

# Installation and Instruction for Condensate Neutralizer Kits

For use with Weil-McLain Condensate Neutralizer Kit

Part Numbers 383-500-631, 383-600-076 & 383-600-287

## Hazard definitions

The following defined terms are used throughout these instructions to bring attention to the presence of hazards of various risk levels or to important information concerning the life of the product.

**⚠ WARNING** Indicates presence of hazards that can cause severe personal injury, death or substantial property damage.

**NOTICE** Indicates special instructions on installation, operation or maintenance that are important but not related to personal injury or property damage.

**To the installer:** These instructions must only be used by a qualified installer/service technician. Read these instructions completely before beginning the installation. Failure to follow all instructions can cause severe personal injury, death or substantial property damage.

**⚠ WARNING** Do NOT exhaust flue gases through the condensate tube, it is not rated for boiler or furnace flue gases. Operating the condensate tube as an exhaust vent can cause injury or death from carbon monoxide.

**Application:** Condensing boilers and furnaces.

**Kit Contents: P/N 383-500-631, 383-600-076 & 383-600-287**

- (1) Condensate Neutralizer Tube (383-500-631 14" 525MBH, 383-600-076 19" 1000MBH)  
(383-600-287 24" 3000MBH)
- (2) Barb Fitting 1/2 NPT x 1/2" O.D. (383-500-631 & 383-600-076)
- (2) Barb Fitting 3/4 NPT x 3/4" O.D. (383-600-287)
- (1) Plug 1/2 NPT
- (1) Installation Instructions for Condensate Neutralizer Kit (ULT-E022-A)

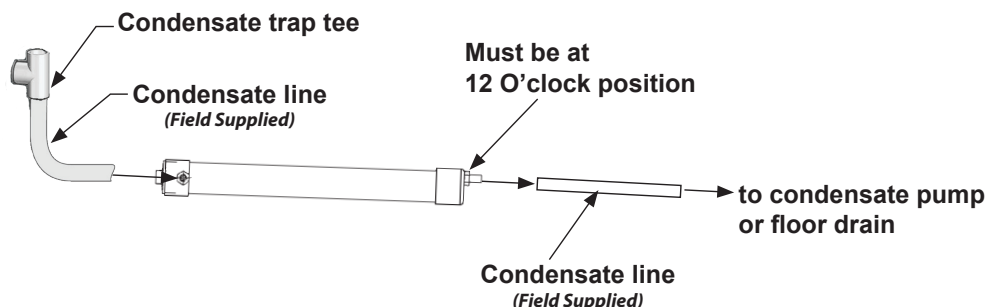
## Instructions:

**Step 1** Turn off electrical power to the boiler or furnace.

**Step 2** Turn off main manual gas shutoff to the boiler or furnace.

**Step 3** If you are using this kit to replace an existing condensate drain line, detach the existing condensate line from the boiler or furnace connection.

**Step 4** Connect plastic tubes or PVC piping from boiler or furnace condensate trap outlet to either one of the two neutralizer side inlets. Insert the 1/2 NPT Plug in the remaining neutralizer inlet. Connect the neutralizer end outlet to floor drain or condensate pump, making sure the drain line runs level or continuously downhill. Drain line must not be higher than the tee at jacket.



**⚠ WARNING**

Do not allow the drain line to rise above the height of the tee at any point. This could prevent the removal of condensate and could damage the boiler or furnace, or prevent it from operating. Condensate fill over-flow the tee and may cause damage to floor and other property. Failure to comply with this warning could result in severe personal injury, death or substantial property damage.

**Step 5** Use Teflon tape on all plastic fittings.

**Step 6** If necessary, provide support(s) under the condensate drain line to make sure it remains in position.

**⚠ WARNING**

Before operating the boiler or furnace, fill the condensate neutralizer tube and the appliance condensate trap with tap water. NEVER operate the condensate neutralizer tube or the appliance condensate trap dry. Failure to comply with this warning could result in severe personal injury, death or substantial property damage.

**Step 7** Turn on electrical power and gas to the boiler or furnace and restore the appliance to normal operation and verify condensate drains properly.

**NOTICE**

Installation must comply with all local, state, provincial and national codes, laws, regulations and ordinances.

**To the Owner:** Condensate neutralizer tubes should be replaced every two years, or every 2,000 operating hours, or when PH level moves below 6, whichever comes first.