

# Relief Valves for Hot Water Boilers



Watts 174A;  
Cash F82



## Cash Acme & Watts Relief Valves for Hot Water Boilers and Related Equipment

### Series 174A Watts or Cash Acme F82

Bronze body safety relief valves for pressure protection only of all types of hot water heating boiler equipment. Pressure range 30 to 150psi with corresponding high ratings from 650,000 to 14,370,000 BTU/hr. Female inlet and outlet connections.

Sizes 3/4" - 2". Maximum temperature, 250° F. ASME code IV

### Series 740 Watts or Cash Acme F95

Iron body with expanded outlets for hot water space heating boilers. Pressure range 30 to 75psi with corresponding high ratings from 925,000 to 10,700,000 BTU/hr. Female inlet and outlet connections.

Sizes 3/4" x 1" to 2" x 2 1/2" (the outlet discharge side is one pipe size larger than the inlet connection). Maximum temperature, 250° F. ASME code IV certified.

WATTS Model No.	CASH Model No.	Pipe Size	Relief Pressure PSIG	BTU Rating	Watts Order No.	Cash Acme Order No.
174A	F82	3/4"	30	650,000	WC1205	CC1710
			50	950,000	WC1210	CC1715
			75	1,320,000	WC1215	CC1720
			100	1,695,000	WC1220	CC1725
			125	2,070,000	WC1225	CC1730
			150	2,445,000	WC1230	CC1735
		1"	30	1,005,000	WC1235	CC1740
			50	1,420,000	WC1238	CC1745
			75	2,055,000	WC1239	CC1750
			100	2,635,000	WC1240	CC1755
			125	3,215,000	WC1243	CC1760
			150	3,795,000	WC1245	CC1765
		1 1/4"	30	1,682,000	WC1250	CC1873
			50	2,200,000	WC1252	CC1875
			75	3,429,000	WC1253	CC1878
			100	4,399,000	WC1255	CC1880
			125	5,370,000	WC1260	CC1883
			150	6,340,000	WC1261	CC1885

WATTS Model No.	CASH Model No.	Pipe Size	Relief Pressure PSIG	BTU Rating	Watts Order No.	Cash Acme Order No.
174A	F82	1 1/2	30	2,020,000	WC1265	CC1888
		1 1/2	50	2,950,000	WC1267	CC1890
		1 1/2	75	4,125,000	WC1268	CC1893
		1 1/2	100	5,290,000	WC1270	CC1895
		1 1/2	125	6,460,000	WC1275	CC1898
		1 1/2	150	7,855,000	—	CC1900
		2	30	3,815,000	WC1280	CC1903
		2	50	5,575,000	WC1282	CC1905
		2	75	7,770,000	WC1283	CC1908
		2	100	9,970,000	WC1284	CC1910
		2	125	12,170,000	WC1285	CC1913
		2	150	14,699,000	—	CC1915

### "Contractor's Friend" for standard 30 psi relief

WATTS Model No.	CASH Model No.	Pipe Size	Relief Pressure PSIG	BTU Rating	Watts Order No.	Cash Acme Order No.
374A	F30	3/4	30	550,000	WC1204	CC2005

Both Watts and Cash Acme relief valves are manufactured via high quality standards ensuring a long & efficient operational life. Both are manufactured according to all pertinent boiler and related performance codes.

At State Supply the Cash Acme brand has a better economic price point. State Supply stocks and distributes both brands to ensure customer satisfaction - You get what you want.

WATTS Model No.	CASH Model No.	Pipe Size IN x OUT	Relief PSIG	BTU Rating	Order No.	CASH Acme Order No.
740	F95	3/4 x 1	30	925,000	WC1290	CC1800
		3/4 x 1	45	1,245,000	WC1295	—
		3/4 x 1	50	1,352,000	WC1300	CC1805
		3/4 x 1	75	1,886,000	WC1305	CC1810
		1 x 1 1/4	30	1,300,000	WC1310	CC1815
		1 x 1 1/4	45	1,750,000	WC1315	—
		1 x 1 1/4	50	1,899,000	WC1320	CC1820
		1 x 1 1/4	75	2,649,000	WC1325	CC1825
		1 1/4 x 1 1/2	30	2,105,000	WC1330	CC1830
		1 1/4 x 1 1/2	45	2,830,000	WC1331	—

WATTS Model No.	CASH Model No.	Pipe Size	Relief PSIG	BTU Rating	Watts Order No.	CASH Acme Order No.
740	F95	1 1/4 x 1 1/2	50	3,075,000	WC1332	CC1835
		1 1/4 x 1 1/2	75	4,285,000	WC1333	CC1840
		1 1/2 x 2	30	2,900,000	WC1335	CC1845
		1 1/2 x 2	45	3,903,000	WC1337	—
		1 1/2 x 2	50	4,237,000	WC1338	CC1850
		1 1/2 x 2	75	5,909,000	WC1339	CC1855
		2 x 2 1/2	30	5,250,000	WC1340	CC1860
		2 x 2 1/2	45	7,067,000	WC1343	—
		2 x 2 1/2	50	7,672,000	WC1345	CC1865
		2 x 2 1/2	75	10,700,000	WC1347	CC1870

# Temperature & Pressure Relief Valves and More!



Watts Models Shown

## Cash Acme and Watts Temperature & Pressure Relief Valves for Water Heaters and Related Tanks

These 2-in-1 temperature and pressure relief valves provide the most proven and economical means for protection against both excessive pressures and temperature in domestic hot water heaters and supply tanks. The temperature "relief" set-point is 210° F.

Watts Model No.	CASH Model No.	Pipe Size	Pipe Connect (IN/OUT)	Temp Probe Length	Press. Set PSIG	BTU Rating	Watts Order No.	CASH Acme No.
1XL-4	—	1/2"	Male / Female	4"	125	15,000	WC1360	—
10L2	—	3/4"		2"	125	80,000	WC1375	—
100XL-4	NCLX-5	3/4"		3"	125	100,000	WC1380	—
		3/4"		3"	150	100,000	WC1400	CC1700
40L-3	FVMX-3C	3/4"		3"	125	180,000	WC1385	CC1680
		3/4"		3"	150	180,000	WC1405	CC1685
40XL-4	—	1"		4"	125	500,000	WC1415	—
		1"		4"	150	500,000	WC1420	—
40XL-5	FVMX5-C	3/4"		5"	125	200,000	WC1395	CC1690
		3/4"		5"	150	200,000	WC1410	CC1695
140X-6	FVX-5L	1"	Female/ Female	6"	150	620,000	WC1422	CC1705
N240X-6	—	1"		6"	150	730,000	WC1425	—
N241X-5	FVMX-4L	1 1/4"	Male / Female	5"	150	730,000	WC1430	CC2015
340-3	FVX-4	1 1/2"	Female/ Female	3"	150	1,150,000	WC1433	CC2010

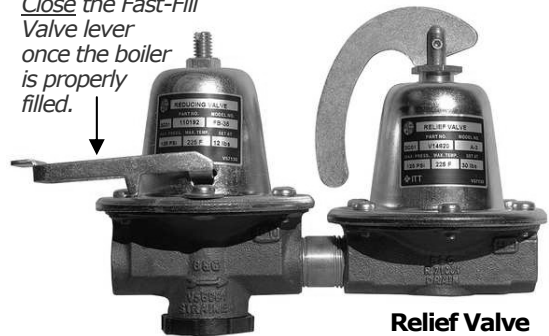
## Bell & Gossett Combination Reducing & Relief Valve Dual Units with "Fast Fill"

Bell & Gossett dual unit valves are a combination of a pressure reducing valve and a relief valve. All models below (except the Model 8 and 8TU) have a "fast-fill" feature: The "Fast-Fill" lever allows you to override the reducing valve during filling of the system.

■ For filling hot water boilers and associated system piping systems to a properly controlled pressure after boiler installation or servicing. It is not a safety device and not intended to be used as a water feed valve to control boiler water at a safe operating level.

■ The relief valve is set at 30 psig. The reducing valves are pre-set at 12 psig and adjustable from 10 to 25 psig. The relief valve provides protection from fill over pressure only - It is NOT a boiler safety relief valve. Also, please close the Fill Valve once the boiler is properly filled.

Close the Fast-Fill Valve lever once the boiler is properly filled.



Fast Fill Pressure Reducing Valve

Relief Valve

Model No	Bell Gossett Code No.	Component Valves	Body Material	Connection (inches)		Dimensions (inches)		Ship Wt. (lbs)	Order No.
				Boiler	Fill	End-to-End	Height		
8 No "Fast Fill"	110199	Relief, B B-38	Iron Brass	1/2 npt (pipe size)	1/2 npt	6-7/16	5-3/8	4	BI1051
8TU No "Fast Fill"	110200	Relief, B B-38 TU	Iron Brass		1/2 union npt/sweat	8-5/8		4.25	Discontinued Replace with BI1018A
F-3 "Fast Fill"	110197	Relief, B FB-38	Brass Brass		1/2 npt	6-7/16		3.75	BI1018
F-3TU "Fast Fill"	110198	Relief, B FB-38 TU	Brass Brass		1/2 union npt/sweat	8-5/8		4	BI1018A
F-8 "Fast Fill"	110201	Relief, B FB-38	Iron Brass		1/2 npt	6-7/16	6	4.25	Discontinued Replace with BI1018A
F-8TU "Fast Fill"	110202	Relief, B FB-38 TU	Iron Brass		1/2 union npt/sweat	8-5/8		4.5	Discontinued Replace with BI1018A

# Pressure Regulating Valves for Water

**Watts  
25AUB**



**Cash Acme  
EB25U with  
Cartridge Design**

- Single-piece cartridge allows for service with valve body in place.
- Numerical indicator for setting pressure before valve installation.
- Lead Free.



**Best  
Buy!**

## Watts 25AUB and Cash Acme EB25U Water Pressure Reducing Valves

Both Watts and Cash Acme relief valves are manufactured via high quality standards ensuring a long & efficient operational life. Both are manufactured according to all pertinent boiler and related performance codes.

- Control pressure is easily adjusted by control screw on top of valve. Handles incoming pressures up to 300 psig; temperatures up to 180° F. Controls pressure + or - 2% approximately.
- The adjustable pressure range is from 25 to 75 psig on the Watts 25AUB models and 20 to 90 psig on the Cash Acme EB25U models.
- Repair Kits contain all wearable internal parts of the valve - Everything you need to get your valve working like new!

Watts Model No.	Cash Acme Model	Pipe Size Female	Max Incoming Pressure	Adjustable Pressure Range	WATTS Valve Order No.	WATTS Repair Kit Order No.	CASH Acme Order No.
25AUB	EB25U	1/2"	300 psi	Watts: 25 to 75 psi  Cash Acme: 20 to 90 psi	WC1131	WD1070	CC1770
		3/4"			WC1141	WD1075	CC1775
		1"			WC1151	WD1080	CC1780
		1-1/4"			WC1154	WD1085	CC1785
		1-1/2"			WC1157A	WD1090	CC1790
		2"			WC1159A	WD1095	CC1795
25AUBLP	—	1/2"	100 psi	10 to 35 psi	WC1136	WD1070	—
		3/4"			WC1146	WD1075	—
		1"			WC1153	WD1080	—
		1-1/4"			WC1157	WD1085	—
		1-1/2"			WC1158A	WD1090	—
		2"			WC1159B	WD1095	—

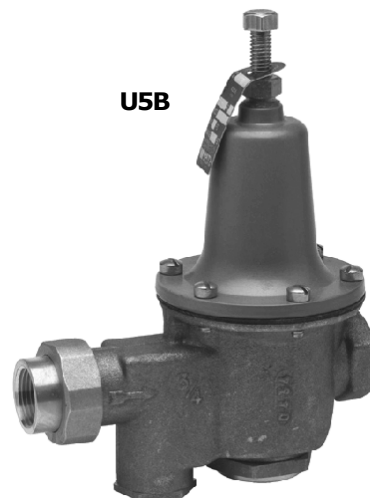
## Watts U5 Series Water Pressure Regulating Valves

These bronze body pressure regulating valves with an extra port - for more precise regulation of outgoing water pressure - also feature a by-pass are for water. Provides precise pressure control at approximately + or - 2%. Select from two styles:

- The U5B models are rated to 300 psig and 160° F. with an adjustable pressure range of 25 to 75 psig.
- The U5BLP are rated to 200 psig and 200° F with an adjustable pressure range of 10 to 35 psig.
- Repair Kits contain all wearable internal parts.

Model No.	Pipe Size Female	Max Incoming	Adjustable Pressure	End-to-End Dimension inches	Valve Order No.	Repair Kit Order No.
U5B	1/2"	300 psi	25 to 75 psi	5	WC1130	WD1040
	3/4"			5-1/2	WC1140	WD1045
	1"			5-3/4	WC1150	WD1050
	1-1/4"			6-3/4	WC1155	WD1055
	1-1/2"			8-1/8	WC1158	WD1060
	2"			9-1/2	WC1159	WD1065
U5BLP	1/2"	200 psi	10 to 35 psi	5	WC1135	WD1040
	3/4"			5-1/2	WC1145	WD1045
	1"			5-3/4	WC1152	WD1050
	1-1/4"			6-3/4	WC1156	WD1055

**U5B**



*The U5 series have an Extra Port*  
This extra port prevents flow restriction and allows for a more precise regulation of outgoing pressure.

*Repair Kits contain all the valve operation "wearable" parts.*