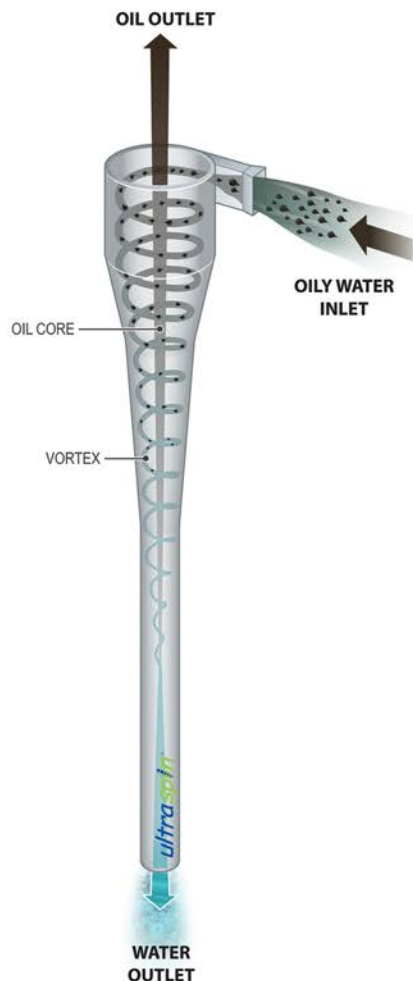


HOW THE ULTRASPIN SEPARATOR WORKS



The Ultraspin Separator works on a very simple principle. The oily water is pumped tangentially into the large diameter end of the separator. This initiates a spinning vortex. This spinning vortex is accelerated as it moves down the tapered separation tube flinging the heavier water to the outside walls while the lighter oil moves to the centre. The separated oil is removed via a hole in the separator end face, and the treated water is discharged out the other end of the tube.



WHY IS IT SUCH A POWERFUL SEPARATOR?

Unlike plate pack style separators, the Ultraspin Separator does not rely on the force of gravity for separation. The centrifugal force generated inside the vortex of the Ultraspin Separator is in the order of 1,000 times the force of gravity. With such force even emulsified oil droplets can be separated.



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