



# Model RVW60

## ASME HOT WATER SAFETY RELIEF VALVE (10600 Series)

Job Name:

Contractor:

Job Location:

P.O. Number:

Engineer:

Representative:

Tag:

Wholesale Distributor:

### 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
- Directive 97/23/EC (PED) Compliant Option
- MADE IN THE USA

### MATERIALS

Body/Cap: ASTM B584 Bronze

Spring: Alloy Steel, plated

Seat: Silicone

### CAPACITIES, BTU/HR

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

| RVW60 Standard Discharge Port |               |             |                 |                 |             |
|-------------------------------|---------------|-------------|-----------------|-----------------|-------------|
| PSIG                          | 3/4"<br>10604 | 1"<br>10605 | 1-1/4"<br>10606 | 1-1/2"<br>10607 | 2"<br>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 High Capacity Discharge Port |               |             |                 |                 |             |
|------------------------------------|---------------|-------------|-----------------|-----------------|-------------|
| PSIG                               | 3/4"<br>10614 | 1"<br>10615 | 1-1/4"<br>10616 | 1-1/2"<br>10617 | 2"<br>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  |



### Model

☐ Standard Outlet (RVW60) ☐ Oversize Outlet (RVW61)

### Size (Inlet)

☐ 3/4" ☐ 1" ☐ 1-1/4" ☐ 1-1/2" ☐ 2"

### Set Pressure

psig (15-160)

### DIMENSIONS

| Series | Size<br>FNPT x FNPT | Height |     | Width |     | Weight |      |
|--------|---------------------|--------|-----|-------|-----|--------|------|
|        |                     | In.    | mm  | In.   | mm  | lbs.   | kgs  |
| 10604  | 3/4 x 3/4           | 5.3    | 133 | 3.2   | 81  | 2.3    | 1.1  |
| 10614  | 3/4 x 1             |        |     |       |     |        |      |
| 10605  | 1 x 1               | 6.7    | 170 | 4.0   | 102 | 4.0    | 1.8  |
| 10615  | 1 x 1-1/4           |        |     |       |     |        |      |
| 10606  | 1-1/4 x 1-1/4       | 8.4    | 213 | 5.1   | 129 | 7.7    | 3.5  |
| 10616  | 1-1/4 x 1-1/2       |        |     |       |     |        |      |
| 10607  | 1-1/2 x 1-1/2       | 10.8   | 274 | 5.9   | 150 | 11.25  | 5.1  |
| 10617  | 1-1/2 x 2           |        |     |       |     |        |      |
| 10608  | 2 x 2               | 14.0   | 356 | 7.2   | 183 | 23.5   | 10.6 |
| 10618  | 2 x 2-1/2           |        |     |       |     |        |      |

### APPROVALS



ASME Section IV Heating Boilers  
Pressure Equipment Directive 97/23/EC (PED)  
Canadian Registration Number 0G8547.5C

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