

# HYBRID BUFFER TANK

HEAT

COOL

## Closed Cell Insulation

41% less heat loss than comparable buffertanks

## Ultra Lightweight Construction

Lightest buffertank on market

## 5 Year Limited Warranty

Performance guaranteed

Threaded Stainless steel water connections

Strand fiberglass inner tank is strong, light, and won't rust out

Stainless steel reinforced thermal well port

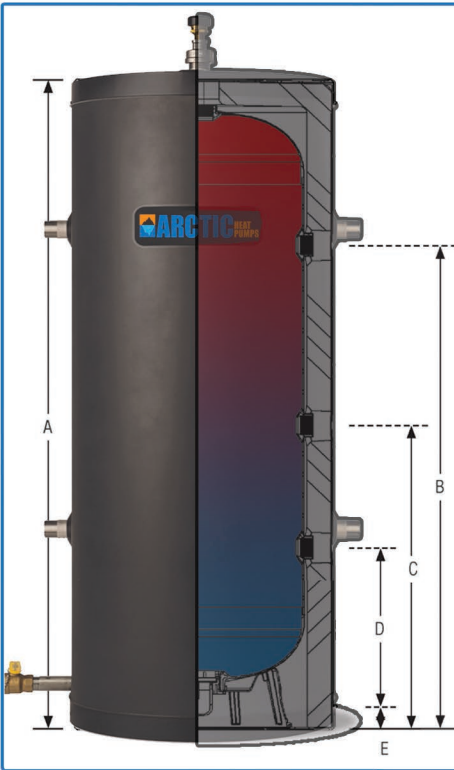
Injected closed cell foam minimizes temperature loss and maximizes efficiency

Durable matte black plastic outer jacket

The Arctic Hybrid Tank is the only pressurized composite buffer tank on the market! Lightweight, won't rust and works equally well for hot or chilled potable and non-potable water! It also greatly improves system efficiency by reducing heat pump short cycling during low load periods, making it extremely cost effective.

### MATERIALS

- **Outer shell:** Lightweight, high strength, non-corrosive plastic
- **Insulation:** Lightweight, injected, High-R closed cell foam. Temp loss < 1o per hour
- **inner shell:** High strength, fiberglass-wound, epoxy resin coated
- **Water chamber:** Copolymer polypropylene
- **Internal Base:** High strength injection molded plastic
- **Connections:** Stainless steel



### DIMENSIONS

Model	Volume Gallons	Diameter	Port Height					System Connections	Thermal Well	Weight
			A	B	C	D	E			
BUF22	22	21"	35"	23.7"	n/a	13.7"	1.9"	1 1/4"	NO	42
BUF40	40	21"	56"	41.6"	26.1"	15.6"	1.9"	1 1/4"	YES	50
BUF55	55	21"	73"	59.1"	33.2"	15.6"	1.9"	1 1/4"	YES	70
BUF80	80	29"	54"	38.1"	26.6"	17.1"	2.6"	2"	YES	120
BUF120	119	29"	74"	57.4"	33.9"	18.4"	2.6"	2"	YES	145

Max Temp 180°, Max Pressure 75 psi  
Max Temp 140°, Max Pressure 100 psi

**R-VALUE:** 43% higher than the next leading buffer tank of comparable volume\*

**HEAT LOSS:** 41% less per hour than the next leading buffer tank of comparable volume\*

\*All testing performed by an accredited, independent third party  
\*R-values calculated directly from heat loss & surface area

Lower drain

