-78544	1/36	31
BODY ONLY - INSTALL W/(2) G1 UNION FITTINGS				
G1 Thread				
3/4"	9	H-70530	1/36	25
1"	18	H-70540	1/36	31

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

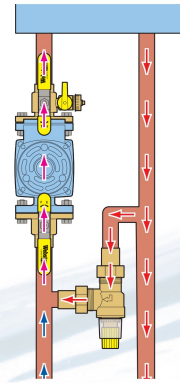
- Eliminates noise in a zoned hydronic system with fixed-speed primary circulator pump
- Protects system components
- Maintains system efficiency
- Prevents over-pumping of zones
- Installs between the boiler supply and return lines, or between zone legs in larger systems
- Installs in any orientation
- Customize with G1 Union Accessories - see below



FORGED BRASS ANGLED DIFFERENTIAL PRESSURE BY-PASS VALVE

Opening Differential Pressure Setting
Adjustable from 1.5 to 9 PSI

SIZE	MAX GPM	ITEM#	STANDARD BRASS	
			CTN/CASE	CASE WT
145 PSI CWP Max/230°F Max				
FIP				
3/4"	9	H-74533-A	1/36	22
1"	18	H-74544-A	1/36	28
MIP				
3/4"	9	H-72533-A	1/36	22
1"	18	H-72544-A	1/36	28
SWT				
3/4"	9	H-75533-A	1/36	22
1"	18	H-75544-A	1/36	28
Press				
3/4"	9	H-78533-A	1/36	22
1"	18	H-78544-A	1/36	28
BODY ONLY - INSTALL W/ (2) G1 UNION FITTINGS				
G1 Thread				
3/4"	9	H-70530-A	1/36	22
1"	18	H-70540-A	1/36	28



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

HYDRONIC G1 UNION ACCESSORIES

- Compatible with Vertical Air Separator, Magnetic Boiler Filter, Differential Pressure Bypass Valve
- Multiple options to customize your installation and simplify future service

The ISOLATOR[®] UNI-FLANGE BALL VALVE



THE ISOLATOR W/ ROTATING FLANGE

Full Port Forged DZR Brass Uni-Flange Ball Valve w/ Detachable Rotating Flange, Adjustable Packing Gland, Nuts & Bolts

LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	HV ITEM#	CTN/CASE	CASE WT
G1 Union × Rotating Flange 600 PSI CWP Max				
1"	H-G1404W	H-G1404WHV	1/20	34

W/ MULTI-FUNCTION HI-FLOW HOSE DRAIN

SIZE	ITEM#	HV ITEM#	CTN/CASE	CASE WT
G1 Union × Rotating Flange 600 PSI CWP Max				
1"	H-G1414W	H-G1414WHV	1/20	42

HV ITEMS FIT HIGH VELOCITY & STANDARD SIZE PUMPS.



FORGED DZR BRASS FITTING

LEAD-FREE BRASS

SIZE	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

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

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 150 PSI CWP Max			
1"	H-7-G134WY	10/60	51
ANGLED			
1"	H-7-G134WY-A	10/60	56

DUAL SCALE TEMPERATURE GAUGE

w/ Integrated Forged Brass Fitting - 1/2" Dial - Temperature Range 32° - 248°F



LEAD-FREE BRASS

Certified to NSF/ANSI 61 & 372

SIZE	ITEM#	CTN/CASE	CASE WT
G1 Union × G1 Thread 150 PSI			
1"	H-32000W	10/100	50