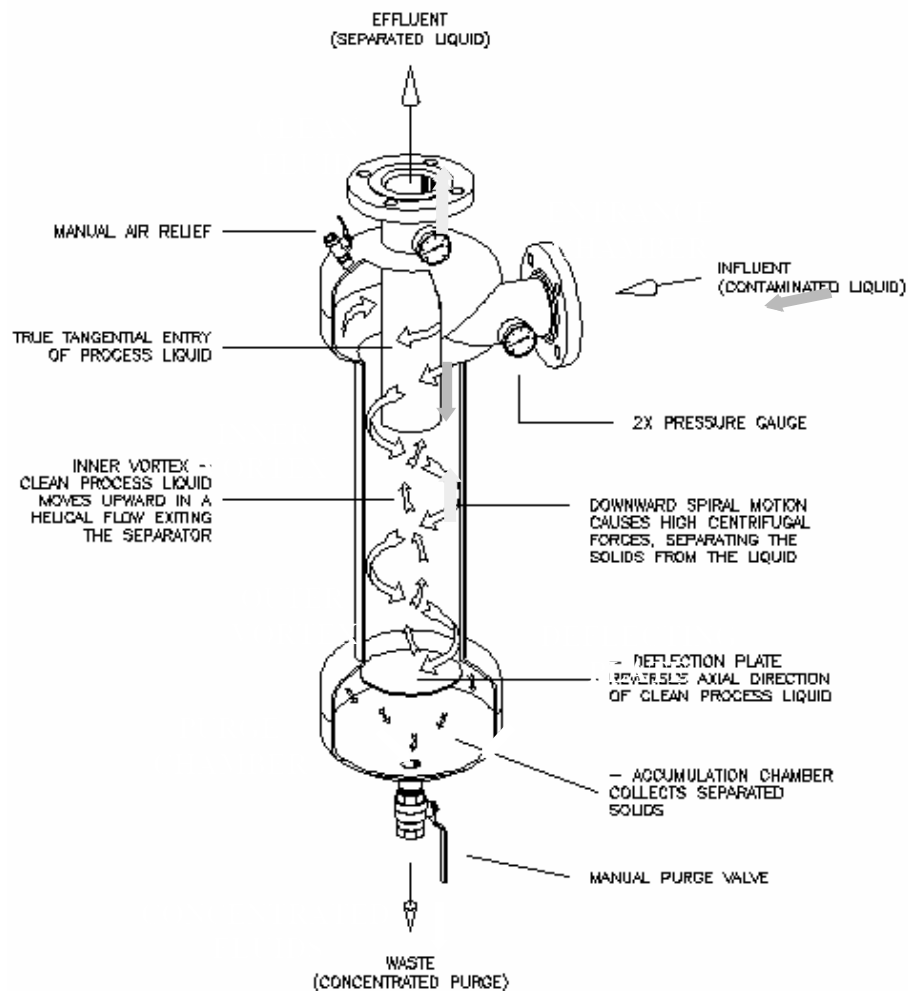


# Industrial Separators

## DESCRIPTION OF OPERATION

The basis for the solid-liquid separation in the PF-60 series is the centrifugal forces created in the body of the separator. As the pressurized process carrying fluid enters tangentially into the entrance chamber of the separator, it starts a downward helical flow. This downward spiral motion causes high centrifugal forces to act on the carrying fluid. The solids in suspension are pushed to the wall of the separator and then moved downward to the accumulation chamber at the bottom of the separator. The clean process fluid then reverses its axial direction and moves upward in a helical flow exiting the separator.



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