

Technical Specification

CA5000 Water Tank

General

Diameter:	130" / 3,300mm
Shell height:	87" / 2,210mm
Overall height:	90" / 2,290mm
Nominal Volume:	5,000 US Gallons

Tank Structure

Tank Shell

Corrugated steel panels with G145 galvanized coating

Mechanically galvanized high tensile fasteners

Roof Structure

Welded square HSS support frame with hot dipped galvanized coating

Corrugated steel cover sheeting

Tank Liner

Liner Material

20mil polyethylene geomembrane

700% elongation at break ASTM D638

2,000min HPOIT ASTM D5885

Mechanically fastened at 80" centers

NSF 61 certified for potable water use

Cushion Layer

Needle free non-woven polyester geotextile underlay

Fittings

Inlet

16" roof inlet basket with UV guard.

Outlet

2" bulkhead with Ni coated ball valve.

Overflow

6" ASA overflow with internal vertical orifice and PVC overflow pipework to ground with flap valve and mosquito screening

Accessories

Access

20" lockable roof access hatch

Light duty removeable steel ladder

Roof Fascia

Decorative Steel Fascia

Miscellaneous

Roof seal for dust and vermin protection

Warranty

20 year "No Service Cost" pro rata warranty in accordance with standard terms and conditions