



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



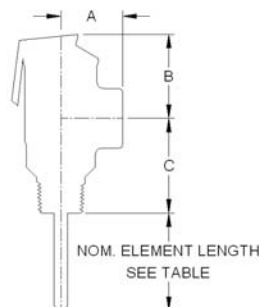
APPROVALS



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)



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

This specification is provided for reference only. Conbraco reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold.