



**WYA-20**

### **Temperature & Pressure Relief Valve (WYA-20)**

**Designed and checked Based on American "ANSI Z21.22" Standard.**

#### **I 、 Using Method**

Temperature and Pressure Relief Valves is suitable for Installing at the Pressurized solar water heater, gas heater, electric water heater , water heater of fuel, heat pump water heater , sensitive function heater, etc. various kinds of heaters( such as the boiler) and hot water containers . The valve will be opened at the set temperature and pressure to protect the water tank.

#### **II 、 Technical Parameter**

- Set Pressure(Psi): 75,87,100,125,150psi (0.5、 0.6、 0.7、 0.8、 1.0MPa)
- Set Pressure Tolerance: +5%,-10% of the set pressure.
- Set Temperature: From 65°C to99°C. (As you're required)

- Set Temperature Tolerance: 99°C-5°C; other set Temperature is ±5°C

PS: We can made different type of valves as you're required.

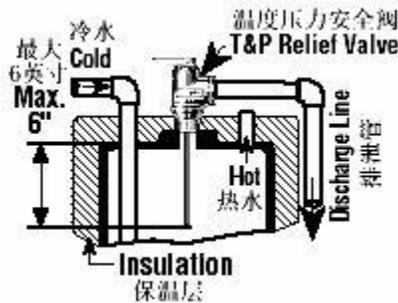
•Dimensions/Weights

MODEL	Size in	Inlet× Outlet in	A mm	B mm	D mm	T mm	Weight (g)	Temp. Steam Rating BTU/hr
WYA-15	1/2	1/2×1/2	41	83	31	100	(205)	15,000
WYA-20	3/4	3/4×3/4	42	83	31	100	(222)	105,000

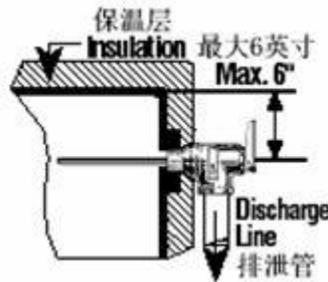
III、 How to Installation

- Temperature and Pressure Relief Valves should be installed on the top of the water heater top or side. The Temperature sensing element must be immersed in the water within the top 6" of the tank.

- The eliminating pipeline should be installed under the relief valve. Its terminal station distance in floor drain should be greater than 6" to make it easily remove and observe water



Direct Installed on the Top



Direct Installed in the Side

IV、 How to Safeguard And Maintenance:

- After installing water heater the users must lift the relief valve handle once at least every year, so as to ensure that unblocked things in the waterway of the relief valve.

- Before operating handles, please check the elimination pipeline which joining the relief valve, guaranteed that the hot water from the relief valve discharge the proper place, otherwise it may cause the bodily injury.

- If the handle is lifted, without water flowing out, it proves that the relief valve is invalid. Then it should turn off the water heater immediately and check the valve.

V、 Warranty time:12 Months.