

# 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

#### Level Monitoring

Mechanical level indicator

#### Roof Fascia

Decorative Steel Fascia

#### Miscellaneous

Roof seal for dust and vermin protection

### Warranty

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