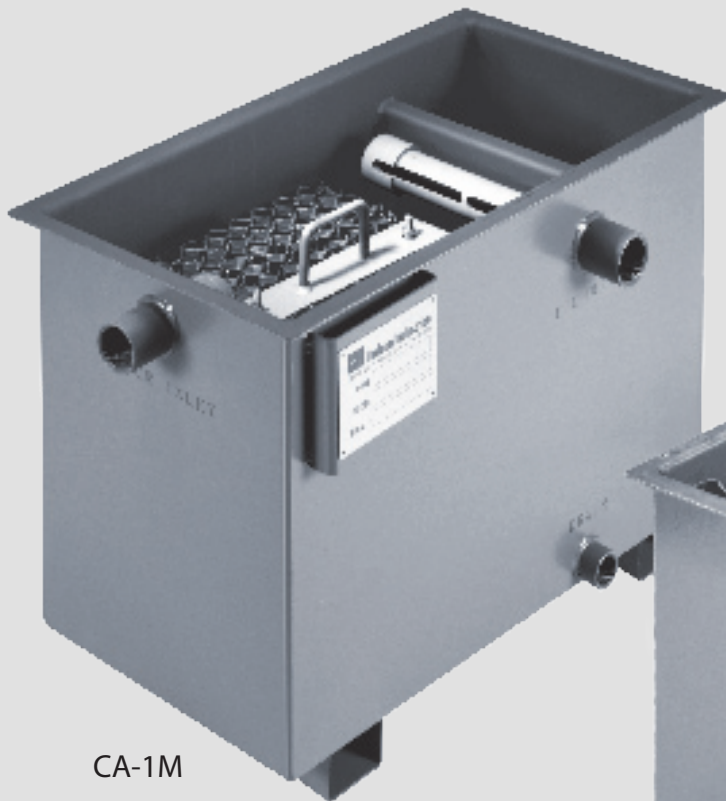


CA SERIES

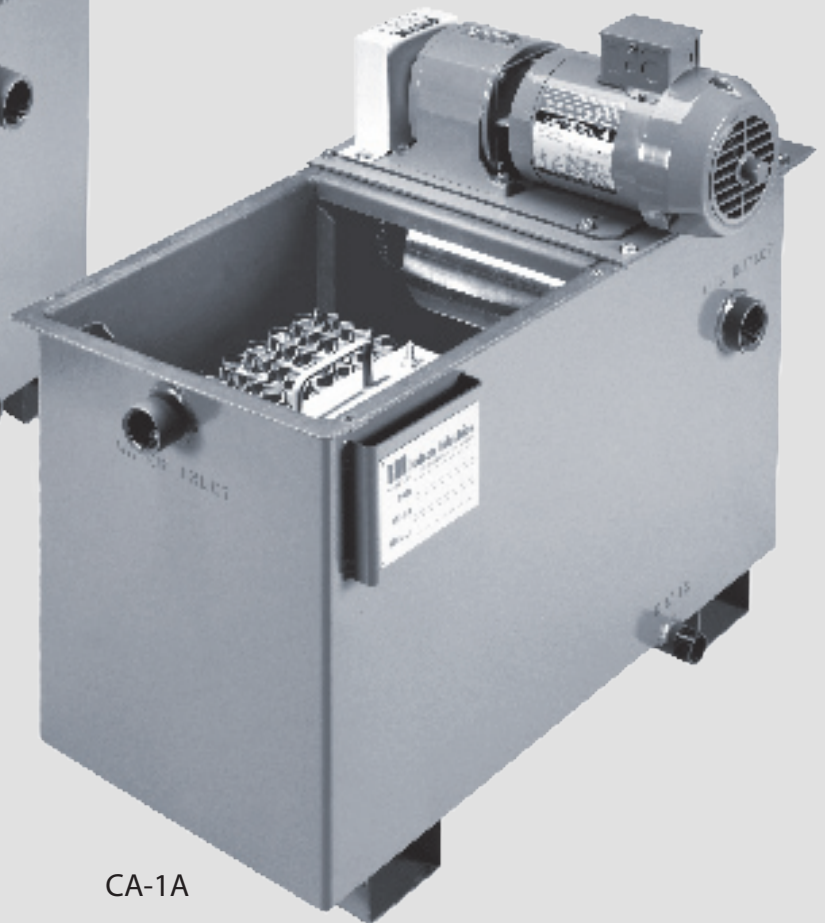
CONDENSATE SEPARATORS

Effective Separation of Oil from Air Compressor Condensate

- Effective free oil separation, as low as 10mg/l @20 microns
- Heavy duty steel construction
- No costly filter elements to replace
- High efficiency coalescing module
- Simple installation
- Suitable for all petroleum-based, non-synthetic oils



CA-1M

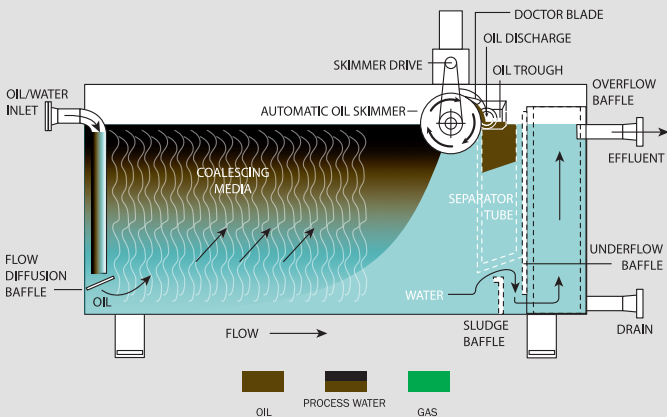


CA-1A

CA SERIES

How Condensate Separators Operate

Condensate is induced through the standpipe to the tank interior. The condensate is evenly distributed by the diffusion baffle before entering the coalescing module, which consists of corrugated PVC/CPVC plates thermobonded into a dense module.



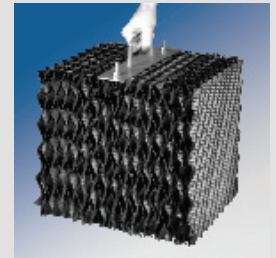
The module being olephilic (oil attractive) begins to attract the oil droplets which in turn begin to bond or coalesce into larger droplets. These large droplets continue to rise where they form a layer of oil on the surface.

Our separator employs a continuous acting rotary pipe oil skimmer to remove the oil from the surface and deposit it into the oil separation tube. The majority of the water which may have been removed with the skimmed oil separates back out into the waste stream. The separated oil then discharges out of the separator.

The water continues through a series of underflow and overflow baffles before discharging from the unit.

Coalescing Media

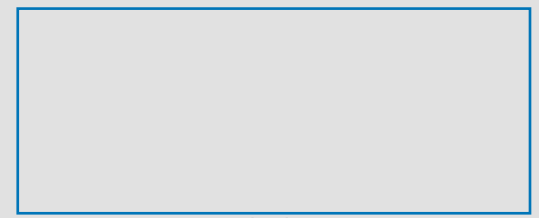
CA Series Condensate separators utilize a unique coalescing media which provides for a high quality, consistent separation process. This configuration will also reduce internal sludge and solids buildup due to its steep vertical flutes. Standard material is PVC rated to 140° F and CPVC to 160° F continuous. Each pack is equipped with a lifting handle for simple removal and cleaning.



MODEL	CAPACITY	DIMENSIONS	SKIMMER TYPE	VOLTAGE	PAINT	WEIGHT
CA-1M	60 gph	27"L X 14"W X 23"H	Manual Slotted Pipe	N/A	Ext. - Industrial enamel Int. - Coal tar epoxy	75 LBS
CA-1A	60 gph	31"L X 16"W X 29"H	Automatic Rotary Drum	115/230 1ø 230/460/575 3ø	Ext. - Industrial enamel Int. - Coal tar epoxy	129 LBS
CA-3A	180 gph	45"L X 16"W X 35"H	Automatic Rotary Drum	115/230 1ø 230/460/575 3ø	Ext. - Industrial enamel Int. - Coal tar epoxy	225 LBS

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