

Coalescing Filters – to 1480 psig

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1480psig @ -20 to 100°F
1350psig @ -20 to 200°F

Series R50 – Enameled Carbon Steel
Series R52 – 304 Stainless



- Intake Air Flows to 200,000 SCFM Std.
- ASME U Stamp Std., Nat'l. Board Registered
- Pleated Element Design, Exceptional Useful Filter Area
- Low ΔP, High Flow
- Hinged Flange w/Lift Lug Std.
- Service Access W/O Breaking Connections
- 304SS Throat Safety Cages and ΔP Taps Std.
- Rugged Enameled Steel or 304SS Construction

Series R50 coalescing pipeline filters are fabricated from rugged enameled carbon steel, (R52 are 304SS), designed, constructed, and stamped in accordance with ASME Boiler and Pressure Vessel Code requirements for unfired pressure vessels. Any model can be modified to more exactly fit your needs. 7/8" gauge. taps opt.

• Connection Sizes from 1" to 12"

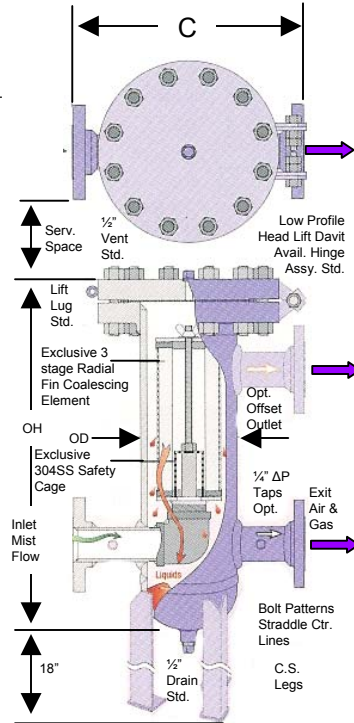
Raised face flanges (RF) in-line connections are std. Alternative orientations and sizes are available upon request. A simple blind flange closure assembly is standard on all models.

• 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 3.0μ aerosols. Other optional filter media such as #962 exceeds 95% removals. Individual performance will vary with the specific viscosity and vapor pressure of liquid contaminants.

• Options:

Carbon steel supports legs in any length, (18" CS leg supports are std. on all R50 and R52 models), gauges, special finishes, and head lift assemblies are optional on any model. Call for information on vessels having other pressure services, 304SS, or other materials of construction.



Housing Model No.	Conn. Size	Conn. Type	Cover Style	Dimensions in inches				Wgt. Lbs.
				OD	OH	C	Serv Space	
R50-0200-RF-010	1"	Flg.	Blind Flg.	6 5/8"	24	18	16	350
R50-0201-RF-015	1 1/2"	Flg.	Blind Flg.	6 5/8"	28	18	16	400
R50-0202-RF-020	2"	Flg.	Blind Flg.	8 5/8"	28	18	16	450
R50-0203-RF-030	3"	Flg.	Blind Flg.	8 5/8"	39	24	24	500
R50-0204-RF-040	4"	Flg.	Blind Flg.	10 3/4"	42	28	24	1000
R50-0205-RF-060	6"	Flg.	Blind Flg.	12 3/4"	51	30	26	1200
R50-0206-RF-080	8"	Flg.	Blind Flg.	16	66	32	36	1800
R50-0207-RF-100	10"	Flg.	Blind Flg.	20	76	36	36	2600
R50-0208-RF-120	12"	Flg.	Blind Flg.	24	78	42	39	3600

