

Chokeless sink strainer.

Background of the invention

1. Currently, the sink strainers in the market are designed lower than the surface of the sink. See figure 1.
2. This design has a problem. It causes the sink to choke when the residues eventually settle down and cover the strainer. See figure 2.
3. In the new design, the strainer is above the surface of the sink See figure 3.
4. The part that is above surface of the sink will not be covered by the residues and leave behind an outlet for the water to escape and eventually prevent choking the sink. See figure 4.

Description

Figure 1 showing the current design of the sink strainer.

Figure 2 showing the problem of the existing design.

Figure 3 showing the main feature of the invention.

Figure 4 showing the result of the invention.

Figure 5 showing the first feature of the design.

Figure 6 showing the second feature of the design

Figure 7 showing the concept design of the invention.

Figure 8 showing the sample design in another form and shape.

Figure 9 showing the sample design in another form and shape.

Figure 10 showing the sample design in another form and shape.

Chokeless sink strainer.

Claim

1. The invention combines two features in the design to achieve the chokeless (Anti-Choke) solution. The features are as follow.

- A. Feature 1:

The first feature is the filter (i.e. the area with holes) portion above the surface of the sink that prevents any settlement of residues and leave behind an outlet for the water to escape. See figure 5.

- B. Feature 2:

The second feature is the filter (i.e. the area with holes) portion below the surface of the sink that allows settlement of the residues so that the residues will not block up the first feature. See figure 6

As long as a strainer design consists of the above mentioned two features in one, regardless of the forms and shapes that will be the claim. See figure 8, 9 and 10 for the sample designs in another forms and shapes