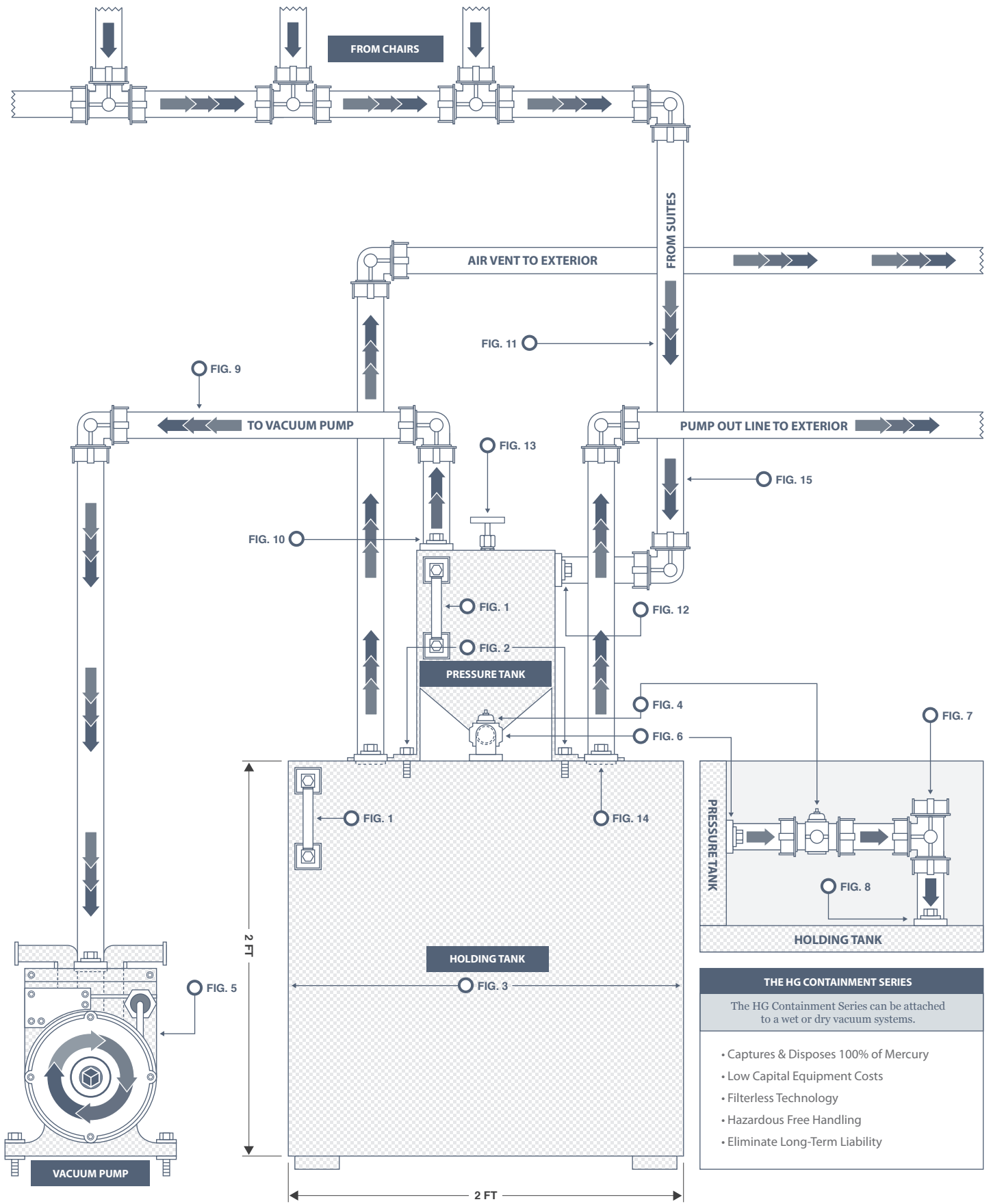




The HG Containment Series  
*Installation Manual*

# HG Installation Manual



## THE HG CONTAINMENT SERIES

The HG Containment Series can be attached to a wet or dry vacuum systems.

- Captures & Disposes 100% of Mercury
- Low Capital Equipment Costs
- Filterless Technology
- Hazardous Free Handling
- Eliminate Long-Term Liability

# HG Installation Manual

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## Step 1: Inspect all equipment

1. Pressure tank - Fluid level guage, needle valve
2. Holding tank - Fluid level guage
3. Pressure release valve "check valve"
4. 2 - 1" Threaded nipples
5. 1 - 1" Tee with threaded plug
6. 2 - 1" Pieces of pipe
7. 1 - 1" vent cap

## Step 2: Locate the HG System near the vacuum pump.

**Note:** Make sure the Fluid level guages are in a visible location. (Fig. 1)

## Step 3: Attach pressure tank (Fig. 2) to the Holding Tank. (Fig. 3)

**Note:** Do not tighten the set screws until steps 5, 6, and 7 are completed.

## Step 4: Assemble the pressure release valve (Fig. 4) to the pressure tank drain outlet. (Fig. 6)

**Note:** Flow direction is away from pressure tank. At this time you will need to use one of the 1" threaded nipples to connect the drain outlet to the pressure release valve.

## Step 5: Connect the pressure valve to the 1" tee. (Fig. 7)

## Step 6: Connect the tee to the holding tank drain inlet. (Fig. 5)

**Note:** You will need to use the 1" threaded nipple at this time.

## Step 7: Locate the air vacuum line from the vaccum pump. (Fig. 9)

## Step 8: Attach vacuum line (Fig. 9) to the pressure tank air outlet. (Fig. 10)

**Note:** You may need to reduce the existing pipe size down.

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**Step 9: Locate the return vacuum line from the chairs. (Fig. 11)**

**Step 10: Connect the return vacuum line to the pressure tank inlet. (Fig. 12)**

**Step 11: Attach the needle valve to the pressure tank. (Fig. 13)**

***Note:** Make sure the needle valve is slightly open to allow air in when system is turned off.*

**Step 12: Locate the pump out outlet in the holding tank. (Fig. 14)**

**Step 13: Attach a 1" line to this outlet (Fig. 14) Install the 1" pipe through an exterior wall. (Fig. 15)**

**Step 14: Install a 1" male coupler with a 1" screw-on cap on the outside wall.**

***Note:** When selecting an area for the pump outline it will need to be in an excessable area for the waste pickup service company.*

**Step 15: Locate the air vent outlet on the holding tank. (Fig. 16)**

**Step 16: Attach a 1" line to the air vent outlet on the holding tank. Install 1" pipe through an exterior wall.**

***Note:** Or connect to the building sewer vent. See section 2 on the following page if installed through the exterior wall use the vent cap that is supplied.*

# HG Installation Manual

## - Section 2 -

Only if an exterior wall is NOT available pump-out line.

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**Step 1: Install a 1” pipe with a screw-in plug approximately 6” in length onto the holding tank. (Fig. 14 )**

**Step 2: Vent pipe - Two available options.**

**Option 1:** *Attach the 1” vent pipe to the building sewer vent pipe.*

**Option 2:** *Attach a charcoal filter to the vent pipe outlet on the holding tank. (Fig. 16)*

**Note:** *A charcoal filter can be purchased from the manufacturer.*



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