



Horizontal *Aquacon*[®] Vessels

EI 1596 1st Edition Monitor

Specification Qualified

HA Series

Horizontal *Aquacon*[®] for Aircraft Fueling Trucks, Hydrant Carts, and Cabinets

FEATURES

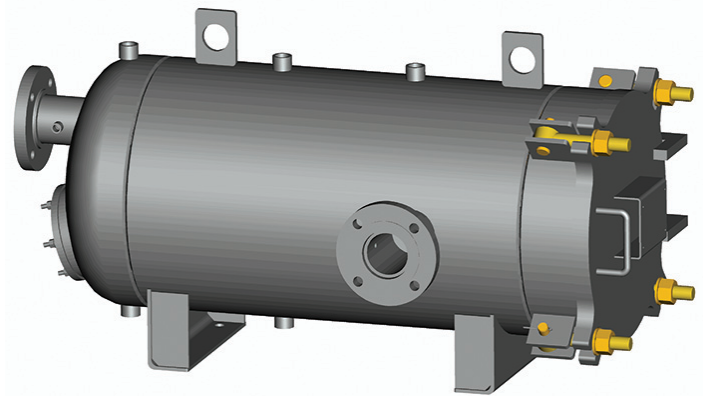
- Positive Protection Against Water and Dirt
- Compact Design
- ASME Code Qualification
- Field Proven Performance

DESCRIPTION

Compact HA Series *Aquacon*[®] vessels are designed to utilize 6" outside-to-inside flow *Aquacon*[®] elements meeting the latest edition of the EI 1583 for aviation fuel filter monitors with absorbent type elements.

SPECIFICATIONS

- 150 PSI ASME Code Construction
- 220 psid (15 bar) Hydrotest Pressure for Deckplate
- Carbon Steel Construction
- RF Flanged or Victaulic Connections
- Swing Bolted Closure
- Buna-N O-Ring Cover Seal
- Mil-PRF-4556 Epoxy Coated Interior, Primed Exterior



RECOMMENDED ACCESSORIES

- Automatic Air Eliminator
- Pressure Relief Valve
- Manual Drain Valve(s)
- Differential Pressure Gauge
- Sampling Probes
- ASME Code Stamp

*****CAUTION*****

**DO NOT USE WITH PRE-MIXED FUEL
CONTAINING ANTI-ICING ADDITIVES.**

VESSEL MODEL NUMBER	FLOW RATE		CARTRIDGES		WEIGHT W/SKID (LBS)	VOLUME US GALS
	US GPM	L/M	MODEL NO.	QTY		
HA829M	115	435	ACO-62901	1	265	8
HA844M	173	654	ACO-64401	1	300	12
HA1814M	232	878	ACO-61401	4	550	29
HA1829M	460	1,741	ACO-62901	4	600	44
HA2229M	805	2,611	ACO-62901	7	720	56
HA2244M	1,211	3,928	ACO-64401	7	800	75

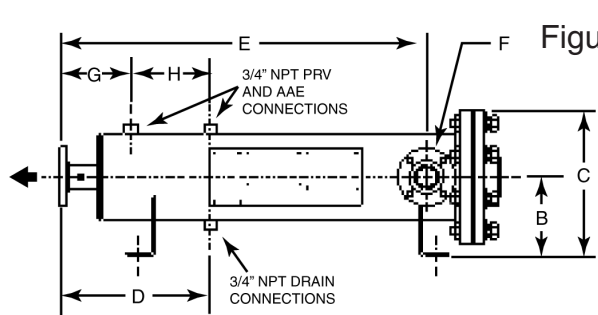


Figure 1

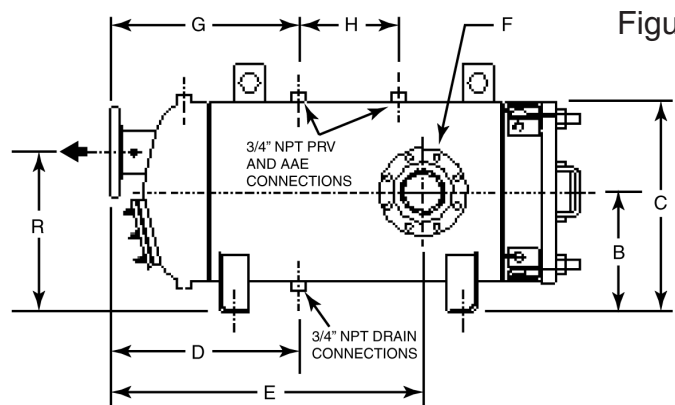
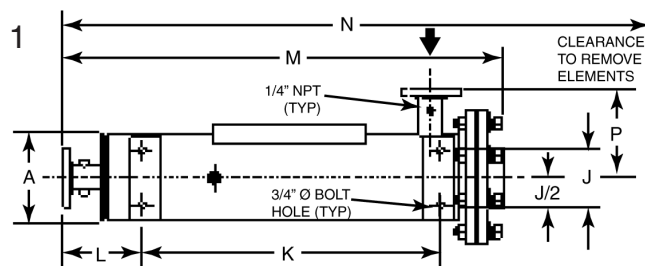
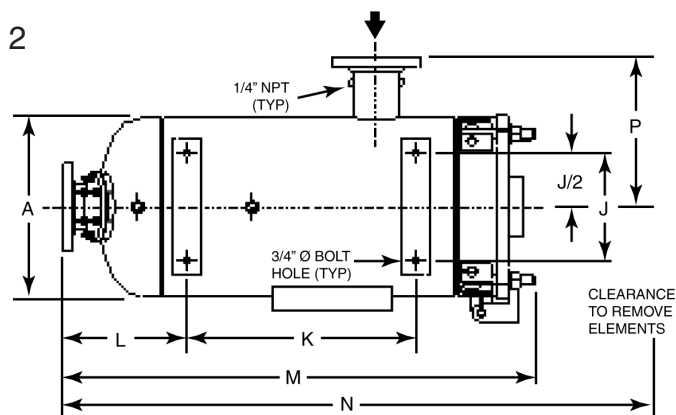


Figure 2



VESSEL MODEL NUMBER	Fig.	DIMENSIONS IN INCHES															
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	
HA829M	1	8 ⁵ / ₈	8	14 ³ / ₄	15 ¹ / ₄	37	2	7 ¹ / ₄	8	5 ¹ / ₂	30	8	44 ³ / ₈	74	9	N/A	
HA844M	1	8 ⁵ / ₈	8	14 ³ / ₄	16	51 ¹ / ₂	2	8	8	5 ¹ / ₂	41	8	58 ⁵ / ₈	102	9	N/A	
HA1814M	2	18	12	21	12 ¹ / ₂	18 ¹ / ₄	4	12 ¹³ / ₁₆	8	10 ³ / ₄	10	12 ¹ / ₂	32 ¹⁵ / ₁₆	48	15	16	
HA1829M	2	18	12	21	12 ¹ / ₂	31 ⁹ / ₁₆	4	19	10	10 ³ / ₄	23	12 ¹ / ₂	47 ⁷ / ₁₆	76	15	16	
HA2229M	2	22	15	28 ¹ / ₂	14	32 ³ / ₄	6	20	10	16	25	14	49 ¹ / ₄	78	17	20	
HA2244M	2	22	15	28 ¹ / ₂	14	48	6	20	10	16	40	14	64 ¹ / ₄	108	17	20	



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