



Calibrated Pressure and Vacuum Relief Valves

Calibrated pressure and vacuum relief have a brass body and stainless steel spring. Lead-free valves are certified for use in potable water applications. Liquid relief valves are bronze and have metal-to-metal seat.

CALIBRATED PRESSURE, SERIES 530

- Pressure range: 50 to 175 psi
- Temp. range: 0° to 180°F

Protect against excessive pressure buildup in systems that contain water, oil, or air. Use for bypass thermal relief. Buna N disc. Lead-free, except 2X318. NSF Listed and FDA Approved, except 2X318 meets ANSI Z21.22.

Note: Not to be used as an operating control.

LEAD-FREE VACUUM RELIEF, SERIES N36

- Max. pressure: 15 psi steam; 200 psi water
- Temp. range: 0° to 250°F

Automatically vents closed system to atmosphere. Prevents vacuum conditions that could siphon water from the system. Silicone disc. For water heaters, supply tanks, unit heaters, and low-pressure steam systems. NSF Listed and FDA Approved.

LEAD-FREE VACUUM RELIEF VALVE, CASH ACME

- Pressure range: 0 to 200 psi
- Temp. range: 0° to 210°F

Ideal for protecting pressure vessels and hot water supply systems against negative pressure. Silicone disc. Suitable for use in many commercial and domestic systems. Meets ANSI Z21.22 and is CSA 4.4 Certified.

LIQUID RELIEF, SERIES 55

- Pressure range: 0 to 100 psi
- Temp. range: 0° to 450°F

Small valve can be adjusted in the field by removing the hex cap. Bronze disc is lapped into position to minimize leakage. For liquid relief lines, tanks, sprinkler systems, and overprotection.

Inlet Size	Outlet Size	Inlet Type	Outlet Type	Watts Item No.	Cash Acme Item No.
Calibrated Pressure, Series 530					
3/4 in	1/2 in	MNPT	FNPT	2X318	—
Lead-Free Calibrated Pressure, Series 530					
1/2 in	1/2 in	MNPT	FNPT	5DLZ1	—
3/4 in	1/2 in	MNPT	FNPT	5DLZ2	—
Lead-Free Vacuum Relief, Series N36					
1/2 in	1/2 in	MNPT	MNPT	5DLZ3	—
Lead-Free Vacuum Relief Valve					
1/2 in	1/2 in	NPT	Vented	—	49EL63
Liquid Relief, Series 55					
Inlet Size	Outlet Size	Inlet Type	Outlet Type	Factory Set Pressure	Aquatrol Item No.
1/4 in	1/2 in	MNPT	FNPT	25 psi	3ERJ9
1/4 in	1/2 in			50 psi	3ETU3
3/8 in	1/2 in			25 psi	3ERK1
3/8 in	1/2 in			50 psi	3ETU4



Polypropylene & Acetal Y Strainers

- Mesh strainer ■ NPT connection

Polypropylene strainers offer impact strength, surface hardness, and resistance to abrasions and corrosion. Removable end cap with EPDM gaskets. FNPT connection.

Acetal strainers resist corrosive and sensitive media, plus withstand changes in temperature and humidity. NBR gaskets.



Polypropylene 3DTZ3



Acetal 2P803

Pipe Size	Screen Size	Maximum Pressure at 100° F	Micron Rating	H	L	Screen Material	Includes Screen	Brand	Item No.
Polypropylene Y Strainers									
1/2"	7 mesh	192 psi	400 micron	6"	5 1/2"	304 Stainless Steel	Yes	Banjo	3DTZ3
1/2"	16 mesh	192 psi	177 micron	6"	5 1/2"	304 Stainless Steel	Yes	Banjo	3DTZ4
1/2"	16 mesh	192 psi	841 micron	6"	5 1/2"	304 Stainless Steel	Yes	Banjo	3DTZ2
3/4"	16 mesh	192 psi	177 micron	6"	6"	304 Stainless Steel	Yes	Banjo	3DTZ7
3/4"	16 mesh	192 psi	400 micron	6"	6"	304 Stainless Steel	Yes	Banjo	3DTZ6
3/4"	16 mesh	192 psi	841 micron	6"	6"	304 Stainless Steel	Yes	Banjo	3DTZ5
3/4"	20 mesh	150 psi @ 140°F	300 micron	5 1/2"	6 3/4"	—	No	Amiad	2P802
1"	16 mesh	213 psi	177 micron	7 1/2"	7 7/8"	304 Stainless Steel	Yes	Banjo	3DUAE
1"	16 mesh	213 psi	400 micron	7 1/2"	7 7/8"	304 Stainless Steel	Yes	Banjo	3DUAA
1"	16 mesh	213 psi	841 micron	7 1/2"	7 7/8"	304 Stainless Steel	Yes	Banjo	3DTZ9
1 1/4"	7 mesh	168 psi	177 micron	7 1/2"	7 7/8"	304 Stainless Steel	Yes	Banjo	3DUA7
1 1/4"	12 mesh	168 psi	400 micron	7 1/2"	7 7/8"	304 Stainless Steel	Yes	Banjo	3DUAE
1 1/4"	16 mesh	168 psi	841 micron	7 1/2"	7 7/8"	304 Stainless Steel	Yes	Banjo	3DUAA
1 1/2"	12 mesh	166 psi	297 micron	9 5/8"	9 7/8"	304 Stainless Steel	Yes	Banjo	3DUC1
1 1/2"	16 mesh	166 psi	177 micron	9 5/8"	9 7/8"	304 Stainless Steel	Yes	Banjo	3DUC2
1 1/2"	16 mesh	166 psi	595 micron	9 5/8"	9 7/8"	304 Stainless Steel	Yes	Banjo	3DUAA
2"	12 mesh	141 psi	595 micron	9 5/8"	9 7/8"	304 Stainless Steel	Yes	Banjo	3DUC5
2"	16 mesh	141 psi	177 micron	9 5/8"	9 7/8"	304 Stainless Steel	Yes	Banjo	3DUC7
2"	16 mesh	141 psi	297 micron	9 5/8"	9 7/8"	304 Stainless Steel	Yes	Banjo	3DUC6
Acetal Y Strainers									
3/4"	—	150 psi @ 140°F	80 micron	7"	6 3/4"	—	—	Amiad	2P801
1"	20 mesh	150 psi @ 140°F	—	7"	4 3/4"	—	Yes	Amiad	2P803
1 1/2"	12 mesh	150 psi @ 140°F	80 micron	10 3/4"	12"	316 Stainless Steel	Yes	Amiad	1PHP4
Mesh Size	Micron Rating	Compatible with Grainger Part Number	L	Dia.	Color	Item No.			
20 mesh	841 micron	3DTZ2, 3DTZ5	4 in	1 in	Beige	3DUE2			
20 mesh	841 micron	3DTZ9, 3DUAA, 3DUAE	5 1/4 in	1 1/2 in	Yellow	3DUAA			
28 mesh	595 micron	3DUAA, 3DUC5	7 in	2 1/2 in	Red	3DUC8			
48 mesh	297 micron	3DUC1, 3DUC6	7 in	2 1/2 in	Blue	3DUC9			
80 mesh	177 micron	3DUC2, 3DUC7	7 in	2 1/2 in	Yellow	3DUE1			
Size	Gasket For Y Strainers	For Use With	Item No.						
1/2 to 3/4 in	—	3DTZ2, 3DTZ3, 3DTZ4, 3DTZ5, 3DTZ6, 3DTZ7	3DTZ8						
1 to 1 1/4 in	—	3DTZ9, 3DUAA, 3DUAE, 3DUAA, 3DUAA, 3DUAA, 3DUAA	3DUAA						
1 1/2 to 2 in	—	LS150-50, LS150-80, LS200-30, LS200-50, LS200-80, Mfr. No. LS150-30	3DUC3						



PVC & CPVC Y Strainers

Protect piping systems from debris, dirt, and rust. Hex cap permits easy removal of strainer screen for cleaning. Screen included. Hayward strainers have a FPM seal while Asahi feature an EPDM seal.



PVC 3CEC1



CPVC 3CER2

Pipe Size	Screen Size	Maximum Pressure at 100° F	Strainer Type	H	L	Brand	Item No.
PVC Housing, PVC Screen							
NPT (National Pipe Thread) Threaded Connection							
3/4"	20 mesh	125 psi	Mesh	3 3/4"	4 1/2 in	Hayward	3CEF9
2"	0.031 in	125 psi	Perforated	7 1/2"	13 in	Hayward	3CEP2
2"	20 mesh	125 psi	Mesh	7 1/2"	7 5/8 in	Hayward	3CED6
2"	20 mesh	125 psi	Mesh	7 1/2"	7 5/8 in	Hayward	3CEH7
3"	0.031 in	125 psi	Perforated	9 5/8"	16 3/4 in	Hayward	3CEP6
3"	20 mesh	125 psi	Mesh	9 5/8"	10 1/4 in	Hayward	3CEE6
NPT & Push-In Socket Multi-Connection							
1/2"	20 mesh	150 psi	Mesh	3 3/4"	7 in	Asahi	49FA18
3/4"	20 mesh	150 psi	Mesh	3 3/4"	8 1/4 in	Asahi	49FA19
1"	20 mesh	150 psi	Mesh	4 3/4"	9 3/8 in	Asahi	49FA20
2"	20 mesh	150 psi	Mesh	6 1/4"	12 1/2 in	Asahi	49FA23
Push-In Socket Connection							
3/4"	7 mesh	125 psi	Mesh	3 3/4"	4 1/2 in	Hayward	3CEC1
1"	7 mesh	125 psi	Mesh	4 3/4"	5 1/4 in	Hayward	3CEC5
1"	20 mesh	125 psi	Mesh	4 3/4"	5 1/4 in	Hayward	3CEG6
1 1/4"	20 mesh	125 psi	Mesh	5 1/2"	6 3/8 in	Hayward	3CEC9
1 1/2"	16 mesh	125 psi	Mesh	5 1/2"	6 3/8 in	Hayward	3CED4
1 1/2"	20 mesh	125 psi	Mesh	5 1/2"	6 3/8 in	Hayward	3CEH4
2"	16 mesh	125 psi	Mesh	7 1/2"	7 3/8 in	Hayward	3CEH9
3"	20 mesh	125 psi	Mesh	9 5/8"	10 1/4 in	Hayward	3CEE8
4"	7 mesh	125 psi	Mesh	11 3/4"	12 3/4 in	Hayward	3CEF3

Pipe Size	Screen Size	Maximum Pressure at 100° F	Strainer Type	H	L	Brand	Item No.
CPVC Housing, CPVC Screen							
NPT (National Pipe Thread) Threaded Connection							
1/2"	0.031 in	130 psi	Perforated	3"	3 3/8 in	Hayward	3CER2
3/4"	16 mesh	130 psi	Mesh	3 3/4"	4 1/8 in	Hayward	3CER6
1"	16 mesh	130 psi	Mesh	4 5/8"	5 1/4 in	Hayward	3CET1
1 1/2"	16 mesh	130 psi	Mesh	5 5/8"	6 3/8 in	Hayward	3CET5
Push-In Socket Connection							
1/2"	0.031 in	130 psi	Perforated	3"	3 3/8 in	Hayward	3CEP9
3/4"	0.031 in	130 psi	Perforated	3 3/4"	4 1/8 in	Hayward	3CER4
1"	12 mesh	130 psi	Mesh	4 5/8"	5 1/4 in	Hayward	3CER8
1 1/2"	16 mesh	130 psi	Mesh	5 5/8"	6 3/8 in	Hayward	3CET3
2"	7 mesh	130 psi	Mesh	7 1/2"	7 3/8 in	Hayward	3CET7
3"	12 mesh	130 psi	Mesh	9 5/8"	10 1/4 in	Hayward	3CEU2
4"	16 mesh	130 psi	Mesh	11 3/4"	12 3/4 in	Hayward	3CEU6