



MODEL TPC

COMMERCIAL ASME T&P RELIEF VALVE (18C-500 SERIES)

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

DESCRIPTION

The Apollo® TPC bronze automatic temperature and pressure relief valves are used for protection of high capacity 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 @ 210°F max
- Coated Element Protects Against Corrosion
- SS Elements (1-1/2" and 2")

MATERIALS

Body: ASTM B584 Bronze
 Seat Stem: ASTM B16, Brass
 Seat disc: Silicone
 Element Tube Coating: Nylon
 Element Spring: Type 304 SST
 Element Pin: Type 302 SST

CAPACITY

| PART NUMBER | INLET SIZE | ELEM LGTH | INLET TYPE | CSA CAPACITY BTU/HR | ASME CAPACITY BTU/HR |
|-------------|------------|-----------|------------|---------------------|----------------------|
| 18C5113125 | 3/4" | 3" | MALE | 185,000 | 1,619,000 |
| 18C5113150 | 3/4" | 3" | MALE | 185,000 | 1,912,000 |
| 18C5115125 | 3/4" | 5" | MALE | 205,000 | 1,619,000 |
| 18C5115150 | 3/4" | 5" | MALE | 205,000 | 1,912,000 |
| 18C5118125 | 3/4" | 8" | MALE | 205,000 | 1,619,000 |
| 18C5118150 | 3/4" | 8" | MALE | 205,000 | 1,912,000 |
| 18C5123125 | 3/4" | 3" | FEM | 185,000 | 1,619,000 |
| 18C5123150 | 3/4" | 3" | FEM | 185,000 | 1,912,000 |
| 18C5125125 | 3/4" | 5" | FEM | 205,000 | 1,619,000 |
| 18C5125150 | 3/4" | 5" | FEM | 205,000 | 1,912,000 |
| 18C5128125 | 3/4" | 8" | FEM | 205,000 | 1,619,000 |
| 18C5128150 | 3/4" | 8" | FEM | 205,000 | 1,912,000 |
| 18C5213125 | 1" | 3" | MALE | 500,000 | 1,825,000 |
| 18C5213150 | 1" | 3" | MALE | 500,000 | 2,155,000 |
| 18C5215125 | 1" | 5" | MALE | 500,000 | 1,825,000 |
| 18C5215150 | 1" | 5" | MALE | 500,000 | 2,155,000 |
| 18C5225125 | 1" | 5" | FEM | 750,000 | 3,070,000 |
| 18C5225150 | 1" | 5" | FEM | 750,000 | 3,625,000 |
| 18C5228125 | 1" | 8" | FEM | 750,000 | 3,070,000 |
| 18C5228150 | 1" | 8" | FEM | 750,000 | 3,625,000 |
| 18C5314125 | 1-1/4" | 4" | MALE | 750,000 | 3,070,000 |
| 18C5314150 | 1-1/4" | 4" | MALE | 750,000 | 3,625,000 |
| 18C5424125 | 1-1/2" | 4" | FEM | 1,200,000 | 5,125,000 |
| 18C5424150 | 1-1/2" | 4" | FEM | 1,200,000 | 6,050,000 |
| 18C5513125 | 2" | 3" | MALE | 1,200,000 | 5,125,000 |
| 18C5513150 | 2" | 3" | MALE | 1,200,000 | 6,050,000 |



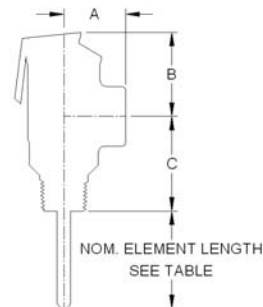
APPROVALS



ASME Section IV Heating Boilers
 Canadian Registration Number 0G1438.6C

DIMENSIONS

| MODEL # (SERIES) | Inlet Size | Outlet Size | A in(mm) | B in(mm) | C in(mm) | Weight Lbs(kg) |
|------------------|-------------|-------------|-----------|------------|-----------|----------------|
| TPC-34 (18C511) | 3/4" NPT | 3/4" FNPT | 1.5 (38) | 3.5 (87) | 2.5 (63) | 1.4 (.63) |
| TPC-1 (18C521) | 1" NPT | 1" FNPT | 1.5 (38) | 3.5 (87) | 2.12 (54) | 1.25 (.56) |
| TPC-114 (18C531) | 1-1/4" NPT | 1" FNPT | 1.63 (42) | 3.38 (86) | 2.13 (54) | 2.6 (1.2) |
| TPC-112 (18C542) | 1-1/2" FNPT | 1-1/2" FNPT | 2.5 (63) | 5.87 (147) | 1.61 (41) | 5.1 (2.3) |
| TPC-2 (18C551) | 2" NPT | 1-1/2" FNPT | 2.5 (63) | 5.87 (147) | 2.6 (66) | 5.4 (2.5) |



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