

Point-of-Delivery Water Separators

For use on diesel fuel and light oils

Features

- Pressure gauge (0-100 psi)
- 1" NPT water sight glass
- Industrial carbon steel construction
- Industrial powder-coated paint



Benefits

- Utilizes a coalescing chamber instead of costly coalescing elements that need replacing
- Can also be configured on a Des-Case TC Series cart or T-Stand
- Provides optimal removal of free and emulsified water

Water contaminated oil and hydraulic fluid result in excess machine wear, downtime, and repair costs. Actively filtering moisture from lubricants can prevent contamination-related problems such as oxidation, degradation, and corrosion.

The Des-Case point-of-delivery water separators effectively remove large quantities of free and emulsified water by using centrifugal force and absorption, while simultaneously removing contaminants with depth filtration. Contact your local distributor or call Des-Case today for a custom quote.

*Keeping contamination
under control.[®]*

Point-of-Delivery Water Separators

Point-of-Delivery Water Separators for Use on Diesel Fuel and Light Oils

Model	03-1075	03-2075	03-3075	03-4075	03-5075
Maximum GPM of Diesel Fuel	15	26	39	52	65
Dimensions (L/W/H)	12"x12"x45"	25"x12"x45"	36"x12"x45"	47"x12"x45"	58"x12"x45"
Inlet/Outlet Port Size	1" NPT	1" NPT	1.5" NPT	1.5" NPT	2" NPT
Water Holding Capacity	1.5 Gallons	3 Gallons	5 Gallons	6 Gallons	8 Gallons
Number of Filter Canisters	1	2	3	4	5
Coalescer Chamber Size	8x12	8x24	8x36	8x47	8x58
Coalescer Water Capacity	1.5 gallons	3 gallons	5 gallons	6 gallons	8 gallons
Filter Element Water Holding Capacity	Max 1 gallons	Max 2 gallons	Max 3 gallons	Max 4 gallons	Max 5 gallons
Maximum System Water Holding Capacity	Max 2.5 gallons	Max 5 gallons	Max 8 gallons	Max 10 gallons	Max 13 gallons
Maximum Flow Rate of Diesel Fuel	15 gallons per minute	26 gallons per minute	39 gallons per minute	52 gallons per minute	65 gallons per minute
Maximum Flow Rate of ISO 32 Lube Oil	5 gallons per minute	10 gallons per minute	15 gallons per minute	20 gallons per minute	25 gallons per minute
Connection Port Size (Inlet and Outlet)	1" FNPT	1" FNPT	1.5" FNPT	1.5" FNPT	2" FNPT
Drain Port Size	.5" FNPT	.5" FNPT	.5" FNPT	.5" FNPT	.5" FNPT

Standard Features for all Models:

- Water removal efficiency of 99.90%
- Maximum pressure of 80 psi (recommended pressure of 10 – 40 psi)
- Pressure gauge (0-100 psi)
- 1" NPT water sight glass
- 1/2" NPT water drain with ball valve
- Industrial carbon steel construction
- Industrial powder-coated paint

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Contact your local distributor or call Des-Case for your customized quote.

How these Systems Work

These systems utilize a coalescing chamber rather than a coalescing element to separate water from fuel. Coalescing chambers provide permanent and optimal water removal, with no replacement of costly coalescing elements. The water is held in the bottom of the chamber until it is drained off with the drain valve. A sight glass is included so the operator knows when to drain the water.

Above the coalescing chamber are the depth filtration canisters for particle contamination removal. These canisters hold a 304 depth element, which removes up to 10 pounds of solids per element and down to 1-3 micron in size.

Point-of-delivery water separators are ideal for Group I base oils. Ask Des-Case about our vacuum dehydration solutions for your Group II and Group III base oils.

Particulate Removal Filter Media

Wound Cellulose Depth Media

Features Include:

- High efficiency filtration at very low micron levels (≤ 1 micron)
- Ideal for filtering petroleum-based fluids
- Performance to $\beta_{<4(c)}=1000$ (per ISO 16889)
- Dirt holding capacity up to 10lb per element
- Absorbs up to 1 gallon of water per element
- Can maintain moisture levels below 50ppm



Try All Des-Case Fluid Handling & Filtration Products

Customize your filtration system today at www.descase.com/flowguard

Portable Filtration



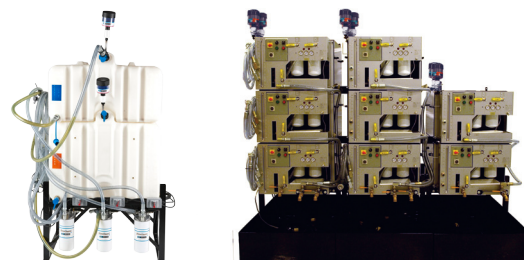
Dedicated Filtration



Water Removal



Lubricant Storage & Filtration



Filter Elements



Adapter Kits

