

Condensate Filter Separators

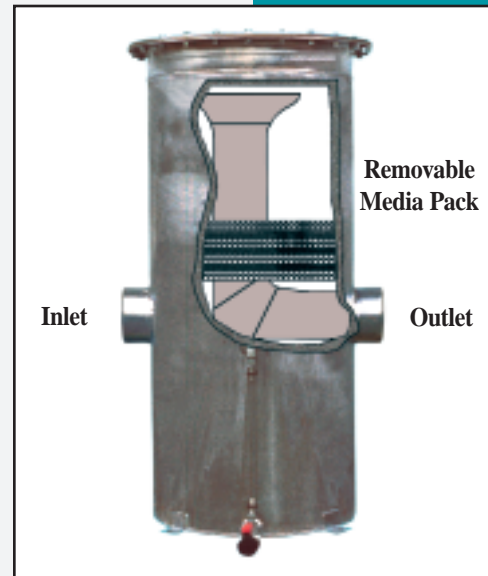
Since 1988, EPG has built hundreds of its CS series condensate coalescer separator filter silencers for removal of both particulates and liquid droplets from air streams.

Its unique up-flow design passes the air stream through a mixed media element which coalesces fine liquid vapor into larger droplets which, by gravity, drop to the bottom of the sump. Those droplets which are too small to overcome the velocity of the air stream are trapped in the separator layers of the media until they become large enough to drop out of the air stream at an efficiency of 99%. As the liquid droplets fall back down through the media pack they tend to wash particulate matter out of the five (5) micron filter media carrying the particulates down to the sump.

Inlet sound levels are absorbed in the CS vessel by change in velocity, direction and recovery trumpet. Typical sound reduction is 8 to 12 dBA.

By design, the vessel including media has a pressure drop of only 1/2" W.C. at maximum air flow. This equates to more energy available for the system.

Available accessories include level sensors, automatic drain valve, condensate drain pump, sample ports, level sight tube, vacuum gauge, and integrated UL listed EPG Controller. Other models are also available.



EPG's CS-16b Condensate Separator

- ◆ 16" diameter, 40 1/2" high with mounting feet
- ◆ Inlet and outlet ports are 4 1/2" diameter
- ◆ Dry weight of the vessel is 130 pounds
- ◆ Fifteen (15) gallon sump capacity
- ◆ Hot dipped galvanized coated steel
- ◆ Access ports for sampling and sensors
- ◆ Easy to remove media for cleaning or replacement
- ◆ Flow up to 350 SCFM
- ◆ Vacuum to 16" HG



EPG's CS-24a Condensate Separator

- ◆ 24" diameter, 55 1/2" high with mounting feet
- ◆ Inlet and outlet ports are 6 5/8" diameter
- ◆ Dry weight of the vessel is 218 pounds
- ◆ Forty (40) gallon sump capacity
- ◆ Hot dipped galvanized coated steel
- ◆ Access ports for sampling and sensors
- ◆ Easy to remove media for cleaning or replacement
- ◆ Flow from 350 SCFM to 850 SCFM
- ◆ Vacuum to 16" HG

***Manufacturer of
Industrial and
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