



**BEYOND**  
CONVENTIONAL **ENERGY**  
**EQUIPMENT**



STANDARD OR  
**CUSTOMIZED**  
**FILTRATION**  
VESSELS

**ARC, your go-to source for Filtration vessels...**

You can always count on ARC Energy Equipment for an experienced and professional solution with the industry best pricing and lead times for your project needs.



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## Horizontal Filter Separators

ARC can build or recondition single/dual boot horizontal filter separators containing 0.1 micron filter elements which are used for the removal of small particles such as dust and rust. These filters handle gas capacities up to 321 M MSCFD at 1400 PSI. We also provide filters containing 0.3 micron elements which are used for heavier substances such as the removal of lube oil and other contaminants that handle gas capacities up to 221 M MSCFD at 1400 PSI.

Standard filter elements include molded fiberglass media to remove solids and able to efficiently coalesce free liquids for second stage removal.

- Standard elemental materials include Polypropylene, Polyester, Micro-Fiberglass, or Cellulose Synthetic media packs bonded to plated CS end caps.
- Medias are also available with SST hardware.
- Recommended Operation Limits: Operating Temp Range= -60 to 275°F Recommended DP= 12-15 psi.

## Vertical Filter Coalescers

For your finite coalescing needs ARC can supply you with a reverse flow unit. Their primary function is liquid aerosol contaminants removal. Their secondary function are special elements with an inner filter to allow this vessel to filter solids as well. The flow is inside to outside and typically downstream of important process equipment such as compression to filter lube oil droplets and downstream of glycol contactor to reduce glycol losses.

Standard filter elements include molded fiberglass coalescing media, a cellulose support, and a polyester drainage layer.

- Plated steel end caps and cores are standard but stainless steel and synthetics are available.
- A heavy duty outer support prevents element failure in high differential upset conditions.
- A needed polyester drainage layer ensures high drainage rates.
- Recommended Operation Limits: Opt Temp Range= 60 to 300°F Recommended DP= 12-15 psi.

## WHY CHOOSE US?

ARC Energy Equipment brings single source accountability to your project

Achieve single-source design, parts, fabrication, installation, startup and production facility leasing or purchase under one entity.

We have a long standing reputation for providing top quality equipment, at a lower cost, and with quicker delivery than our competitors, all backed by an industry leading 12-month warranty.

Our highly qualified and experienced professionals have and do deliver the highest quality equipment for worldwide projects.

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