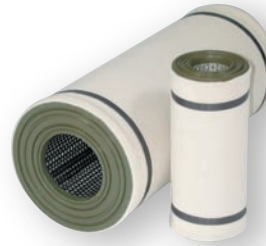
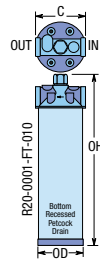
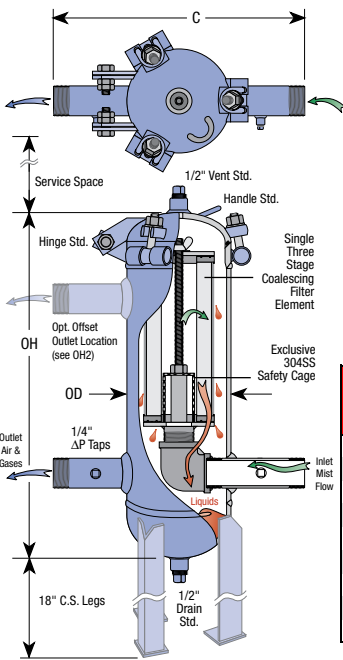


Coalescing Filters - to 175 psig @ -20 to 200°F

Enameled Carbon Steel ◊ 304 Stainless

- Intake Air Flows to 40,000 SCFM Std.
- ASME U Stamp Std., Nat'l. Board Registered
- Exceptionally Low ΔP, High Flow
- Pleated Element Design - Exceptional Useful Filter Area
- Hinged Swing Bolt Closure, Easy Access, O Ring Seal
- 304SS Throat Safety Cages and ΔP Taps Std.
- Rugged Enameled Steel or 304SS Construction
coalescing filters are fabricated from rugged enameled carbon steel, designed, constructed in accordance w/ASME Boiler & Pressure Vessel Code requirements for unfired pressure vessels. Any model can be modified to fit your needs.
- Standard Connection Sizes from 1" to 12"
NPT or raised face flange in-line connections are std. Alt. connections and/or an elevated discharge are available.
- Coalescing Filter Media.
#907 media is composed of microfine borosilicate glass fibers bonded with phenolic resin. Together with a textile prefilter and a final drain layer, these pleated elements are remarkably effective at coalescing fine entrained oil and aqueous vapor mist from air/gas flows with very low ΔP. Experience has demonstrated high removal (over 90%) in dealing with 1.0 to 0.3μ aerosols. **Other optional filter media such as #926 exceeds 95% removals.** Individual performance will vary with the specific viscosity and vapor pressure of liquid contaminants.
- Options: Carbon steel support legs in any length, gauges, and special finishes, are optional on any model.



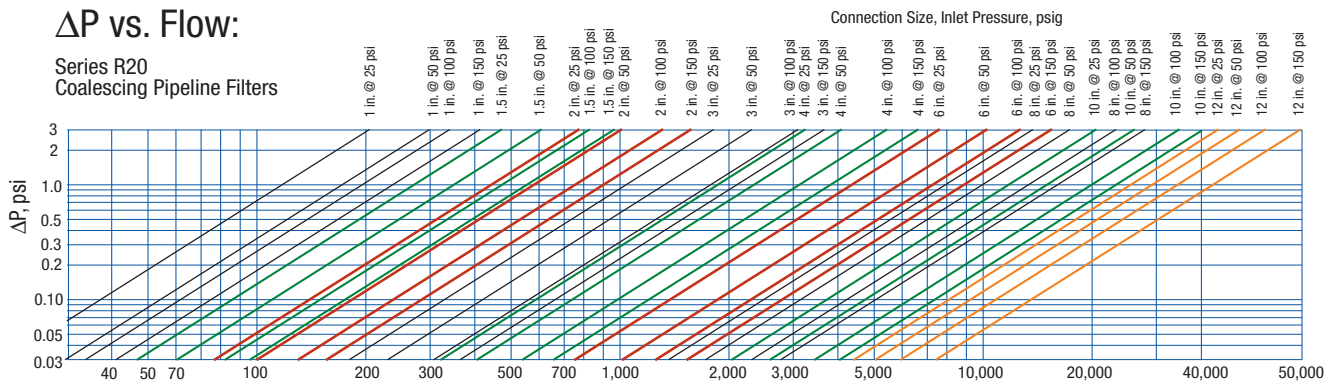
Housing Model No.	Conn. Size	Conn. Type	Cover Style	Dimensions in Inches				Wgt. Lbs.
				OD	OH	C	Serv. Space	
C175-FT-010	1"	FPT	T-Top	6-5/8	24	16	16	70
C175-MT-015	1.5"	MPT	Swg Bolt	6-5/8	28	16	16	80
C175-MT-020	2"	MPT	Swg Bolt	8-5/8	30	16	16	110
C175-RF-030	3"	Flg.	Swg Bolt	8-5/8	39	20	24	130
C175-RF-040	4"	Flg.	Swg Bolt	10-3/4	43	20	24	200
C175-RF-060	6"	Flg..	Swg Bolt	12-3/4	52	24	26	280
C175-RF-080	8"	Flg.	Swg Bolt	16	67	28	36	475
C175-RF-100	10"	Flg.	Swg Bolt	20	74	32	36	750
C175-RF-120	12"	Flg.	Swg Bolt	24	82	36	39	900

R20 filter in nat. gas line.



ΔP vs. Flow:

Series R20 Coalescing Pipeline Filters



1. For service at temp. other than 60°F, multiply ΔP by: (460 + (oper. °F)) / 520
2. ΔP is chgd. proportionally with gas gravity, i.e. nat. gas ΔP 60% that of air.

Flow, SCFM (60 °F, 1 atm.)

Due to our continuing program of improvement, specifications are subject to change without notice.