

# Clay Vessels

## VC Series - Parker Velcon Standard Canister Design Offers Many Advantages over Bag-Type Design

VC Series are for use with Parker Velcon clay cartridges in applications such as removing surfactants from jet fuel and acids or products of oxidation. The standard design is fitted for canister type cartridges with knife seal mounting hardware. Parker AFD recommends a standard canister design because it offers many advantages over the bag type.

### BENEFITS

- **Positive Cartridge End Seal**  
prevents contaminated liquid bypass
- **Lower Purchase Price**  
the canister design eliminates the need for costly cartridge standpipes
- **Easier, Faster Cartridge Changes** with simple hand tools

### OTHER STANDARD DESIGN FEATURES

- 150 psi ASME Code construction
- RF flanged connections
- Swing bolt closure with Buna-N O-ring cover seal
- Hydraulic jack cover lift
- Inlet baffle to protect cartridges
- El 1541 specification epoxy coated interior, primed exterior.
- El1596 constructed

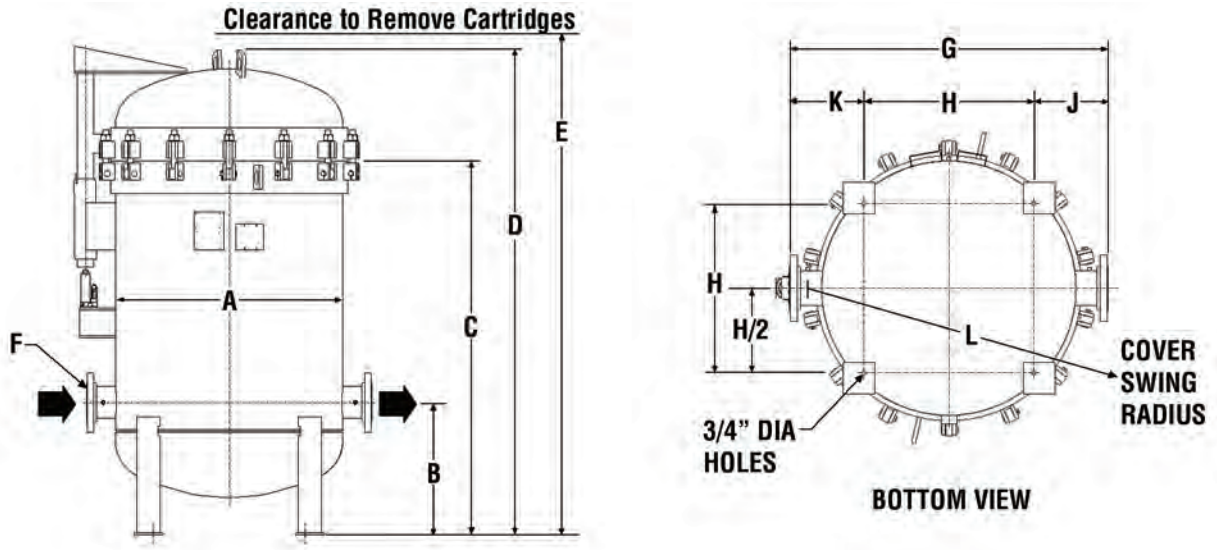
### OPTIONAL ACCESSORIES

Parker AFD recommends automatic air vent, pressure relief valve, differential pressure gauge, and drain valves (2 per vessel). Also available are work platforms, sampling probes and ASME

Code Certification. Clay vessels can be designed with carriers to allow for removal of all canisters at once.



VC4854285



**CLAY VESSELS**

Model	Flow Rate (Kerosene) USGPM	Cartridges		Dimensions (inches)*											Weight (w/ skid) (lbs.)	Volume (US Gal.)
		Model	Qty.	A	B	C	D	E	F	G	H	J	K	L		
VC3636	230	CO-718CE	34	36 <sup>5</sup> / <sub>8</sub>	25	57 <sup>3</sup> / <sub>8</sub>	77	77	4	48	23	12 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>2</sub>	43 <sup>13</sup> / <sub>16</sub>	2125	251
VC3654	340	CO-718CE	51	36 <sup>5</sup> / <sub>8</sub>	25	75 <sup>3</sup> / <sub>8</sub>	95	95	4	48	23	12 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>2</sub>	43 <sup>13</sup> / <sub>16</sub>	2375	331
VC4254	465	CO-718CE	72	42 <sup>3</sup> / <sub>4</sub>	26 <sup>1</sup> / <sub>2</sub>	77 <sup>1</sup> / <sub>2</sub>	100	97	6	54	28	13	13	52 <sup>9</sup> / <sub>16</sub>	3000	468
VC4854	600	CO-718CE	93	48	28	79	103 <sup>1</sup> / <sub>8</sub>	98	6	60	32	14	14	57 <sup>1</sup> / <sub>8</sub>	3500	626
VC5454	800	CO-718CE	120	54 <sup>3</sup> / <sub>4</sub>	29	80	107 <sup>3</sup> / <sub>4</sub>	99	6	66	36 <sup>1</sup> / <sub>2</sub>	14 <sup>3</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>4</sub>	65	4100	813
VC6054	1050	CO-718CE	150	60 <sup>3</sup> / <sub>4</sub>	31	81 <sup>5</sup> / <sub>8</sub>	112 <sup>1</sup> / <sub>2</sub>	100	8	72	41	15 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	71	4750	1028
VC6654	1200	CO-718CE	183	67	36	87 <sup>1</sup> / <sub>8</sub>	118 <sup>7</sup> / <sub>8</sub>	108	8	78	45 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	75	6500	1275

\*Dimensions are shown for estimating purposes. For exact dimensional detail, obtain certified copy of Vessel Drawing.

Note: For tight spaces, clearance to remove clay cartridge is only 2 feet above flange break.