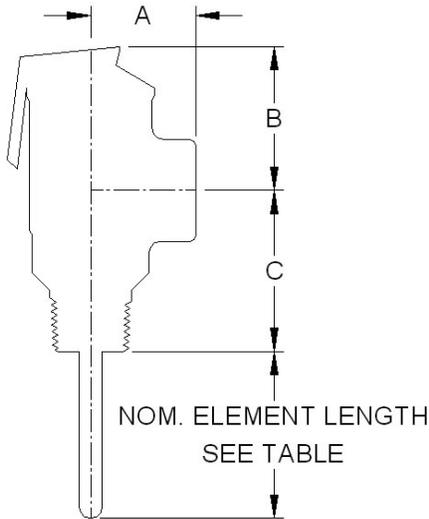


# SAFETY & RELIEF VALVES

## Bronze High Capacity Commercial T&P Valves

### 18C SERIES



#### Special statement regarding T&P Valves and compliance to the Lead Free requirements of the U.S. Safe Drinking Water Act.

Effective January 4th 2014 the SDWA requires that pipes, fittings or fixtures used to convey or dispense potable water must be lead free. Further clarification has been provided by the EPA in a document titled "Summary of the Reduction of Lead In Drinking Water Act and frequently Asked Questions". The latest document can be viewed on our website: [www.apollovalves.com/lead\\_free](http://www.apollovalves.com/lead_free); click on the NEW EPA FAQ link.

FAQ #6 states that water heaters are covered by the Act and must comply. However most water heater OEM's are certifying their heaters as complete assemblies using non-Lead Free T&P valves due to their relatively small wetted surface area.

FAQ #23 acknowledges this and states that replacement parts (including T&P valves) need not be lead free as long as the entire water heater with all installed components overall device would meet the Lead Free requirements of the Act.

The Apollo® 18C-500 Series bronze automatic temperature and pressure relief valves are used for high capacity protection of commercial hot water heaters and storage tanks.

#### FEATURES:

- ASME Section IV certified capacity
- 3/4" through 2" NPT connections
- CSA Listed and certified to ANSI Z21.22
- 125 and 150 psig set pressures at 210°F max
- Coated element protects against corrosion
- SS elements (1-1/2" and 2")
- ASME Section IV heating boilers
- Canadian registration number CSA- 0G1438.6C



HV  
Section IV  
Heating Boilers



#### DIMENSIONS AND WEIGHTS

| Part Number | Size (in.)  | Element Length (in.) | Inlet Type | CSA Capacity Rating Btu/HR | *ASME Cap. Rating BTU/HR |
|-------------|-------------|----------------------|------------|----------------------------|--------------------------|
| 18C5113125  | 3/4"        | 2.69"                | M          | 185,000                    | 1,619,000                |
| 18C5113150  | 3/4"        | 2.69"                | M          | 185,000                    | 1,912,000                |
| 18C5115125  | 3/4"        | 4.38"                | M          | 205,000                    | 1,619,000                |
| 18C5115150  | 3/4"        | 4.38"                | M          | 205,000                    | 1,912,000                |
| 18C5118125  | 3/4"        | 7.56"                | M          | 205,000                    | 1,619,000                |
| 18C5118150  | 3/4"        | 7.56"                | M          | 205,000                    | 1,912,000                |
| 18C5123125  | 3/4"        | 2.88"                | F          | 185,000                    | 1,619,000                |
| 18C5123150  | 3/4"        | 2.88"                | F          | 185,000                    | 1,912,000                |
| 18C5125125  | 3/4"        | 4.56"                | F          | 205,000                    | 1,619,000                |
| 18C5125150  | 3/4"        | 4.56"                | F          | 205,000                    | 1,912,000                |
| 18C5128125  | 3/4"        | 7.75"                | F          | 205,000                    | 1,619,000                |
| 18C5128150  | 3/4"        | 7.75"                | F          | 205,000                    | 1,912,000                |
| 18C5213125  | 1"          | 3.06"                | M          | 500,000                    | 1,825,000                |
| 18C5213150  | 1"          | 3.06"                | M          | 500,000                    | 2,155,000                |
| 18C5215125  | 1"          | 4.75"                | M          | 500,000                    | 1,825,000                |
| 18C5215150  | 1"          | 4.75"                | M          | 500,000                    | 2,155,000                |
| 18C5225125  | 1"          | 4.75"                | F          | 750,000                    | 3,070,000                |
| 18C5225150  | 1"          | 4.75"                | F          | 750,000                    | 3,625,000                |
| 18C5228125  | 1"          | 8.13"                | F          | 750,000                    | 3,070,000                |
| 18C5228150  | 1"          | 8.13"                | F          | 750,000                    | 3,625,000                |
| 18C5314125  | 1-1/4" x 1" | 3.97"                | M          | 750,000                    | 3,070,000                |
| 18C5314150  | 1-1/4" x 1" | 3.97"                | M          | 750,000                    | 3,625,000                |
| 18C5424125  | 1-1/2"      | 4.13"                | F          | 1,200,000                  | 5,125,000                |
| 18C5424150  | 1-1/2"      | 4.13"                | F          | 1,200,000                  | 6,050,000                |
| 18C5513125  | 2" x 1-1/2" | 3.25"                | M          | 1,200,000                  | 5,125,000                |
| 18C5513150  | 2" x 1-1/2" | 3.25"                | M          | 1,200,000                  | 6,050,000                |

\* National Board certified capacity per ASME Section IV-Heating Boilers

#### DIMENSIONS AND WEIGHTS

| Model Number | Inlet Size (in./mm.)   | Dimensions (in./mm.) |       |      |
|--------------|------------------------|----------------------|-------|------|
|              |                        | A                    | B     | C    |
| 18C511       | 3/4" M x 3/4" FNPT     | 1.50                 | 3.47  | 2.53 |
|              | (20)                   | (40)                 | (88)  | (64) |
| 18C512       | 3/4" F x 3/4" FNPT     | 1.50                 | 3.47  | 2.35 |
|              | (20)                   | (40)                 | (88)  | (60) |
| 18C521       | 1" M x 1" FNPT         | 1.56                 | 3.47  | 2.38 |
|              | (25)                   | (40)                 | (88)  | (60) |
| 18C522       | 1" F x 1" FNPT         | 1.56                 | 3.47  | 2.13 |
|              | (25)                   | (40)                 | (88)  | (54) |
| 18C531       | 1-1/4" M x 1" FNPT     | 1.75                 | 4.34  | 1.91 |
|              | (32)                   | (44)                 | (110) | (49) |
| 18C542       | 1-1/2" M x 1-1/2" FNPT | 2.47                 | 5.84  | 1.71 |
|              | (40)                   | (63)                 | (148) | (43) |
| 18C551       | 2" M x 1-1/2" FNPT     | 2.47                 | 5.84  | 2.59 |
|              | (50)                   | (63)                 | (148) | (66) |