

Description

If you are looking for the proven performance of a steel tank in a lightweight composite design, C2-Lite CAD series is the answer. Efficient and cost effective, C2-Lite CAD tanks are designed with the patented controlled action diaphragm design of Challenger tanks. Unlike other composite tanks that hide tired old bag technology in a plastic shell, the patented CAD-2 diaphragm design is stronger and will not crease and wear out. It features a chlorine resistant 100% butyl diaphragm with a precision molded copolymer polypropylene liner for superior air and water separation. This patented design allows each size tank to have a properly sized water chamber matched to the drawdown performance of that tank. C2-Lite CAD tanks are easy to install, weather resistant and engineered to withstand even extreme environmental conditions. When it comes to performance and durability, the C2-Lite CAD design cannot be beaten.

C2-Lite CAD tanks are quality tested at several stages on the production line to insure the structural integrity of every tank.

C2-Lite CAD tanks represent the best value for the investment and are the best quality composite vessels available today.

Design Features

- Patented CAD-2 diaphragm technology
- Unique 3 piece construction
- Reinforced Plastic Connection
- Durable continuous strand fiberglass sealed with epoxy resin
- Rugged copolymer polypropylene base
- Quality brass air stem with o-ring seal
- No sweat design
- Comprehensive testing
- No maintenance

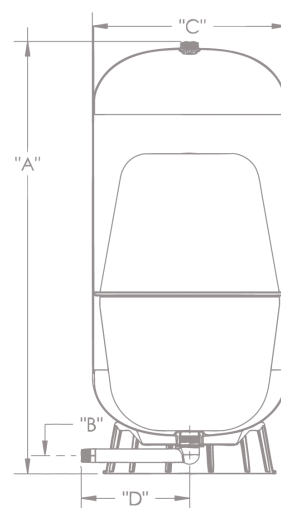
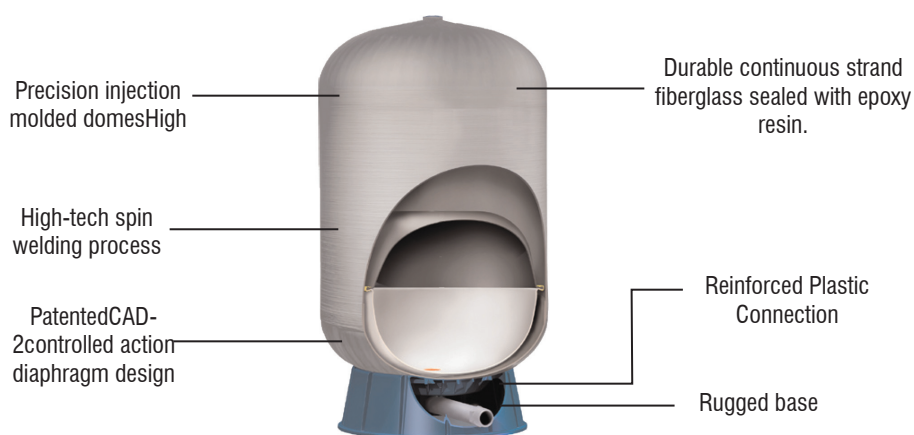
Applications

These tanks are ideally suited for a wide range of applications including:

- Booster systems
- Thermal expansion
- Irrigation systems
- Hydraulic hammer arresting
- Fire Fighting



Technical Specification



| | |
|-----------------------------|---|
| Maximum Working Pressure | 8.6 bar/ 125 PSI |
| Maximum Working Temperature | 194° F/ 90° C |
| Neat Line Connection | C2B-60-C2B-130 1" BSP C2B-200-C2B-450 1 1/4" BSP |
| Standard Pre-charge | 1.4 bar |

Product Details

C2-LiteCAD™ Series Models

| BSP | | Nominal Volume | | Shipping (Box) Volume | | Shipping (Box) Weight | | Dimensions | | | | | | | |
|-----------------|-----------------|----------------|-----|-----------------------|-----------------|-----------------------|------|------------|--------|-----|--------|------|--------|-------|--------|
| | | | | | | | | A | | B | | C | | D | |
| Old Part Number | New Part Number | liters | gal | m ³ | ft ³ | kg | lbs | cm | inches | cm | inches | cm | Inches | cm | Inches |
| C2B-60 | C2B-60LV | 60 | 15 | 0.13 | 4.44 | 8.6 | 19.0 | 64.90 | 25.6 | 4.5 | 1.8 | 41.8 | 16.6 | 23.88 | 9.40 |
| C2B-80 | C2B-80LV | 80 | 20 | 0.16 | 5.79 | 10.9 | 24.0 | 85.20 | 34.1 | 4.5 | 1.8 | 41.8 | 16.6 | 23.88 | 9.40 |
| C2B-100 | C2B-100LV | 100 | 25 | 0.19 | 6.66 | 12.7 | 28.0 | 96.70 | 38.6 | 4.5 | 1.8 | 41.8 | 16.6 | 23.88 | 9.40 |
| C2B-130 | C2B-130LV | 130 | 35 | 0.23 | 8.26 | 15.2 | 33.5 | 122.70 | 48.9 | 4.5 | 1.8 | 41.8 | 16.6 | 23.88 | 9.40 |
| C2B-200 | C2B-200LV | 200 | 50 | 0.35 | 12.24 | 20.2 | 44.5 | 109.80 | 43.3 | 5.7 | 2.3 | 54.2 | 21.5 | 30.23 | 11.90 |
| C2B-250 | C2B-250LV | 250 | 65 | 0.41 | 14.5 | 24.97 | 55.0 | 130.30 | 51.3 | 5.7 | 2.3 | 54.2 | 21.5 | 30.23 | 11.90 |
| C2B-300 | C2B-300LV | 300 | 80 | 0.52 | 18.23 | 28.15 | 62.0 | 164.40 | 64.7 | 5.7 | 2.3 | 54.2 | 21.5 | 30.23 | 11.90 |
| C2B-350 | C2B-350LV | 350 | 90 | 0.59 | 20.66 | 33.14 | 73.0 | 144.80 | 57.0 | 5.7 | 2.3 | 61.4 | 24.3 | 34.04 | 13.40 |
| C2B-450 | C2B-450LV | 450 | 120 | 0.74 | 26.06 | 36.32 | 80.0 | 183.10 | 72.1 | 5.7 | 2.3 | 61.4 | 24.3 | 34.04 | 13.40 |

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