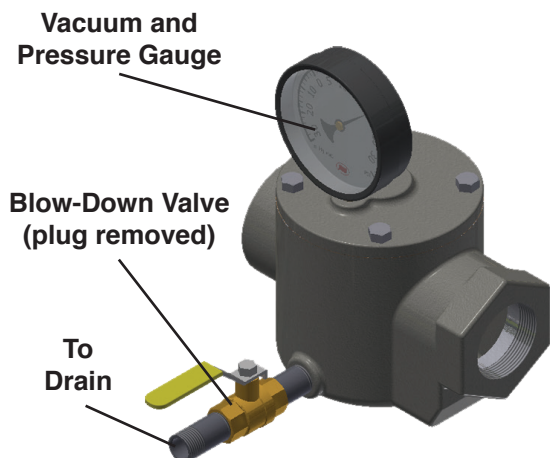
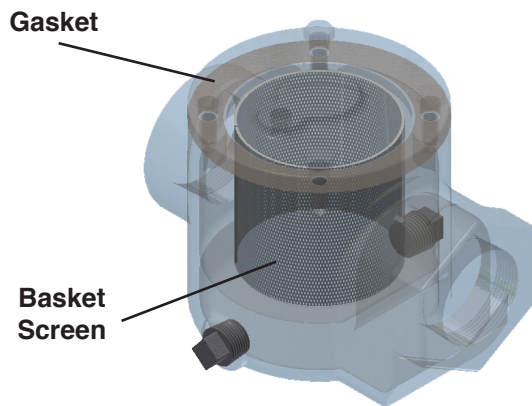
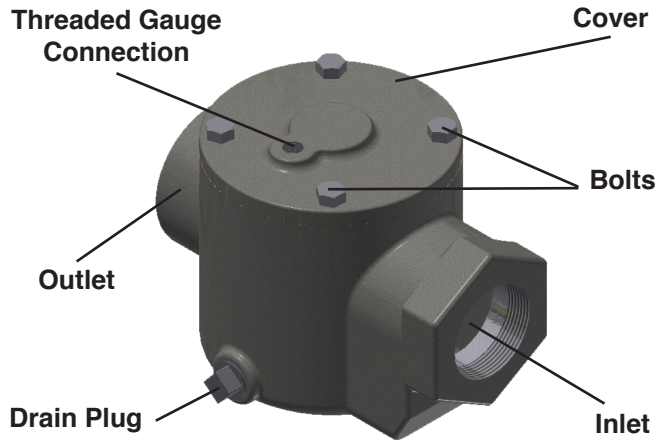




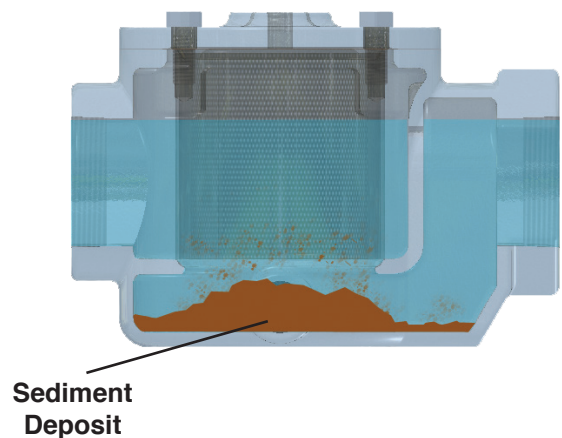
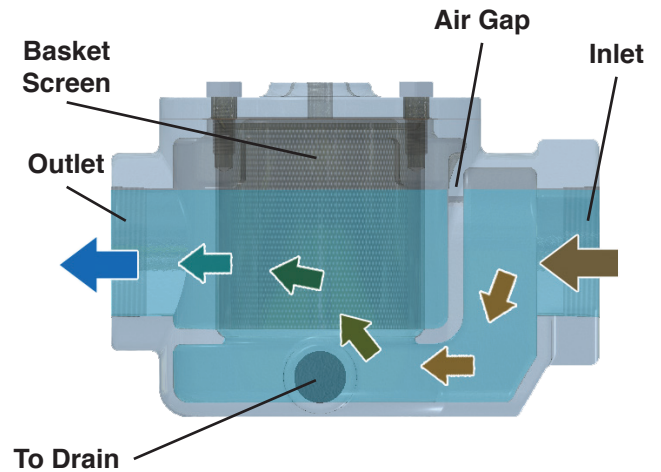
Self-Cleaning Basket Strainer

SHIPCO® produces 2-, 2-1/2-, 3-, and 4-inch basket strainers. Basket strainers catch and filter dirt, debris, or other small chunks of rubble within a fluid piping system.



FUNCTION

As water flows through the basket strainer, dirt and debris will be filtered by the basket screen. The debris will collect at the bottom of the strainer. Over time, a layer of sediment may form and the strainer will need cleaned (refer to Cleaning section).



CLEANING

For maximum efficiency, a differential pressure gauge installed across the **inlet** and **outlet** will indicate pressure loss due to clogging and may be used as a guide to determine when cleaning is required. Normally, when differential pressure reaches 5–10 psi, strainer must be cleaned.

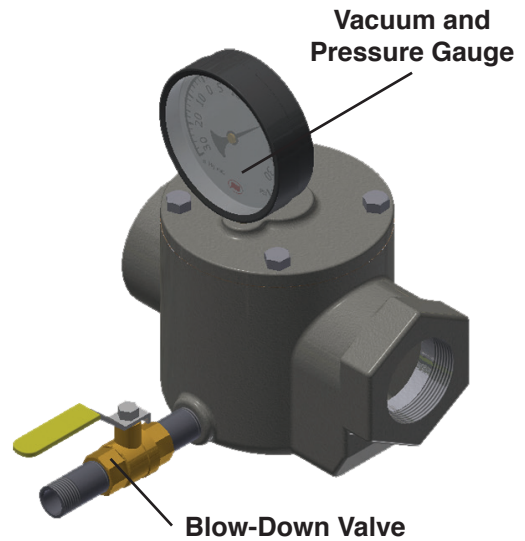


Liquid may be **HOT!** Proceed with **extreme caution**.



Individuals should be provided with suitable protection from possibly hazardous liquids.

If the strainer is equipped with a **blow-down valve**, open and flush out until sediment is removed. If the strainer is not fitted for blow-down cleaning, (strainer must be off line), remove the cover and clean the strainer (refer *Disassembly & Reassembly* section).



DISASSEMBLY AND REASSEMBLY



Make certain there is **NO** pressure reading on the pressure gauge of the strainer before performing disassembly or reassembly.



Individuals performing removal and disassembly should be provided with suitable protection from possible hazardous liquids.

DISASSEMBLY

1. Close isolation valves to strainer. When water flow has stopped, drain any remaining water in the strainer by opening attached **blow-down valve** or removing the **drain plug**.
2. Untighten all the **bolts** then remove the **cover** and **gasket**.
3. Remove the **basket screen** from the housing and clean off any dirt or debris that has collected on the sides or bottom of the basket screen. Replace **basket screen** if required.

REASSEMBLY

1. Close the **blow-down valve** or re-insert and tighten the **drain plug**.
2. Place the **basket screen** back inside the housing. Replace **gasket** if necessary.
3. Place the **gasket** followed by the **cover** on the top so that both line up with the bolt holes then insert and tighten all the **bolts**.
4. Open isolation valves to strainer.