

STEAMIST®

Auto Drain

Product: AD-240 and AD-208

Product: AD-240 (240 Volt) and AD-208 (208 Volt)

WARNING: POWER MUST BE TURNED OFF. Auto drain connections are 208/240 Volts. To prevent electrical shock power to the generator must be turned off.

CAUTION: To prevent damage to the home, do not operate the steam generator until the Auto Drain is fully piped to the drainage system. The drain opens automatically and exiting water may damage the home if it is not properly connected to the floor drain.

Introduction

This auto drain valve (AD-240 and AD-208) can be used on all TSG and SMP model steam generators.

1. Connecting the Auto Drain to the drainage system

- a) When installing the Auto Drain valve, make sure the directional arrow on the valve points away from the steam unit.
- b) Using ½" pipe and a union, connect the drain outlet to a drainage system. The pipe must be pitched down and away from the steam generator; the water will drain by gravity.

CAUTION: Any upward pitch of the drain would collect sediment and prevent proper draining and damage the steam generator.

NOTE: Do NOT connect the auto drain pipe to the steam line, Safety Relief Valve line, or to the generator pan.

IMPORTANT: When connecting the drain outlet to the drainage system, be sure to follow National and Local Plumbing codes.

- c) Pipe the Auto Drain outlet to empty into a floor drain. The outlet should be connected to an indirect waste and must have a minimum air gap of twice the diameter of the Auto Drain pipe. The air gap is measured from the top rim of the floor drain to the end of the Auto Drain pipe. The floor drain must be properly vented and trapped.

NOTE: Valve MUST be in CLOSED position before use. Move lever up to release into the closed position (See Figure 1).

- d) Have an electrician connect the two wires from the valve to the terminal block located on the circuit board of the steam generator.

2. Operation of the Auto Drain

The drain valve is a normally closed valve which opens each time the steam generator drains. The valve is held closed throughout the steambath cycle and remains closed after the steambath or until the steam generator cools for approximately 8 hours. During the drain cycle the drain valve will remain open for 3 minutes total. After 2 ½ minutes the water solenoid valve will open and flush the tank.

Wiring

Run two black leads from the Auto Drain to the Terminal Block located on the circuit board in the diagram below.

Figure 1: Installation Illustration

