



Coalescing Oil Separator

Provides Continuous Skimming of Wash or Rinse Tanks

Whether you recycle cleaning fluid in your process wash tank or generate wastewater, you can optimize the removal of non soluble oil from the cleaning solution with the JENFAB Coalescing Oil Separator. The Coalescing Oil Separator is an economical, highly efficient way to improve the recycling of aqueous cleaning solutions or the cleanliness of wastewater by effectively removing split oils.

The Coalescing Oil Separator is designed to work efficiently with your cleaning system. The 5 gpm or 10 gpm flow-through process brings cleaning solution contaminated with oil from your process wash tank to the Coalescing Oil Separator's holding tank. A perforated partition allows the solution to flow through a second section with bundles of vertically mounted coalescing tubes. These highly efficient polypropylene tubes can consistently remove oil globules down to 20 microns and are much more effective than decant, disc and belt type skimmers.

Oil globules and clustered particles break away from the tubes and rise to the top where they are directed to an overflow drain and into a waste oil container for safe disposal.

The coalescer removes oil and not chemistry or water. The oil-free cleaning solution continues to flow forward into a final holding section where an in-tank vertical pump returns the solution to your wash tank in a closed loop operation.



Built to last, the JENFAB Coalescing Oil Separator's single-piece welded processing tank is available with 2" fiberglass block clad in 14 gauge steel. All interior, wetted surfaces are 11 gauge type 304 stainless steel.

The Coalescing Oil Separator includes a noncorroding solution level control and an in-tank vertical recirculating pump. Standard tank capacity is 85 gallons with a 45 gallon unit available. With a flow of 5 gpm, the 45 gallon unit removes up to 10 gallons of oil per hour. For the 85 gallon unit, a flow of 10 gpm removes up to 30 gallons of oil per hour.

- Easily Installs on Existing Machines
- Reduces Oil Content of Wastewater
- Removes a Minimum of 90% Tramp Oil from the Process Solution

JENSEN FABRICATING ENGINEERS, Inc.

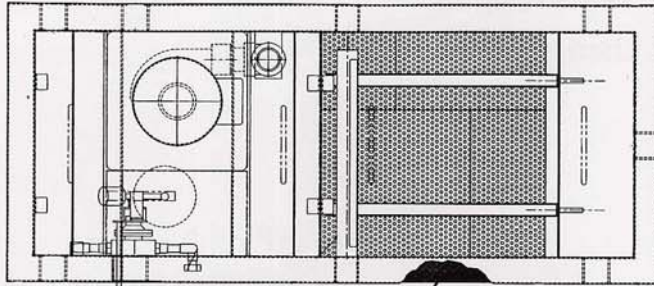
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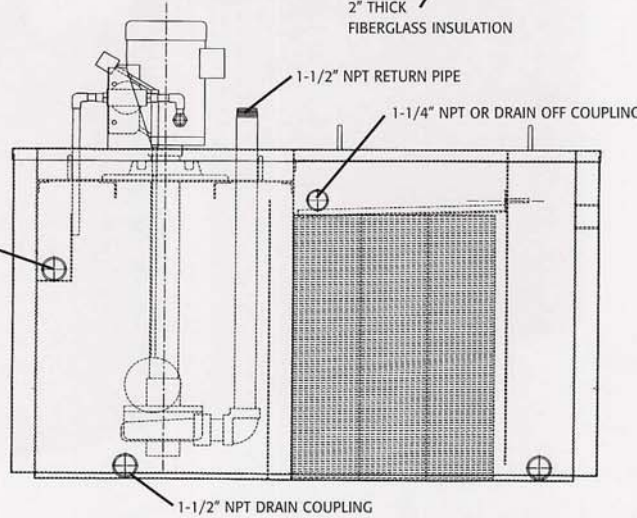
Contact : salesinfo@jenfab.com

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JENFAB Coalescing Type Oil Separator



2" THICK FIBERGLASS INSULATION



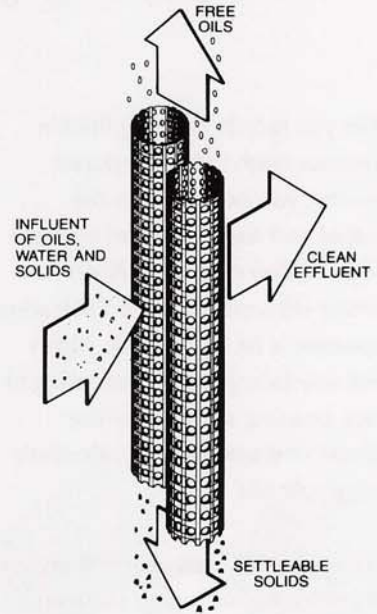
1-1/2" NPT OVERFLOW COUPLING

1-1/2" NPT RETURN PIPE

1-1/4" NPT OR DRAIN OFF COUPLING

1-1/2" NPT DRAIN COUPLING

VERTICAL TUBE COALESCING PRINCIPLE OF OPERATION



DIMENSIONS

85 GALLON TANK

45 GALLON TANK

Length	52"	52"
Width	22"	22"
Height	32"	17'
Work base	2" Channel	2" Channel
Processing tank capacity	85 Gallons	45 Gallons
Input	1-1/2" NPT	1-1/2" NPT

SPECIFICATIONS

Solution tank capacity	85 Gallons	45 Gallons
Through Flow - up to	10 GPM	5 GPM

STANDARD FEATURES

Stainless Steel Construction
Automatic Solution Level Controls
Pre-engineered, Ready to Install
Sparger Head
Safety Overflow

OPTIONS

Stainless Steel Plumbing
Custom Sizes Available
Larger Capacities Available
2" Fiberglass Insulation

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