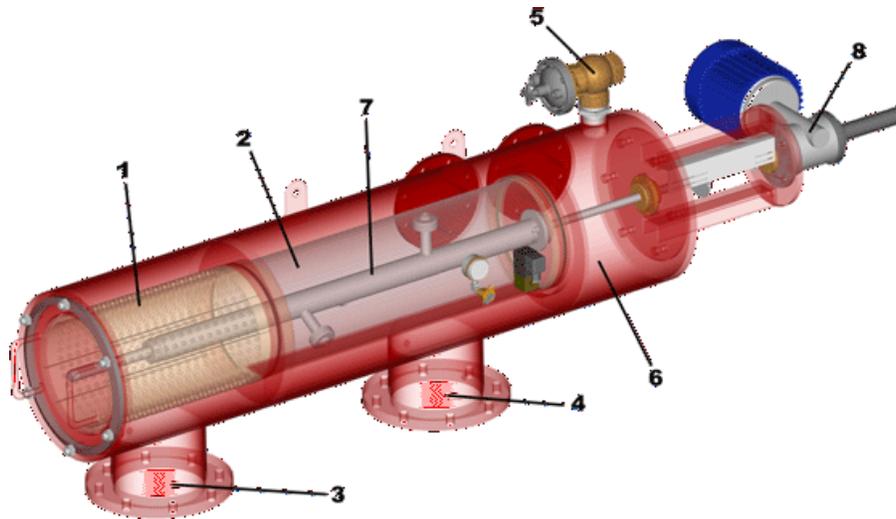


ORE/A SERIES

HOW IT WORKS



The unit consists of two stages of filtration, a coarse pre-filter **1** and a stainless steel fine screen **2**.

Dirty water enters the inlet **3**, passes through the coarse screen and into the center of the fine screen. The water then passes through the fine screen from the inside out and exits the outlet **4**.

The unwanted solids accumulate on the inner surface of the fine screen, creating a pressure differential. Once the pressure drop reaches a preset level, a rinse cycle is activated by the factory supplied control system by opening the rinse valves **5** to an atmospheric drain.

As a result, pressure drops in the backwash chamber **6** and dirt collector assembly **7**. The pressure drop creates a backflush stream, which sucks the dirt off the screen, similar to a vacuum cleaner. The backwash water is carried through the collector and ejected out of the holes in the base of the collector.

At the same time, the drive assembly **8** controls the movement of the collector assembly, ensuring that the collector nozzles sweep the entire screen area in a helical fashion.