

Coalescing Filters - to 1480 psig

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.

• 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.

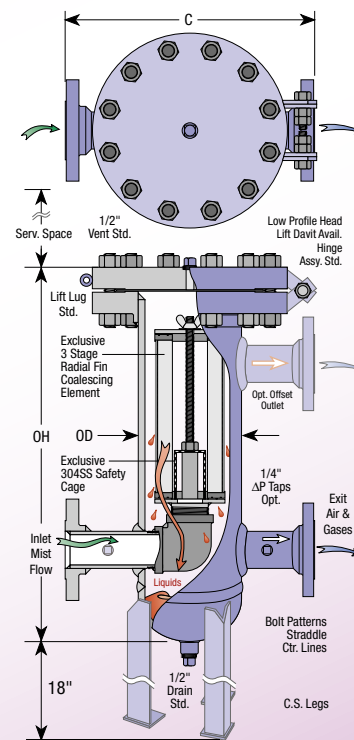
• Coalescing Filter Media. Sparks™ #907

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 contaminates.

• Options:

Carbon steel support 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.

[See pgs. 13 & 14 for more options and a worksheet to fax back to us.](#)



Housing Model No.	Conn. Size	Conn. Type	Cover Style	Dimensions in Inches				Wgt. Lbs.	Order Element No.
				OD	OH	C	Serv. Space		
R50-0200-RF-010	1"	Flg.	Blind Flg.	6 5/8"	24	18	16	350	321-1439WK907
R50-0201-RF-015	1 1/2"	Flg.	Blind Flg.	6 5/8"	28	18	16	400	321-3235WK907
R50-0202-RF-020	2"	Flg.	Blind Flg.	8 5/8"	28	18	16	450	321-3236WK907
R50-0203-RF-030	3"	Flg.	Blind Flg.	8 5/8"	39	24	24	500	321-3237WK907
R50-0204-RF-040	4"	Flg.	Blind Flg.	10 3/4"	42	28	24	1000	321-3238WK907
R50-0205-RF-060	6"	Flg.	Blind Flg.	12 3/4"	51	30	26	1200	321-3239WK907
R50-0206-RF-080	8"	Flg.	Blind Flg.	16	66	32	36	1800	321-3240WK907
R50-0207-RF-100	10"	Flg.	Blind Flg.	20	76	36	36	2600	321-3241WK907
R50-0208-RF-120	12"	Flg.	Blind Flg.	24	78	42	39	3600	321-3242WK907

