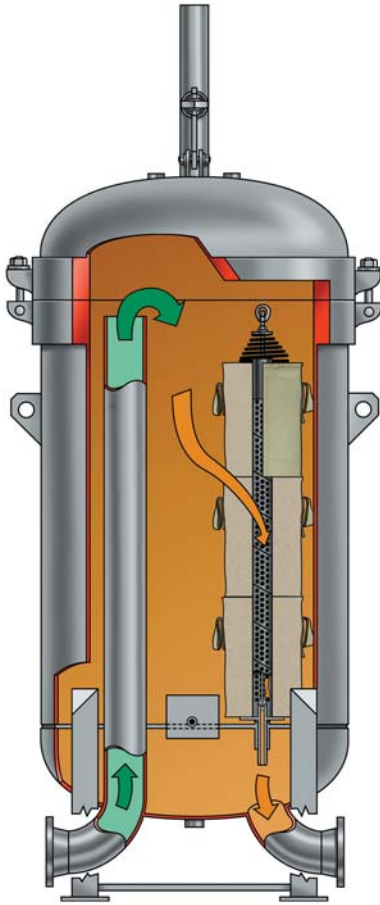


Carbon and Clay Treater Housings



STANDARD HOUSING DESIGN

- Welded carbon steel construction
- ASME Code, Section VIII construction, stamped and certified
- Design pressure: 150 psi @ 250°F
- Inlet and outlet permanently marked
- Interior: Epoxy coated
- Exterior: Prime coated
- Removable cartridge mounting post
- Swing bolt closure
- Buna-N closure gasket
- Hydraulic headlift

NPT CONNECTIONS

- 1/4" differential pressure gauge
- 3/4" pressure relief valve and vent
- 2" main drain
- 1 1/2" side drain

OPTIONS

- Automatic air eliminator
- Differential pressure gauge
- Pressure relief valve
- Sampling probe
- Cartridge hoist assembly
- Working platform, ladder and handrails on 42" (1067 mm) OD and larger housings

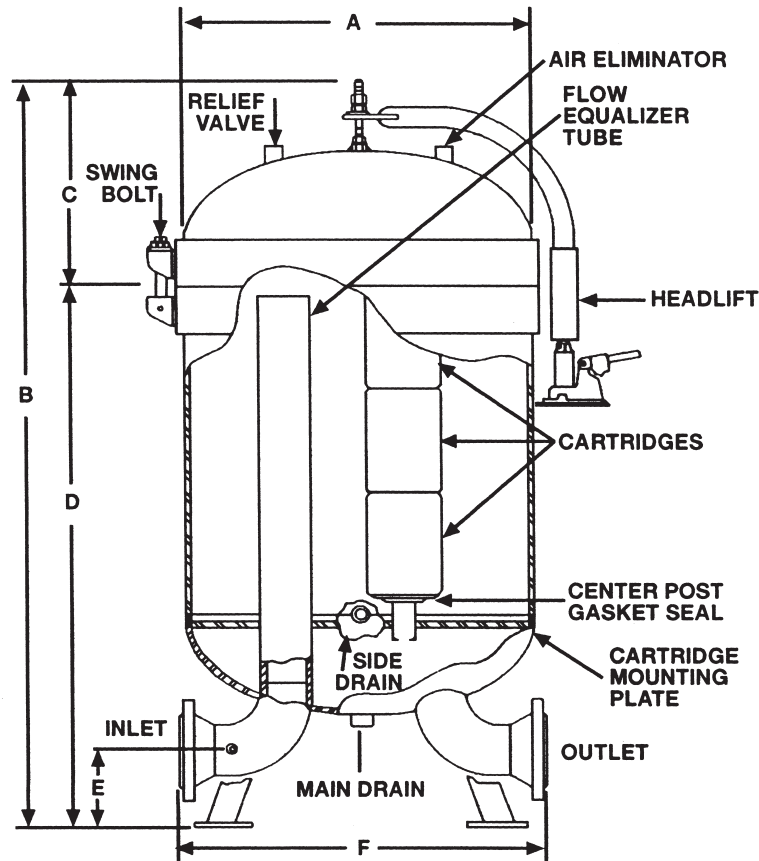
DATA

| MODEL NUMBER | LIQUID VOLUME | | REQUIRED CARTRIDGES | DRY WEIGHT | |
|--------------|---------------|-------|---------------------|------------|------|
| | gals. | ltrs. | | lbs. | kgs. |
| 13F3-C | 288 | 1090 | 39 | 1913 | 868 |
| 24F3-C | 456 | 2067 | 72 | 3250 | 1474 |
| 31F3-C | 702 | 2657 | 93 | 4459 | 2023 |
| 40F3-C | 874 | 3308 | 120 | 5380 | 2440 |
| 50F3-C | 1167 | 4417 | 150 | 6976 | 3164 |
| 60F3-C | 1442 | 5458 | 180 | 8298 | 3764 |
| 67F3-C | 1570 | 5942 | 201 | 9602 | 4355 |

Weights and volumes are approximate.

Due to our continuing program of improvement, specifications are subject to change without notice.

Carbon and Clay Treater Housings



DIMENSIONS

| MODEL NUMBER | FLANGED INLET/OUTLET CONNECTIONS | | DIMENSIONS | | | | | | | | | | | | ANCHOR BOLT | | | |
|--------------|----------------------------------|-----|--------------------------------|------|-----------------------------------|------|----------------------------------|-----|---------------------------------|------|-------------------------------|-----|-----|------|--------------------------------|------|-------------------------------|-----|
| | | | A | | B | | C | | D | | E | | F | | BOLT CIRCLE | | BOLT HOLE | |
| | | | in. | mm. | in. | mm. | in. | mm. | in. | mm. | in. | mm. | in. | mm. | in. | mm. | in. | mm. |
| 13F3-C | 4 | 102 | 32 | 813 | 127 ¹ / ₄ | 3232 | 12 ³ / ₄ | 324 | 87 ¹ / ₂ | 2222 | 6 | 152 | 30 | 762 | 27 ³ / ₈ | 695 | 7 ⁷ / ₈ | 22 |
| 24F3-C | 4 | 102 | 42 ³ / ₄ | 1086 | 134 ³ / ₁₆ | 3408 | 16 ³ / ₄ | 425 | 90 ⁷ / ₁₆ | 2297 | 6 | 152 | 30 | 762 | 36 ¹ / ₂ | 927 | 7 ⁷ / ₈ | 22 |
| 31F3-C | 6 | 152 | 48 ³ / ₄ | 1238 | 141 | 3581 | 18 ³ / ₄ | 476 | 95 | 2413 | 7 ¹ / ₂ | 191 | 47 | 1194 | 40 ¹ / ₄ | 1022 | 1 ¹ / ₈ | 29 |
| 40F3-C | 6 | 152 | 54 ³ / ₄ | 1391 | 145 ⁵ / ₁₆ | 3691 | 20 ¹³ / ₁₆ | 529 | 97 ¹ / ₄ | 2470 | 7 ¹ / ₂ | 191 | 43 | 1092 | 50 | 1270 | 1 ¹ / ₈ | 29 |
| 50F3-C | 8 | 203 | 60 ³ / ₄ | 1543 | 152 ¹¹ / ₁₆ | 3878 | 23 ¹ / ₄ | 591 | 102 ³ / ₄ | 2610 | 9 | 229 | 55 | 1397 | 52 | 1321 | 1 ¹ / ₈ | 29 |
| 60F3-C | 8 | 203 | 67 | 1702 | 154 ³ / ₄ | 3931 | 25 ³ / ₈ | 645 | 102 ³ / ₄ | 2610 | 9 | 229 | 60 | 1524 | 52 | 1321 | 1 ¹ / ₈ | 29 |
| 67F3-C | 8 | 203 | 73 | 1854 | 158 | 4013 | 27 ⁵ / ₈ | 702 | 104 | 2642 | 9 | 229 | 62 | 1574 | 56 | 1422 | 1 ¹ / ₈ | 29 |

All dimensions are approximate and should be used for estimating purposes only.

NOTES:

1. Housing model number will include cartridge model number when selected.
2. Clay treater housings use Facet bag or canister style cartridges, 3 deep per stack.
3. Clay cartridges are **not** installed at factory prior to shipment.
4. Removable bundle design available on request. Contact your Facet Representative for details.

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