

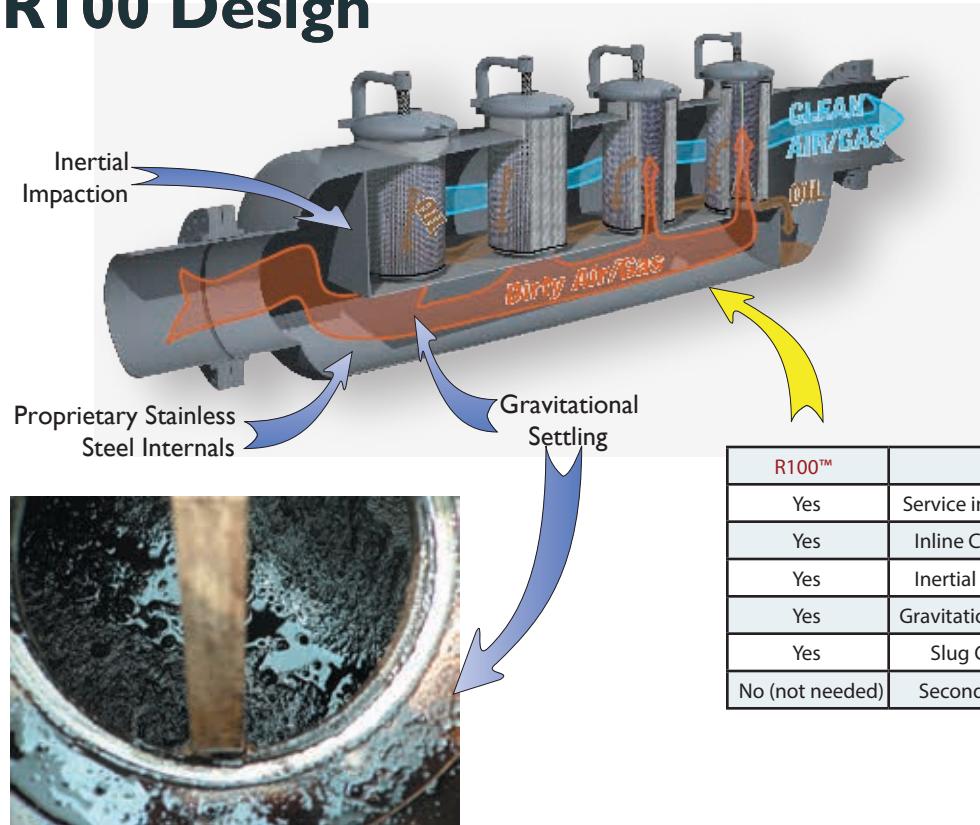
Series R100™ Coalescing Filter

Alfafilter®

Filtrations und Separationstechnik

Horizontal vessels with vertical orientated coalescing filter elements, multi-stage filtration utilizing gravitational settling and inertial impaction. Filter elements incorporate particulate and coalescing sub micron filtration. Integral slug catcher with (2) sump holding chambers with ease in maintenance and service - Hundreds in successful service - Vertical filtration (not horizontal or vane packs). A proven vertical coalescing system, new technology improving efficiency and maintenance down time while expanding element life. Quick opening closures - no tools required, no compressors or impact tools required.

R100 Design

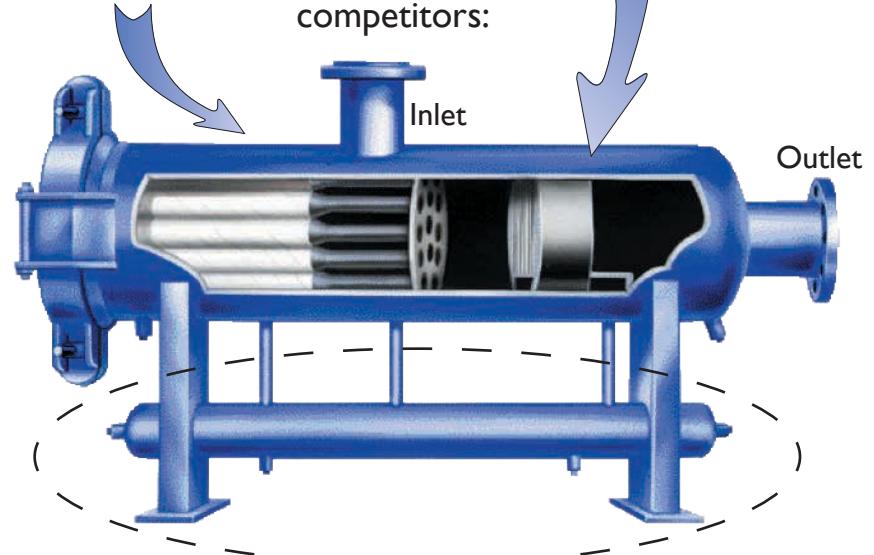


View below filter elements - particulate & liquid removed prior to filter elements.

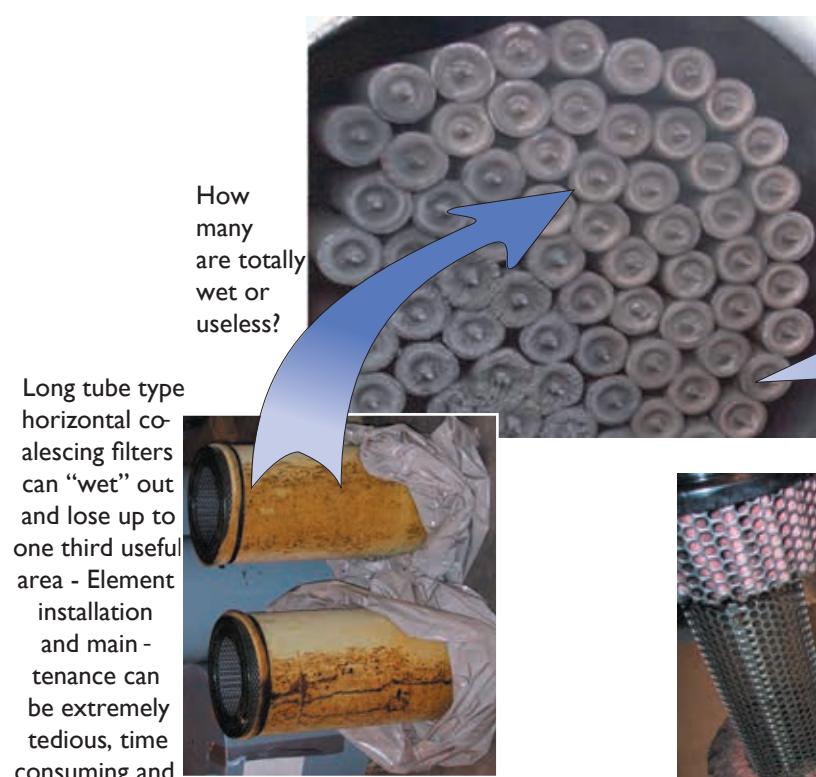
	Case A		Case B		Case B	
	R100™	Competitor	R100™	Competitor	R100™	Competitor
Vessel OD	36"	36"	36"	42"	36"	48"
# Of Elements	3	31	4	38	5	56
Element Length	30"	72"	30"	72"	30"	72"
Total Sq. Ft.	243	224	325	274	405	404

R100™		Competitor
Yes	Service in 1-2 Hours	No
Yes	Inline Connection	No
Yes	Inertial Impaction	No
Yes	Gravitational Settling	No
Yes	Slug Catching	No
No (not needed)	Secondary Sump	Yes

Similar or Current
Design for most
competitors:



Not required with the R100™



Multiple
Horizontal
Tubes lose
efficiency
and quite
often by pass
at the seals.

Vertical filters drain towards the
bottom - only 1-2" are wet.

Service 2 to 5 elements in less than (1) hour
OR
up to 75 in many hours



Efficiencies:

Independent Lab Tested:

Particulate:	Liquid:
99% 0.7 Micron	99% 0.7 Micron
99.5% 1 Micron	99.3% 1 Micron
99.9% >5 Micron	99.9% >5 Micron