

4.5.4.4 Dirt Trap

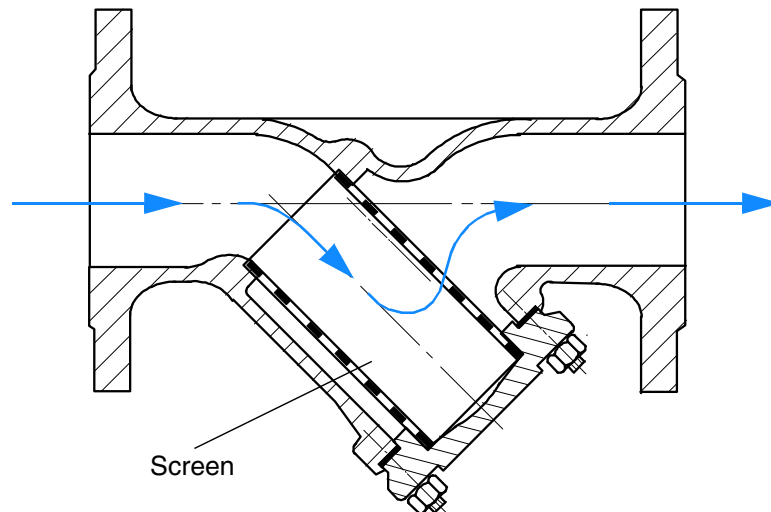


Fig. 4.15 Dirt trap

The liquids and gases flowing through the piping system can contain impurities.

The pipes, but particularly the control fittings, can thus be contaminated and, over time, become clogged.

To prevent this, filters are fitted as a dirt trap at the inlet to the pipe to retain any impurities.

Filter materials are normally wire cloth or fine pored bodies. Components that are particularly sensitive to dirt, e.g. condensate drains, are often fitted with an additional upstream filter.

In the HL 960 training system (drawing: HL 960 piping system) we find one dirt trap (item 11).