



A Division of TM Industrial Supply, Inc. / An Employee-Owned Company
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Model 383T Three-Phase Coalescing Gas Separator/Filter with Posi-Sealoc II Quick Opening Closure Patent No. 7,332,010 B2 USA - 2,426,752 Canada

APPLICATIONS:

- High loading and saturated gas filtering
- Turbine protection
- Gas compressor oil & water removal
- Meter protection
- Liquid removal prior to compressed gas storage
- Heat exchanger protection
- Air compressor protection
- Vacuum pump protection (when a knock out pot is not enough)

PATENTED ELEMENT DESIGN:

- New Flow Technology
 - Out to In flow pattern
- Pleated filter surface
 - Provides high capacity filtering surface area
 - Longer element life between maintenance reduces operating costs
- Combines coalescing and particulate filtration in one element
 - 99.99% removal of liquids greater than 0.3 micron; 99.5% removal of liquids less than 3.0 micron
 - 99.99% removal of solid particles greater than 0.3 micron
- **Cleanable, reusable filter element** reducing replacement cost and waste



DESIGN INFORMATION:

- Adding mesh pad or vane separator to filter vessel eliminates need for separate vessels
- Gas radial velocity impacting on the surface area of the coalescing element ≤ 0.5 ft / sec
- Clean pressure drop inlet to outlet ≤ 1 psid
- Vessels are available in full ANSI class ratings
- Optional platform construction available

STANDARD FEATURES:

- Dual GFC element capacity
- Designed, manufactured, and tested in accordance with ASME Section VIII, Division 1. ('U' Stamp available)
- Provisions for legs
- Buna-N seals (Other seals available)
- Built in Reservoir
- Quick opening cover with no bolts to torque.
- Standard "Pressure Warning Device" (PWD)

Patented & Innovative Filtration Technologies



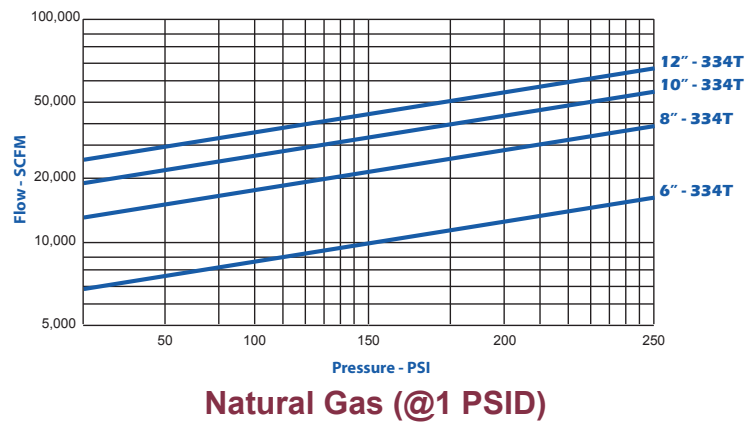
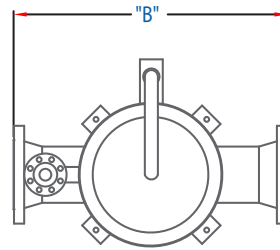
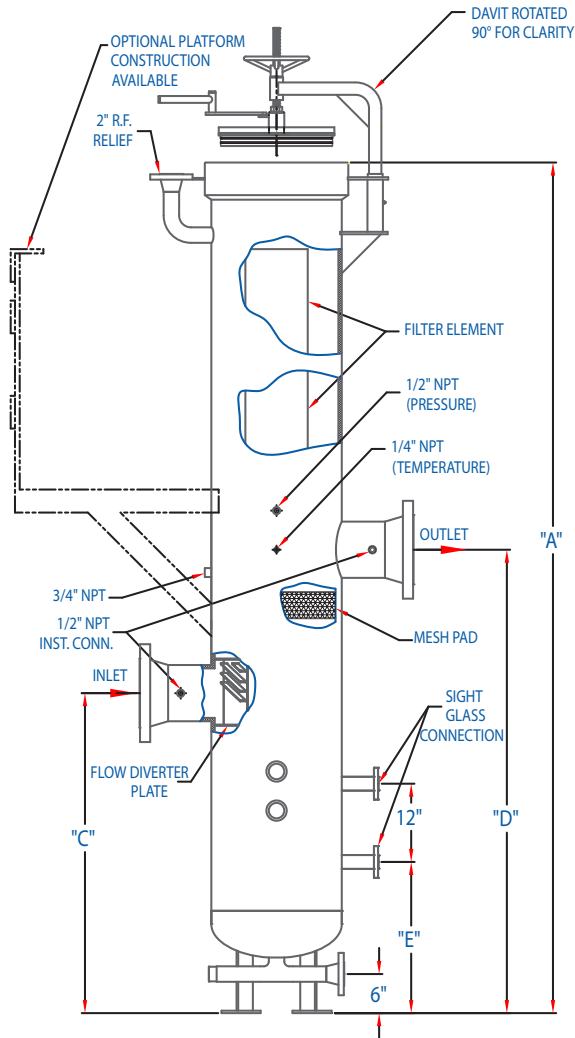
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MODEL	A	B	C	D	E	INLET/OUTLET	DRAIN	SIGHT GAUGE	ELEMENT SIZE
383T-06012	121" 3073 mm	28" 712 mm	41" 1041 mm	63" 1600 mm	21" 533 mm	6" 152 mm	2" 51 mm	1" 25 mm	4
383T-08020	131" 3327 mm	36" 915 mm	43" 1092 mm	65" 1651 mm	21" 533 mm	8" 203 mm	2" 51 mm	1" 25 mm	5
383T-10020	137" 3480 mm	36" 915 mm	49" 1245 mm	71" 1803 mm	23" 584 mm	10" 254 mm	2" 51 mm	1" 25 mm	5
383T-12020	137" 3477 mm	36" 915 mm	49" 1245 mm	71" 1803 mm	23" 584 mm	10" 254 mm	2" 51 mm	1" 25 mm	5

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

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