Benchmark & Benchmark Platinum Boiler Relief Valves

Model	PSI	Relief Valve	Alternative
BMK 750	30	Apollo 610 Series	
	50	Apollo 620 Series	
	60	Watts 740	
	75	Apollo 600 Series	
	100	Watts 174A	
	125	Watts 174A	
	150	Watts 174A	
	160	Apollo 610 Series	
BMK 1000	30	Apollo 610 Series	
	50	Apollo 620 Series	
	60	Watts 740	
	75	Apollo 600 Series	
	100	Watts 174A	
	125	Watts 174A	
	150	Watts 174A	
	160	Apollo 610 Series	
BMK1500	30	Watts 174A	
	50	Watts 740	
	60	Watts 740	
	75	Watts 740	
	100	Watts 174A	
	125	Watts 174A	
	150	Watts 174A	
	160	Apollo 610 Series	
BMK2000	30	Watts 740	Apollo 610 Series
	50	Watts 174A	Apollo 610 Series
	60	Watts 174A	
	75	Watts 174A	Apollo 610 Series
	100	Watts 174A	Apollo 610 Series
	125	Watts 174A	
	150	Watts 174A	Apollo 610 Series
	160	Apollo 610 Series	
BMK2500	30	Apollo 600 Series	
	50	Watts 740	
	60	Watts 740	
	75	Watts 174A	
	100	Watts 174A	
	125	Watts 174A	
	150	Watts 174A	
	160	Apollo 610 Series	
BMK3000	30	Apollo 600 Series	
	50	Watts 740	
	60	Watts 740	
	75	Watts 174A	
	100	Watts 174A	
	125	Watts 174A	
	150	Watts 174A	
	160	Apollo 610 Series	
BMK4000/5000N	30	Apollo 600 Series	
	35	Watts 740	
	50	Watts 740	
	60	Watts 740	
	75	Watts 174A	
	100	Watts 174A	
	125	Watts 174A	
	150	Watts 174A	
	160	Apollo 610 Series	
BMK5000/6000	30	Apollo 600 Series	
	35	Watts 740	
	50	Watts 740	
	60	Watts 740	
	75	Watts 174A	
	100	Watts 174A	
	125	Watts 174A	
	150	Watts 174A	

Updated *10/30/2019*

For Hot Water Boiler Applications

Job Name _____

Job Location _____

Engineer _____

Approval _____

Contractor _____

Approval _____

Contractor's P.O. No. _____

Representative _____

Series 174A, 374, 740

ASME Water Pressure Relief Valves

For Pressure Protection of Hot Water Heating Boilers

Sizes: ¾" – 2" (20 - 50mm)

Series 174A
Bronze body safety relief valves for pressure protection only of all types of hot water heating boiler equipment. Pressure range 30 to 150psi (2.1 - 10 bar) with corresponding high ratings from 650,000 to 14,370,000 BTU/hr. Female inlet and outlet connections. Sizes ¾" - 2" (20 - 50mm).

Series 374A
Iron body with forged brass inlet, 550,000 BTU/hr rating. ¾" (20mm) only.

Series 740
Iron body with expanded outlets for hot water space heating boilers. Pressure range 30 to 75psi (2 to 5 bar) with corresponding high ratings from 925,000 to 10,700,000 BTU/hr.

Series 174A


Series 740

Features

- Seat located above drain; water can't be trapped and sediment can't foul seat.
- Non-mechanical seat-to-disc alignment will not stick or freeze.
- Water seal of high temperature resisting material isolates spring working parts from water during relief.*

Specifications

Boiler Relief Valves
An ASME Section IV certified pressure relief valve shall be installed on each boiler as noted. The valve shall have a BTU rating in excess of the BTU rating of the boiler's heating output. Each hot water space heating boiler shall be equipped with a pressure relief valve set to relieve below the maximum boiler working pressure. The valve shall feature a raised seat and non-mechanical disc alignment. Working parts and spring shall be isolated from any discharge by a high temperature resistant material.* Valve shall be a Watts Series 174A, 374A or 740.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

* Does not apply to 374A

Operation

As thermal expansion conditions develop, pressure builds up to the setting of the relief valve. This will cause discharging of small quantity of water.

Should operating controls fail, permitting runaway firing, the boiler water may reach steam temperatures. The valve will then open to discharge steam at the rate or faster than the boiler can generate it, thus restoring system pressure to a safer level.

NOTICE

The discharge line must be the same size as the valve outlet, and must pitch downward from the valve to a safe place for disposal.

Valve lever must be tripped at least once a year to ensure that waterways are clear. This device is designed for emergency safety relief and shall not be used as an operating control.

⚠ WARNING

It is illegal to use this product in any plumbing system providing water for human consumption, such as drinking or dishwashing, in the United States. Before installing standard material product, consult your local water authority, building and plumbing codes.

WATTS®

Materials

Series 174A
- Bronze body construction
- Nonmetallic disc-to-metal seating

Series 740
- Iron body construction
- Nonmetallic disc-to-metal seating

Pressure – Temperature

Series 174A
Pressure range: 30psi to 150psi (2 to 10 bar) with corresponding high BTU/hr ratings from 650,000 to 14,370,000 BTU/hr. Maximum Temperature: 250 ºF (121 ºC)

Series. 374A
Pressure range: rated up to 550,000 BTU/hr at a 30psi (2 bar) setting. (Other settings available)

Series 740
Pressure range: 30psi to 75psi (2 to 5 bar) with corresponding high ratings from 925,000 to 10,700,000 BTU/hr. Maximum Temperature: 250 ºF (121 ºC)

Standards

ASME

Tested and rated by the National Board of Boiler and Pressure Vessel Inspectors to the requirements of ASME. Meets Military Spec. MIL-V-18634B, Type I, Class 3A, Style A (Bronze Body), Style B (Iron Body).

Dimensions – Weights

SERIES 174A									
	Size (Dn)			Height		Length		Weight	
Model	in.	mm	Model	in.	mm	in	mm	lbs.	kg.
374A	¾ x ¾	20 x 20	–	3½	90	2½	64	1.2	0.5
174A	¾ x ¾	20 x 20	M3	4½	116	2¾	67	1.2	0.5
174A	1 x 1	25 x 25	M1	5¾	144	3	76	1.9	0.9
174A	1¼ x 1¼	32 x 32	M1	8½	213	4¼	109	4.6	2.1
174A	1½ x 1½	40 x 40	M	9¼	232	4¾	122	6.9	3.1
174A	2 x 2	50 x 50	M	11½	290	6½	162	14.4	6.5
SERIES 740									
740	¾ x 1	20 x 25	M1	5⅝	143	3	76	1.88	9
740	1 x 1¼	25 x 32	M	7¼	184	3½	89	3.13	1.4
740	1¼ x 1½	32 x 40	M	8¾	222	4⅝	117	6.13	2.8
740	1½ x 2	40 x 50	M	9¼	235	5¼	133	7.50	3.4
740	2 x 2½	50 x 65	M	11⅝	295	6¾	171	16.50	7.5

Capacity*

BTU/hr Steam Pressure Discharge Capacities
As tested and rated by the National Board of Boiler and Pressure Vessel Inspectors

SERIES 174A						
Set Pressure		¾" x ¾"	1" x 1"	1¼" x 1¼"	1½" x 1½"	2" x 2"
		20 x 20mm	25 x 25mm	32 x 32mm	40 x 40mm	50 x 50mm
psi	bar	Model M3	Model M1	Model M1	Model M	Model M
30	2.07	650,000	1,005,000	1,682,000	2,020,000	3,815,000
33	2.27	695,000	1,075,000	1,788,000	2,150,000	4,080,000
35	2.41	725,000	1,125,000	1,877,000	2,250,000	4,250,000
36	2.48	740,000	1,145,000	1,916,000	2,310,000	4,344,000
40	2.76	800,000	1,240,000	2,071,000	2,490,000	4,690,000
45	3.1	875,000	1,355,000	2,265,000	2,720,000	5,130,000
50	3.45	950,000	1,470,000	2,459,000	2,950,000	5,575,000
55	3.79	1,025,000	1,590,000	2,653,000	3,190,000	6,010,000
60	4.13	1,100,000	1,702,000	2,847,000	3,425,000	6,450,000
65	4.58	1,170,000	1,820,000	3,041,000	3,660,000	6,890,000
70	4.82	1,245,000	1,935,000	3,325,000	3,890,000	7,330,000
75	5.17	1,320,000	2,055,000	3,429,000	4,125,000	7,770,000
80	5.51	1,400,000	2,166,000	3,605,000	4,360,000	8,215,000
85	5.86	1,470,000	2,285,000	3,817,000	4,590,000	8,650,000
90	6.6	1,545,000	2,400,000	4,011,000	4,825,000	9,090,000
95	6.55	1,620,000	2,520,000	4,205,000	5,060,000	9,530,000
100	6.89	1,695,000	2,635,000	4,399,000	5,290,000	9,970,000
105	7.23	1,770,000	2,750,000	4,593,000	5,525,000	10,410,000
110	7.58	1,845,000	2,865,000	4,787,000	5,760,000	10,850,000
115	7.92	1,920,000	2,980,000	4,981,000	5,990,000	11,290,000
120	8.27	1,995,000	3,100,000	5,175,000	6,225,000	11,730,000
125	8.61	2,070,000	3,215,000	5,370,000	6,460,000	12,170,000
130	8.96	2,145,000	3,330,000	5,564,000	6,690,000	12,610,000
135	9.3	2,220,000	3,445,000	5,758,000	6,925,000	13,050,000
140	9.65	2,295,000	3,565,000	5,952,000	7,160,000	13,490,000
145	9.99	2,370,000	3,680,000	6,146,000	7,390,000	13,390,000
150	10.34	2,445,000	3,795,000	6,340,000	7,630,000	14,370,000
SERIES 740						
Set Pressure		¾" x 1"	1" x 1¼"	1¼" x 1½"	1½" x 2"	2" x 2½"
		20 x 25mm	25 x 32mm	32 x 40mm	40 x 50mm	50 x 65mm
psi	bar	Model M1	Model M	Model M	Model M	Model M
30	2.07	925,000	1,300,000	2,105,000	2,900,000	5,250,000
33	2.27	989,000	1,390,000	2,250,000	3,100,000	5,613,000
35	2.41	1,032,000	1,450,000	2,345,000	3,235,000	5,855,000
36	2.48	1,053,000	1,480,000	2,395,000	3,300,000	5,975,000
40	2.76	1,139,000	1,600,000	2,590,000	3,569,000	6,461,000
45	3.10	1,245,000	1,750,000	2,830,000	3,903,000	7,067,000
50	3.45	1,352,000	1,899,000	3,075,000	4,237,000	7,672,000
55	3.79	1,459,000	2,049,000	3,315,000	4,572,000	8,277,000
60	4.13	1,566,000	2,200,000	3,560,000	4,907,000	8,883,000
65	4.58	1,672,000	2,349,000	3,800,000	5,241,000	9,488,000
70	4.82	1,779,000	2,499,000	4,045,000	5,575,000	10,093,000
75	5.17	1,886,000	2,649,000	4,285,000	5,909,000	10,700,000

A Watts Water Technologies Company

USA: Tel: (978) 689-6066 • Fax: (978) 975-8350 • Watts.com
Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • Watts.ca
Latin America: Tel: (52) 81-1001-8600 • Fax: (52) 81-8000-7091 • Watts.com

For Commercial Water Heater Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

LEAD FREE*

Series LF40, LF140, LFN240, and LF340

Automatic Re-seating T&P Relief Valves

The combined 2-in-1 Temperature & Pressure Relief Valve provides the least expensive and proven means for protection against both excessive temperature and pressure emergency conditions.

Fully automatic temperature and pressure relief protection for domestic hot water supply tanks and heaters based on the latest ANSI Z21.22 Listing requirements for temperature discharge capacity. The LF40, LF140, LFN240, and LF340 feature Lead Free* construction to comply with Lead Free* installation requirements.

LF40XL with test lever and extension thermostat for installation in hot water outlet within the allowable distance from the top of the tank based on latest ANSI Z21.22. Sizes ¾" and 1".

LF40L with test lever and short thermostat for installation directly in available tank tappings. Sizes ¾" and 1".

Series LF140, LFN240 and LF340 have the same basic body construction and advanced design features as the Series LF40 except for discharge capacity and size of inlet and outlet connections. For complete specifications (including specifications for the Series LF40) see other side. Sizes 1", 1¼", 1½" and 2".

Series LF40L and LF40XL

Series LF140

Series LFN240X

Series LF340

Features

- Lead Free cast body
- Non-mechanical seat-to-disc alignment
- Tamper-resistant bonnet screws
- Series ¾" LF40, LF140 and 1" LF40 feature a unique thermostat with a special thermo-bonded coating
- Series 1" LF140 are furnished with stainless steel thermostat tube
- Series LFN240, LF340 and LF342 are furnished with stainless steel thermostat tube

Specifications

Temperature & Pressure Relief Valves

Each hot water storage heater shall be equipped with an automatic temperature and pressure relief valve to protect the heater from excessive pressure and excessive temperature. The device shall be certified as meeting the requirements of ASME low pressure heating boiler code and ANSI Z21.22. The BTU discharge capacity of the device shall be in excess of the BTU input rating of the heater. The device shall be constructed using Lead Free* materials. Lead Free* automatic re-seating T&P relief valves shall comply with state codes and standards, where applicable, requiring reduced lead content. The T&P valve shall be a Watts Series LF40, LF140, LFN240 or LF340.

⚠ WARNING

Following installation, the valve lever MUST be operated AT LEAST ONCE A YEAR by the water heater owner to ensure that the waterways are clear. Certain naturally occurring mineral deposits may adhere to the valve, blocking waterways, rendering it inoperative. When the lever is operated, Hot water will discharge if the waterways are clear. Precautions must be taken to avoid personal injury from contact with hot water and to avoid property damage.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

NOTICE

Inquire with governing authorities for local installation requirements

***The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.**

WATTS®

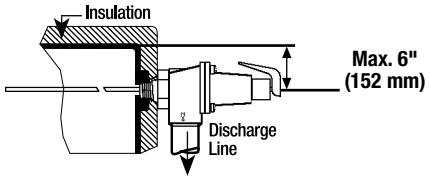
Direct Side Tapping

FOR EXTERNAL FLUE HEATERS

Use extra length extension thermostat to extend into water storage tank.

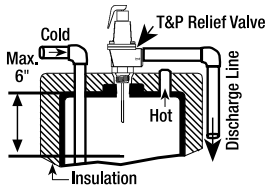
FOR INTERNAL FLUE HEATERS

Use short or standard length thermostat. Vertical discharge line must be installed with its direction downward.



For Heaters with Direct Top Tapping

Use standard or extra length extension thermostat.



Standards

ASME Rated, ANSI Z21.22, Design certified and listed by CSA, National Board of B&PVI to Section IV of the ASME B&PV code and meet current FHA requirements and ANSI Z21.22 in addition to Military Spec. MIL-V-136-12D, Type I.

Pressure – Temperature

Temperature relief: 210°F (99°C)

Pressure range: 75 – 150psi (5.2 – 10.3 bar)

Standard setting: 75, 100, 125 and 150psi (5.2, 6.9, 8.6 and 10.3 bar)

General Recommendations†

For gas, electric or oil-fired storage water heaters between 180,000 to 205,000 BTU/Hr. rating: **Use ¾" Series LF40, LF140 tested under ANSI Z21.22 with ratings as certified and listed by CSA.**

For gas or oil-fired storage water heaters between 205,000 and 730,000 BTU/Hr. rating and for compliance with applicable water heater labeling requirements: **Use 1" LF40, LF140, LFN240 Series tested under ANSI Z21.22 with ratings as certified and listed by CSA.**

For installations of gas or oil-fired hot water supply boilers over 730,000 BTU/Hr. output heating domestic water and for steam coil storage water heaters: **Use Series LF340, LF342 tested under ANSI Z21.22 with rating as certified and listed by CSA.**

MODEL	INLET X OUTLET	THERMOSTAT LENGTH (BELOW INLET THREAD)	DIMENSIONS HEIGHT (LESS THERMOSTAT)	DIMENSIONS WIDTH	WEIGHT	CSA TEMP. STEAM	**ASME PRESSURE STEAM RATING BTU/HR			
	in.	*in.*	*in.*	*in.*	*lbs.*	*Rating BTU/HR*	*@75psi set pres.*	*@100psi set pres.*	*@125psi set pres.*	*@150psi set pres.*
LF40L-3	¾ M x ¾ F	3	5⅝	2⅝	1¾	180,000	778,000	998,000	1,218,000	1,438,000
LF40XL-5	¾ M x ¾ F	5	5⅝	2⅝	1¾	205,000	778,000	998,000	1,218,000	1,438,000
LF40XL-8	¾ M x ¾ F	8	5⅝	2⅝	1¾	205,000	778,000	998,000	1,218,000	1,438,000
LF140S-3	¾ F x ¾ F	3	5⅝	2⅝	1¾	180,000	778,000	998,000	1,218,000	1,438,000
LF140X-5	¾ F x ¾ F	5	5⅝	2⅝	1¾	205,000	778,000	998,000	1,218,000	1,438,000
LF140X-8	¾ F x ¾ F	8	5⅝	2⅝	1¾	205,000	778,000	998,000	1,218,000	1,438,000
LF40L-2	1M x 1F	2	6¼	2¾	2¼	450,000	1,155,000	1,481,000	1,808,000	2,135,000
LF40XL-4	1M x 1F	4	6¼	2¾	2¼	500,000	1,155,000	1,481,000	1,808,000	2,135,000
LF40XL-7	1M x 1F	7	6¼	2¾	2¼	500,000	1,155,000	1,481,000	1,808,000	2,135,000
*LF140S-3	1F x 1F	3	5¾	3	2¼	570,000	1,670,000	2,140,000	2,610,000	3,085,000
*LF140X-6	1F x 1F	6	5¾	3	2¼	670,000	1,670,000	2,140,000	2,610,000	3,085,000
*LF140X-9	1F x 1F	9	5¾	3	2¼	670,000	1,670,000	2,140,000	2,610,000	3,085,000
*LFN240X-6	1F x 1F	6	6¼	3¼	2¾	730,000	2,195,000	2,817,000	3,438,000	4,059,000
*LFN240X-9	1F x 1F	9	6¼	3¼	2¾	730,000	2,195,000	2,817,000	3,438,000	4,059,000
*LFN241X-5	1¼ M x 1F	5	7⅜	3¼	2¾	730,000	2,195,000	2,817,000	3,438,000	4,059,000
*LFN241X-8	1¼ M x 1F	8	7⅜	3¼	2¾	730,000	2,195,000	2,817,000	3,438,000	4,059,000
*LF340-3	1½ F x 1½ F	3	9¾	4½	7	1,150,000	3,450,000	4,426,000	5,403,000	6,379,000
*LF340X-8	1½ F x 1½ F	8	9¾	4½	8	1,150,000	3,450,000	4,426,000	5,403,000	6,379,000
*LF342-3	2 M x 1½ F	3	9¾	4½	7	1,150,000	3,450,000	4,426,000	5,403,000	6,379,000
*LF342X-8	2 M x 1½ F	8	9¾	4½	8	1,150,000	3,450,000	4,426,000	5,403,000	6,379,000

*Furnished with stainless steel thermostat tube. M = Male F = Female

**ASME capacities are steam pressure ratings and do not reflect the CSA temperature relieving capacity of the valves for selection purposes.

†LFLL40XL and LFLLL40XL valves with extended inlet shanks should be used for water heaters that have extra thick insulation, Ask for ES-LFLL/LLL40XL.

⚠ WARNING

Temperature and Pressure Relief Valves should be inspected AT LEAST ONCE EVERY TWO TO FOUR YEARS, and replaced, if necessary, by a licensed plumbing contractor or qualified service technician, to ensure that the product has not been affected by corrosive water conditions and to ensure that the valve and discharge line have not been altered or tampered with illegally. Certain naturally occurring conditions may corrode the valve or its components over time, rendering the valve inoperative. Such conditions can only be detected if the valve and its components are physically removed and inspected. Do not attempt to conduct an inspection on your own. Contact your plumbing contractor for a reinspection to ensure continuing safety.

USA: T: (978) 689-6066 • F: (978) 975-8350 • Watts.com
Canada: T: (905) 332-4090 • F: (905) 332-7068 • Watts.ca
Latin America: T: (52) 81-1001-8600 • Watts.com

"Apollo"® Valves
SUBMITTAL SHEET

RVW60

ASME Hot Water Safety Relief Valve - 10600 Series

Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

ASME Section IV capacity certified bronze safety relief valve for protection of hot water heating boilers, systems and similar equipment. It can be pre-set to any pressure ranging from 15 to 160 psig (1 to 11 bar) at 250°F (121°C) max.

FEATURES

- Sizes: 3/4" – 2" (20 – 50mm)
- ASME Section IV Certified Capacity
- Corrosion Resistant Construction
- Diaphragm Isolated Spring Chamber
- Extremely High Capacity
- **Made in the USA**

APPROVALS

- ASME Section IV Heating Boilers
- Canadian Registration Number 0G8547.5C
- Pressure Equipment Directive 2014/68/EU (PED)

STANDARD MATERIALS LIST

BODY/CAP	ASTM B584 Bronze
SPRING	Alloy Steel, Plated
SEAT	Silicone

PART NUMBER MATRIX

10	XX	X	X	X
SERIES NO.	MODEL	INLET SIZE	SET PRESSURE	OPTION
10	60 - STANDARD OUTLET	4 - 3/4"	PSIG (15-160)	CE - CE
	61 - OVERSIZE OUTLET	5 - 1"	SEE TABLE	
		6 - 1-1/4"		
		7 - 1-1/2"		
		8 - 2"		

PSIG SUFFIX

SUFFIX	SET PRESSURE	SUFFIX	SET PRESSURE
01	15	17	85
02	20	18	90
03	22	19	95
04	25	20	100
05	30	21	105
06	35	22	110
07	40	23	115
08	43	24	120
09	45	25	125
10	50	30	130
11	55	31	135
12	60	32	140
13	65	33	145
14	70	34	150
15	75	35	155
16	80	36	160

CAPACITY, BTU/HR

ASME HV Rating - 90% of Actual Capacity at 10% Overpressure

RVW60 (10600) STANDARD DISCHARGE PORT					
PSIG	**3/4" 10604**	**1" 10605**	**1-1/4" 10606**	**1-1/2" 10607**	**2" 10608**
15	541,000	876,000	1,515,000	2,061,000	3,397,000
30	827,000	1,339,000	2,316,000	3,151,000	5,193,000
50	1,209,000	1,956,000	3,384,000	4,604,000	7,589,000
100	2,162,000	3,500,000	6,055,000	8,238,000	13,577,000
125	2,639,000	4,272,000	7,390,000	10,054,000	16,571,000
150	3,116,000	5,044,000	8,725,000	11,871,000	19,565,000

RVW61 (10610) HIGH CAPACITY DISCHARGE PORT					
PSIG	**3/4" 10614**	**1" 10615**	**1-1/4" 10616**	**1-1/2" 10617**	**2" 10618**
15	635,000	1,027,000	1,777,000	2,417,000	3,984,000
30	970,000	1,570,000	2,716,000	3,696,000	6,091,000
50	1,418,000	2,295,000	3,969,000	5,400,000	8,900,000
100	2,536,000	4,105,000	7,101,000	9,661,000	15,924,000
125	3,096,000	5,011,000	8,668,000	11,792,000	19,435,000
150	3,655,000	5,916,000	10,234,000	13,923,000	22,947,000

AVAILABLE CONFIGURATIONS

SERIES NUMBER	SIZE (IN.) FNPT X FNPT	HEIGHT (IN.) (MM)	WIDTH (IN.) (MM)	WEIGHT (LB.) (KG.)
10604 10614	3/4 x 3/4 3/4 x 1	5.3 (133)	3.2 (81)	2.3 (1.1)
10605 10615	1 x 1 1 x 1-1/4	6.7 (170)	4.0 (102)	4.0 (1.8)
10606 10616	1-1/4 x 1-1/4 1-1/4 x 1-1/2	8.4 (213)	5.1 (129)	7.7 (3.5)
10607 10617	1-1/2 x 1-1/2 1-1/2 x 2	10.8 (274)	5.9 (150)	11.25 (5.1)
10608 10618	2 x 2 2 x 2-1/2	14.0 (356)	7.2 (183)	23.5 (10.6)

(704) 841-6000
apollovalves.com

aalberts integrated piping systems

Model RVW62

ASME HOT WATER SAFETY RELIEF VALVE

(10-620/630 Series)

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

DESCRIPTION

The Apollo® RVW62 is an ASME Section IV capacity certified bronze safety relief valve for protection of hot water heating boilers, swimming pool heaters and similar equipment. It can be pre-set to any pressure ranging between 30 to 150 psig (2.1 to 10.3 bar) and 250°F (121°C).

FEATURES

- ASME Section IV (HV) Certified Capacity
- 30-150 psig (2.1 to 10.3 bar) Set Pressure Range
- Corrosion Resistant Construction
- Diaphragm Isolated Spring Chamber
- Male or Female NPT Inlet
- MADE IN THE USA

MATERIALS

Body: ASTM B 584 Bronze
Bonnet: ASTM B584 Bronze
Diaphragm: Reinforced EPDM
Spring: Stainless Steel
Seat: Silicone

OPTIONS

☐ ¾" Male NPT inlet (RVW62)

☐ ¾" Female NPT inlet (RVW62F)

☐ Set Pressure (psig) (30-150)

APPROVALS

HV NB

ASME Section IV – Heating Boilers
Canadian Registration Number 0G8547.5C

CAPACITY

ASME HV Rating – 90% of actual capacity at 10% overpressure

Set Pressure		Capacity
Psig	Bar	BTU/HR
30	2.07	689,000
50	3.45	1,007,000
75	5.17	1,405,000
100	6.90	1,802,000
125	8.62	2,199,000
150	10.34	2,597,000

DIMENSIONS

Series (Model)	SIZE	Height		Width		Weight	
	In x Out	in.	mm	in.	mm	lbs	kgs
10624 (RVW62)	3/4M x 3/4F	4.6	117	2.35	60	1.0	.48
10634 (RVW62F)	3/4F x 3/4F	4.5	114	2.35	60	1.0	.48

Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28105 USA ; www.apollovalves.com ; 704-841-6000