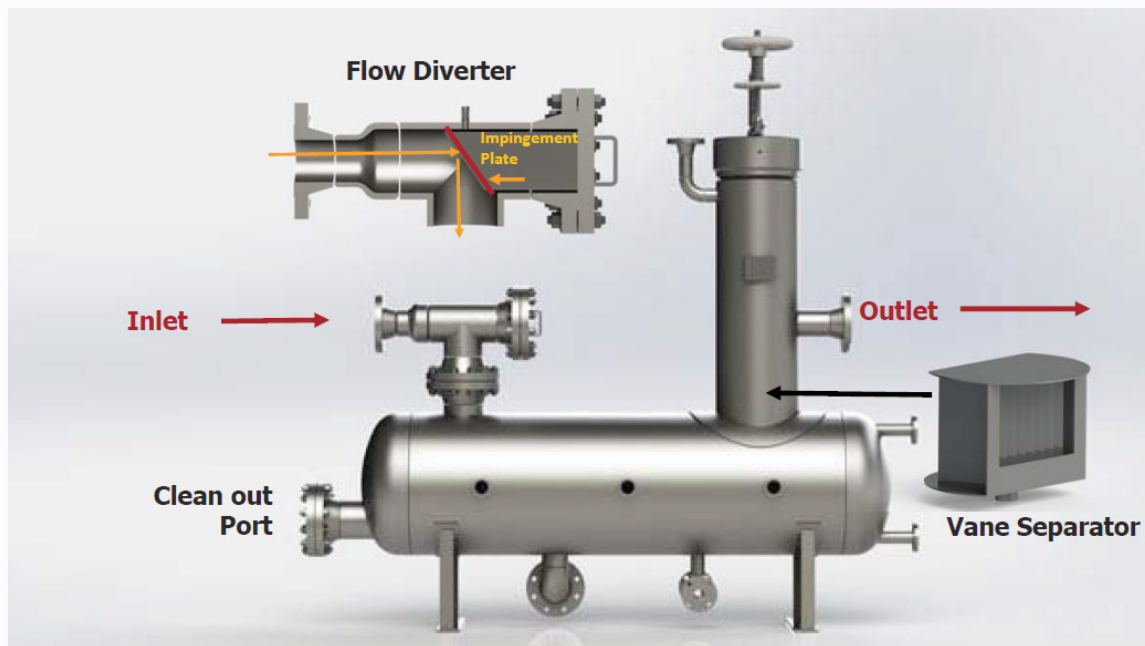




A Division of TM Industrial Supply, Inc.
1432 Walnut Street Erie, PA 16502-1746 USA
Phone (814) 456-1448 Fax (814) 452-6573
Email: sales@tmfiltration.com Web: www.tmfiltration.com

Inline Bulk Desander / Deliquidizer Coalescer Model 384 US Patent #10,561,974 B2



TM Filtration has designed the “Inline” Desander using an impingement device with a deflector. TM designed the unit with a receiver/ separator as the base. To improve the performance of this unit, TM engineered the inlet and outlet to be “in-line” to fit a standard piping formation.

- Designed per ASME Code Section VIII Div. 1
- Vane designed to meet API Specification 12J
- Units are available per ANSI 150, 300, 600 and 900 # rating
- Standard material of construction is carbon steel with other materials available upon application.

Unit Operation:

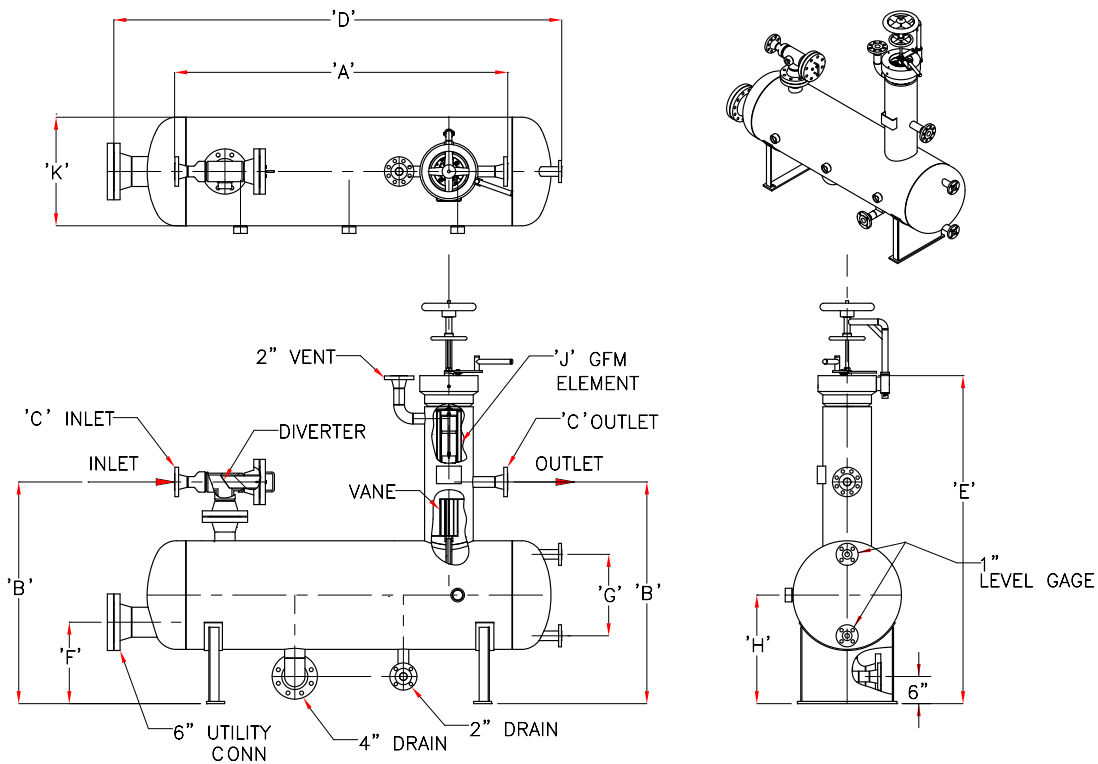
1. Wet, sandy gas enters the unit and immediately hits the impingement plate and flows down into the separator.
2. The sand settles in the bottom compartment of the separator.
3. The wet gas then flows through the separator and then enters the vertical tower that houses the vane pack.
4. The vane pack then separates the liquids from the gas flow.
5. The vane will remove all liquids down to 10 micron.
6. The almost dry gas then moves into the gas coalescing chamber (GFM Technology®).

Solutions for the New Gas Industry



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Inline Bulk Desander / Deliquidizer Coalescer Model 384 Patent Pending



	A	B ¹	C	D	E	F	G	H	J	K
2"	73-5/8"	49"	2"	99"	72-1/2"	18"	18"	24"	#1	24"
3"	74-3/8"	49"	3"	100"	72-1/2"	18"	18"	24"	#1	24"
4"	79-3/4"	51"	4"	101"	82"	18"	18"	24"	#4	24"
6"	85-5/8"	59"	6"	130"	108"	18"	24"	27-1/4"	#4	30"
8"	106-5/8"	74"	8"	130"	108"	18"	24"	30"	#5	36"
10"	107-7/8"	82-1/2"	10"	130"	120"	20-1/2"	24"	32-1/2"	#5	40"
12"	100-1/8"	82-1/2"	12"	136"	121"	20-1/2"	24"	32-1/2"	#5	40"

Note: 1-Dimensions shown are for 300# ANSI Rating. Dimensions subject to change without notice, apply for certified drawings. Custom designs are available, please consult the TM Sales Department or your local sales representative.

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