

**Booster Outlet Copper Tube Conversion
Models ADC-44, ADC-66**

What this kit includes:

Part No.	Item	Quantity
294-1003*	ADC-44 Long Tube (11.375")	1
294-1003*	ADC-44 Short Tube (5.125")	1
294-1003*	ADC-66 Long Tube (27")	1
294-1003*	ADC-66 Short Tube (11.625")	1
292-1040	Straight Push-fit connector	2
292-1041	Elbow Push-fit connector	1

*These must be specified by model and size of tube. This part number is sold by unit length.

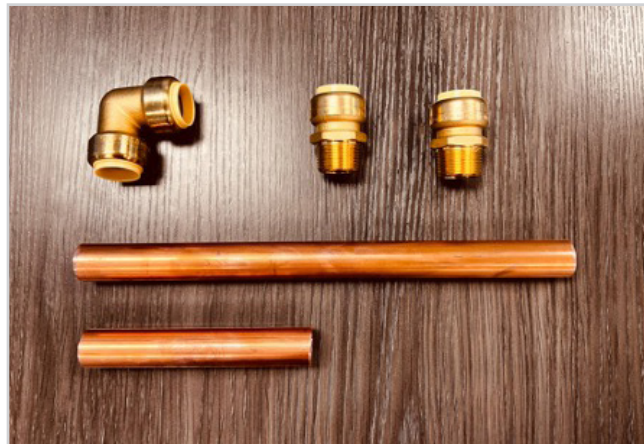


Figure 1. Kit Contents-ADC-44



DANGER

The electrical power supplied to this machine is an imminent hazard that could result in severe bodily injury or death if not properly installed or hooked up correctly. When working in the control box or on electrical parts, always disconnect power and tag-out before servicing. Replace cover to control box and other protective covers when finished servicing this equipment.

Do not attempt to repair or replace the booster heater until it is fully cooled. Working on a hot unit may result in severe burns or scalding.

Stainless Pipe Removal

Before removing the stainless tubing, drain the booster heater below the outlet by opening the relief valve (Fig. 2) located on the rear of the unit. This is done by lifting the lever on the valve and holding it open until the water has drained.

For ease of removal, loosen the booster heater mounting bolts to allow approximately $\frac{1}{2}$ in. (1.27 cm) of vertical movement. This clearance allows the pipe to clear the lower connection during removal.

Remove the stainless pipe threaded connectors. Lift the pipe out of the lower connection first, then disengage it from the upper connection and remove it from the unit.

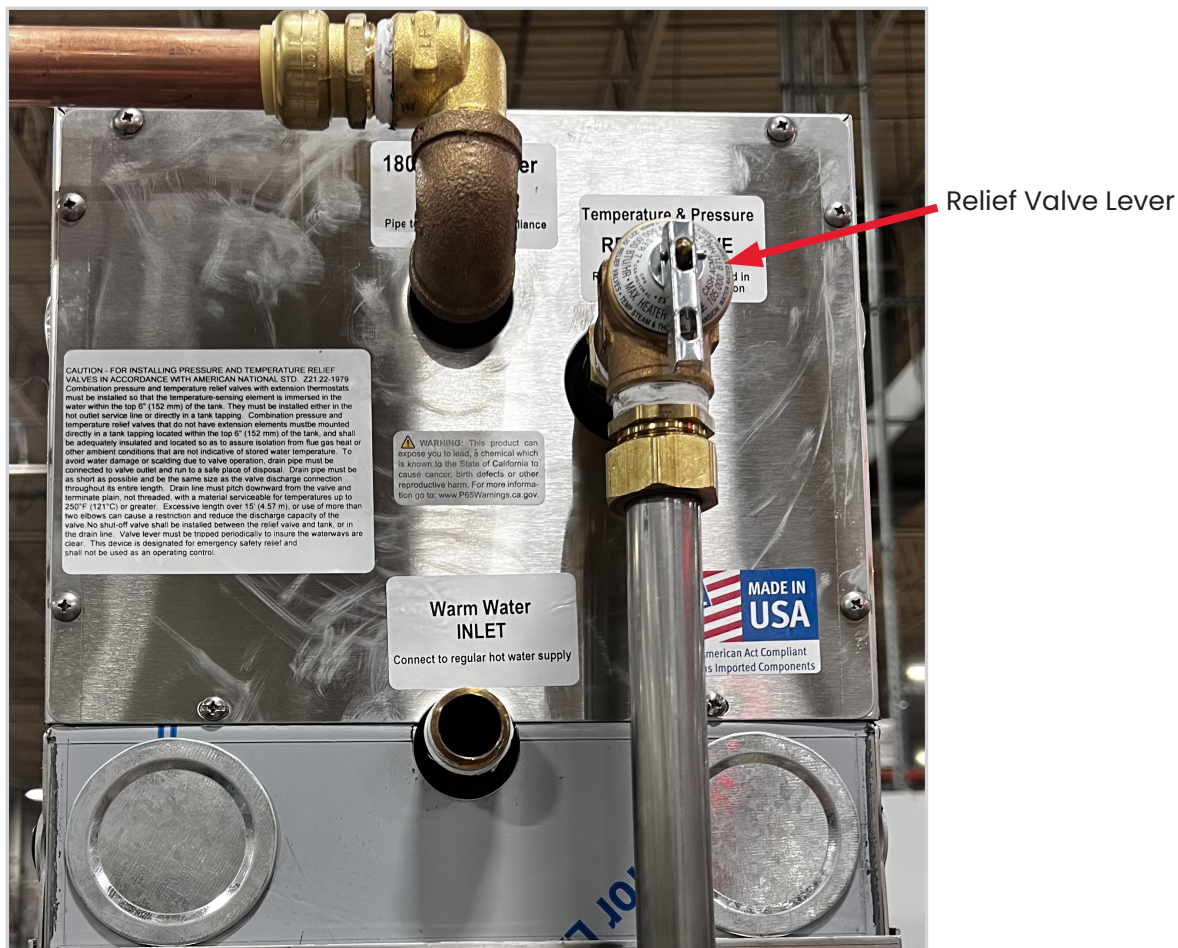


Figure 2. Drain Valve Location

Copper Tube Assembly

The original single curved stainless pipe is replaced with two sections of copper tubing joined by a central push-fit elbow. Refer to **Figures 3 and 4** for the **ADC-44** and **ADC-66** assemblies.

With the stainless pipe removed, begin assembly by installing the straight push-fit adapter into the brass elbow on the booster outlet. Wrap the adapter threads with thread-seal tape and tighten snugly into the brass elbow at both the upper and lower connections.

After installing the push-fit adapter, attach the horizontal section of copper tubing:

- 27 in. for **ADC-66**
- 5.125 in. for **ADC-44**

Next, attach the vertical section of copper tubing to the push-fit elbow:

- **11.625 in.** for **ADC-66**
- **11.1375 in.** for **ADC-44**

Lift the booster heater slightly to align the vertical tube with the lower connection. Once the lower connection is fully seated, restore the water supply and check all joints for leaks, ensuring that all threaded connections are properly sealed and tightened.



Figure 3. ADC-44 Booster Outlet Tubing



Figure 4. ADC-66 Booster Outlet Tubing



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