



SINGLE PHASE KNOCK-OUT POT & 2 PHASE VANE SEPARATOR

SINGLE PHASE KNOCK-OUT POT

Where liquids are greater than 5% of the weight of the mixture.

TM Filtration's KNOCK-OUT POTs are designed for both pressure and vacuum applications.

Applications:

- Vacuum pump protection
- Compressor protection
- Removal of heavily entrained liquid at gas wells
- Removal of contaminant and particulates at gas wells
- Gas Dryer protection



**KNOCK-OUT POT
DESIGN INFORMATION**

- Uses impingement and centrifugal separation to remove liquid and particulates from gas flow.
- Vertical or horizontal orientation
- Designed for low pressure drop
- Designed, manufactured, and tested in accordance with ASME Section VIII, Division 1. "U" Stamp available upon request

2 PHASE VANE SEPARATOR

Where "Old Style" Coalescing Filters are used and there is greater than 5% Liquid by weight of gas mixture.

TM Filtration's 2 phase vane separators are used where a wide range of flows are possible.

Applications for 2 phase vane separators involve removal of large amounts of liquid from the Air/Gas stream. Ideal when liquid is greater than 5% of the weight of the mixture.

Applications:

- Removal of viscous liquids.
- Recovery of product in some chemical applications
- Prevents carryover of corrosives



**VANE SEPARATOR
DESIGN INFORMATION**

- Vertical or horizontal orientation
- Designed for low pressure drop
- High efficiency 99.8% > 10 micron removal of solids or liquids.
- Designed, manufactured, and tested in accordance with ASME Section VIII, Division 1. "U" Stamp available upon request

Notes: Body material, connections, available options, and dimensions are completely customizable. Options availability is subject to change without notice. Please consult the TM Sales Department or your local sales representative for certified drawings, or additional information.