



Features

- Safe and quick operation using tested technique
- Easy installation and maintenance
- Quick opening / closure options in excessive pressure levels.
- Alternative degrees of filtration available by changing element type
- Economic due to increased surface area.
- Long life time because high solid holding capacity.
- Reliable Performance

ERGIL® Aviation Micro Filter & Coalescer Separator Vessels

ERGIL® Micro Filter Water Separator's compact design, and high efficient internals performs longer than most of the competitor products thanks to its specially designed cartridge filters. It is specially designed for Aviation industry to filter and separate water from Jet A1, A and other products. We provide various design solutions; such as ASME, AD-2000, GOST-R and can provide ASME U Stamp. Thanks to ERGIL RX quick opening closures, changing cartridges, inspection and maintenance have never been so easy.

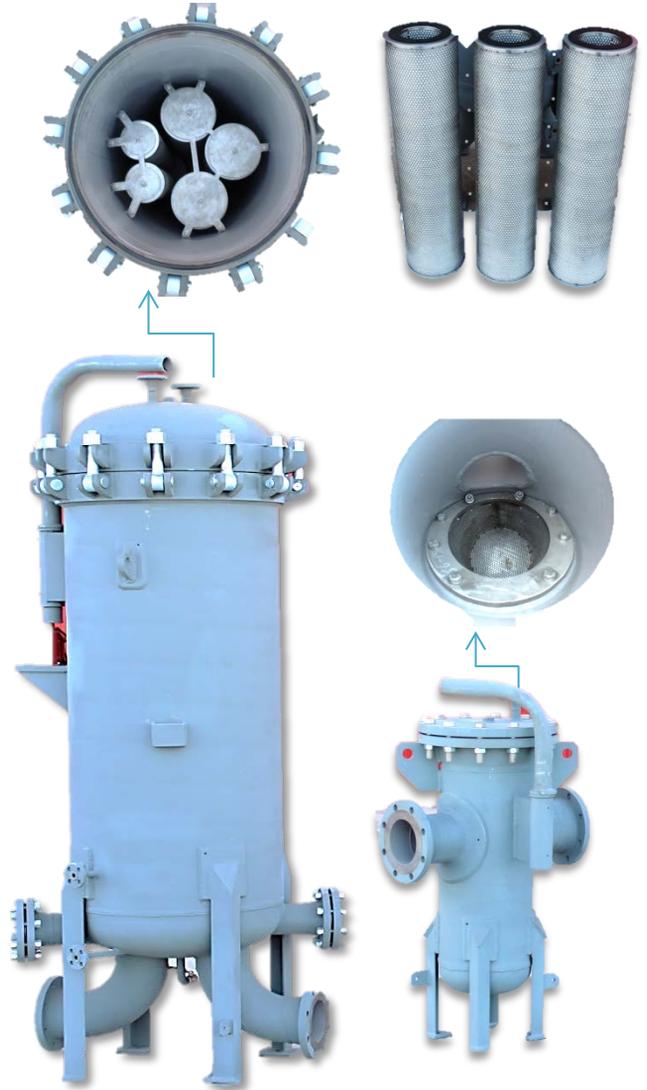
ERGIL brings more than 35 years of experience to meeting your Aviation Micro Filter & Coalescer Separator Vessel needs . ERGIL Micro Filter & Coalescer Separator Vessels design innovations have evolved from one of the most experienced engineering departments in the industry. ERGIL Micro Filter & Coalescer Separator Vessels is ISO 9001 Certified facilities utilize cutting-edge 3D computer modeling technology and state-of-the art fabrication equipment. ERGIL Filter and Separators is backed by the dynamic solutions and modernized tech and it is Turkish made product created by dedicated team with a philosophy of excellence to meet and exceed ERGIL's client's expectations.

STANDARD DESIGN

- ASME, AD-2000, GOST-R stamp and certification in design and manufacture.
- Carbon steel fabrication or other durable materials available on request
- Rod or screw base coalescer with cartridge mounted style
- Permanently marked inlet, outlet and drain connections.
- Swing bolt head open/closures
- Buna-N O-Ring Closure seal against extreme pressure
- Sloping cartridge plate system to drain connection
- Connections provided for the following options: Automatic air eliminator, Differential pressure gauge, Pressure relief valve, Pilot control valve, pilot tester, Water slug control valve, Electrical water-level alarm, liquid level gauge, Water drain valves, etc.

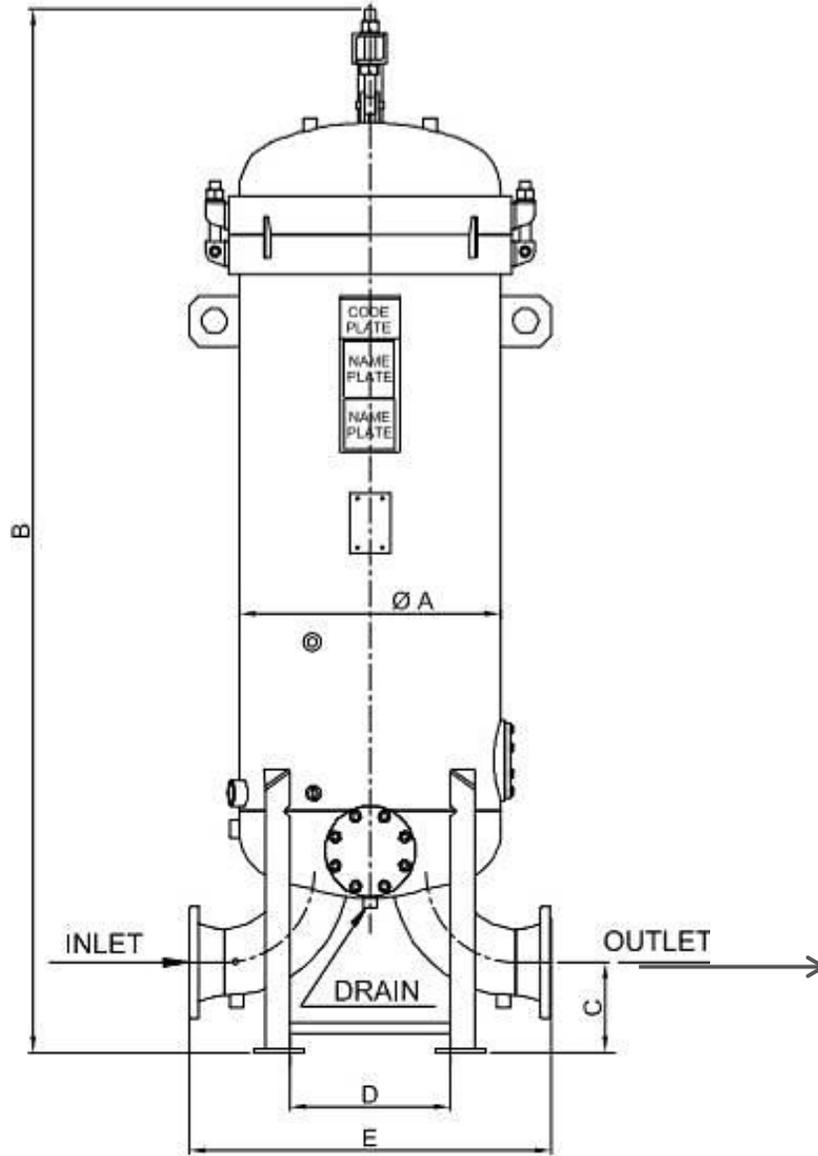
Top view of cartridge system

Cartridges for separation



RELIABLE PRODUCT

As a result of over 30 years continuous research & development to meet the required performance in the aviation fuel handling industry. ERGIL Aviation Micro Filters & Coalescer Separators along with proven field performance, shows its ability to provide the best quality products that exceeds and meets client's requirements for installations in refineries, bulk storage terminals, heliports, airports, etc.



DATA											
FLOW RATE		REQUIRED CARTRIDGES				HOUSING LIQUID VOLUME		HOUSING DRY WEIGHT		HOUSING TYPE	
		COALESCER		SEPARATOR							
gpm	lpm	qty.		qty.		gals.	ltrs.	gals.	ltrs.		
609	2305	5		2		165	625	1200	544	Vertical Dished Housing	

INLET OUTLET DIAMETER		MAIN DRAIN	DIMENSIONS									
			A		B		C		D		E	
in.	mm.	in.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
6	152	3/4	26	660	103½	2629	9	229	16	406	36	914