

How it Works

(Diagram shows In-Line Separator. Other models perform identically).

1.

Sandy water enters unit tangentially which sets up a circular flow

2.

Sand and water are drawn through tangential slots and accelerated into the separation chamber.

3.

Centrifugal action tosses particles heavier than the water to perimeter of separation chamber.

4.

Sand gently drops along perimeter and into the separator's quiescent (calm) collection chamber.

5.

Sand-free water is drawn to the separator's vortex (low pressure area) and up through the separator's outlet.

6.

Sand is either periodically purged or continuously bled from the separator as necessary with appropriate purge valve (see page 16).

