



C2-Lite UT™

Utility tanks



Features

- Precision injection molded domes for uniform wall thickness and consistent engineered dome profiles
- Reinforced with durable continuous strand fiberglass and sealed with weather-resistant epoxy resin
- Rugged base engineered to withstand maximum loads and extreme environmental conditions
- Durable, removable schedule 80 PVC water connection that can be accessorized
- Lightweight, non-corrosive, scratch-resistant construction
- Quality brass air stem with O-ring seal
- Comprehensive testing
- Maintenance-free



Certifications may vary by model. Check with your GWS sales representative for more detailed information

C2-Lite UT™ tanks are ideally suited for a wide range of applications, including commercial and residential storage, contact, hydropneumatic and degassing applications. With C2-Lite UT series GWS has engineered a line of lightweight composite utility tanks designed to stand up to years of tough service in the field. C2-Lite UT tanks represent the best value for the investment and are the best quality composite storage vessels available today.

C2-Lite UT tanks are easy to install, weather-resistant and engineered to withstand even extreme environmental conditions. When it comes to performance and durability, the GWS C2-Lite UT design cannot be beat. C2-Lite UT tanks are quality tested at several stages on the production line to ensure the structural integrity of every tank.

C2-Lite UT tanks are made using a unique three-piece internal construction design that allows for consistent engineered dome profiles and integrally bonded connections that lead to longer tank life. Its heavy-duty base is molded out of PP for maximum strength and durability. The C2-Lite UT tank has a removable schedule 80 PVC bottom connection that can be "accessorized" for increased installation flexibility. C2-Lite UT tanks are built to the same stringent quality standards as GWS steel tanks.

Models

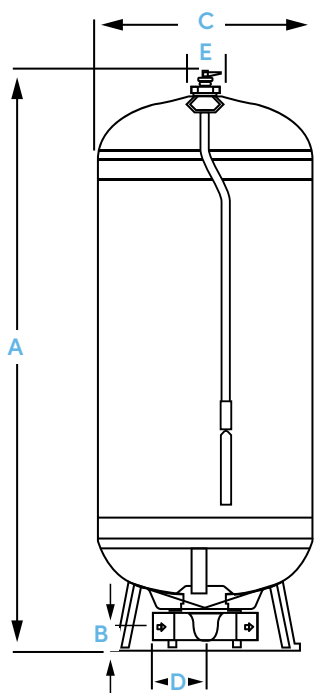
Model Number	Nominal Volume [L]	Connection	Dimensions (mm)					Gross Weight [kg]
			A	B	C	D	E	
CUB-115LV	115	1¼" BSPP	1080	45	418	239	1-1/4" FPT	9.1
CUB-150LV	150	1¼" BSPP	1356	45	418	239	1-1/4" FPT	14.5
CUB-300LV	300	1¼" BSPP	1628	57	546	302	1-1/4" FPT	26.3
CUB-450LV	450	1¼" BSPP	1816	57	614	340	1-1/4" FPT	34.0

Note: Minor dimensional variations may occur.

Specifications

Product Series Name	C2-Lite UT™
Max. Operating Temperature	49°C / 120°F
Max. Operating Pressure	6.9 bar 100 psi

Construction of a C2-Lite UT™ Tank



Top port fitting:

Glass filled stainless steel reinforced polypropylene insert molded into the top dome

Top and bottom domes:

Injection molded copolymer polypropylene

Shell:

Extruded copolymer polypropylene

Outer Shell:

Fiberglass-wound, coated with epoxy resin

Base:

Injection molded high-impact PP

Water Connection:

Scheduled 80 PVC pipe

Air volume control:

C2-Lite UT series tanks are supplied with an Air Volume Control (AVC) kit designed to regulate the air volume within the tank. The AVC Kit includes the air volume control, top vent fitting with adapter, and coupling. By controlling the air volume, the AVC ensures the right amount of air is present in the tank at the start of each cycle.

C2-Lite UT series tanks with AVC kit are typically used for degassing applications to improve water quality. In these applications sulfur rich gases are vented from the tank via the AVC top vent fitting. This helps to alleviate the unpleasant "rotten egg" smell caused by sulfur bacteria and hydrogen sulphide gas in the water. This process is accomplished by installing an air injector upstream of the tank which draws air into the system that then mixes with the water inside the tank. The AVC kit then controls the water volume and degasses the excess gas from the top vent.

In short, C2-Lite UT series tanks with Air Volume Control (AVC) kit are a great solution for reducing odor and improving overall water quality.