

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

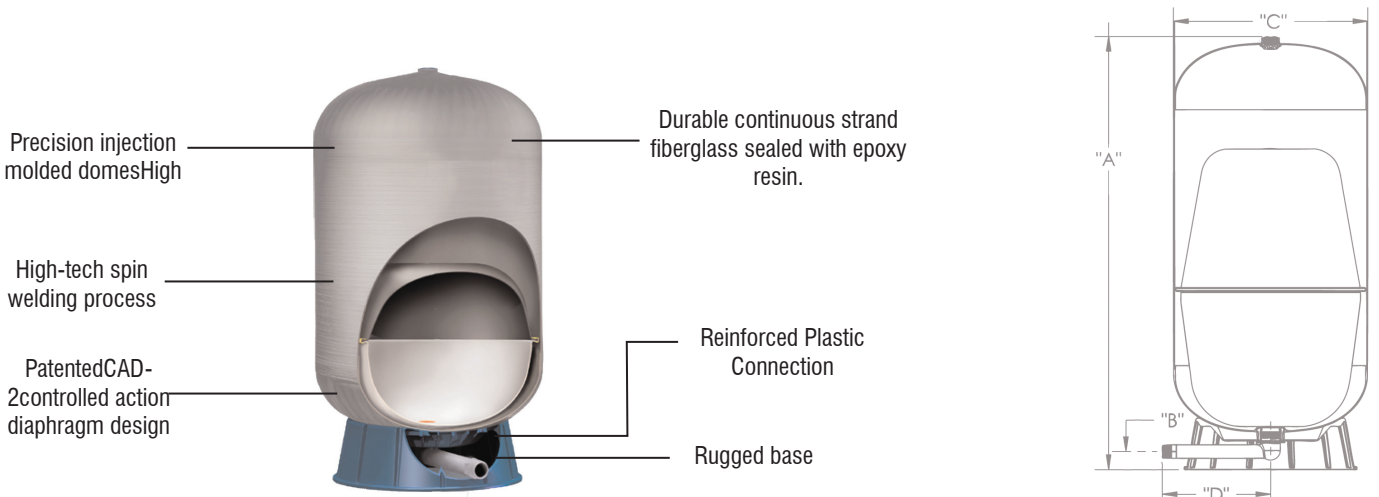
Applications

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

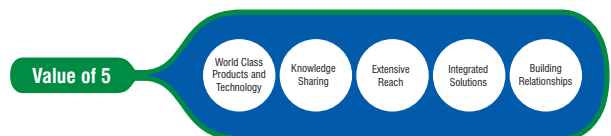
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