Model P1000AXL

Pressure Relief Valve with Manual Purge Lever

TAG

Application

Designed for installation on water heating storage vessels to protect against over-temperature or excessive pressure. (Not for steam service)

C US

Standards Compliance

(See below for applicable models and pressure settings)

- CSA Compliance to ANSI Z21.22/CSA 4.4
- Certified to ASME Section IV by National Board
- Meets the requirements of NSF/ANSI/CAN 372*

*(LESS THAN 0.25% WEIGHTED AVERAGE LEAD CONTENT)

Materials

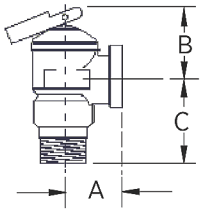
Main Valve Body	Cast Brass or Bronze ASTM B584
Internals	300 series Stainless Steel
	Brass ASTM B36 and B16 EP
	Silicone
Probes	Epoxy Coated copper tube FDA approved
Springs	Stainless Steel, ASTM A313



3/4" P1000AXL

Accessories

- Thermal Expansion Control Valve BVECXL
- Pressure Reducing Valve NR3XL
- Vacuum Relief Valve VR10XL
- Thermal Expansion Tank XT
- Pressure Reducing Valve with Venturi 500XL3



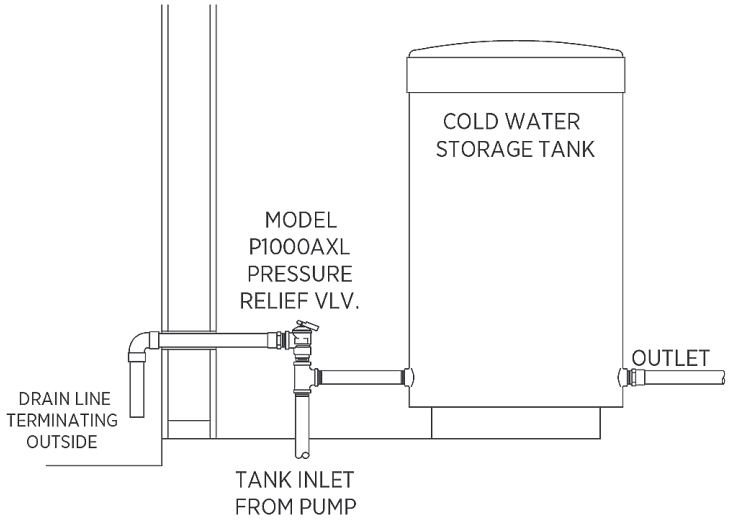
P1000AXL

Dimensions & Weights (do not include pkg.)

MODEL NUMBER	DISCHARGE RATES			RELIEF TEMP	DIMENSIONS							
	PRESS. RELIEF SETTING	ANSI Z21.22/ CSA 4.4	ASME SECTION IV		INLET	OUTLET	A		B		C	
	PSI	BTU/HR	BTU/HR	F			in.	mm	in.	mm	in.	mm
P1000AXL-30C	30	-	500,000	N/A	3/4 MNPT	3/4 FNPT	1-1/4	32	1-5/8	41	1-13/16	46
P1000AXL-75C	75	-	300,000	N/A	3/4 MNPT	3/4 FNPT	1-1/4	32	1-5/8	41	1-13/16	46
P1000AXL-125C	125	200,000	500,000	N/A	3/4 MNPT	3/4 FNPT	1-1/4	32	1-5/8	41	1-13/16	46
P1000AXL-150C	150	200,000	500,000	N/A	3/4 MNPT	3/4 FNPT	1-1/4	32	1-5/8	41	1-13/16	46

Typical Installation

Local codes shall govern installation requirements. Unless otherwise specified, the relief valve shall be installed in accordance with manufacturer's instructions and the latest edition of the Uniform Plumbing Code ®. Relief valves are designed to discharge water, always provide adequate drainage.



TYPICAL INSTALLATION

Specifications

The Relief Valve shall meet the requirements of the ASME Boiler and Pressure Vessel Code (Section IV) and shall be CSA Design Certified (ANSI Z21.22/CSA 4.4). This assembly shall be a Wilkins Model P1000AXL.