



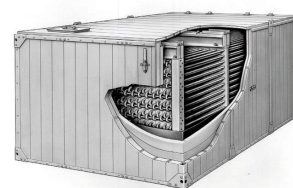
# Construction details

## Ice thermal storage

### Construction details

#### 1. Material options and construction

- **Tank** is constructed of heavy-gauge hot-dip **galvanized steel** for unit steel panels and structural elements, all with welded seams. Tank includes high quality **insulation** and **2 single piece low temperature liners**.
- **Insulated watertight tank covers** of heavy-gauge hot-dip galvanized steel.
- **External sight tube** for water level indication.



#### 2. Coil

- The coil is constructed of continuous length of **prime surface steel**, hot-dip galvanized after fabrication, encased in a **steel framework**. Designed for maximum 10 bar operating pressure according to PED.
- Coils are delivered with **BAC's Internal Coil Corrosion Protection**, to ensure an optimal internal corrosion protection and guaranteed quality.

**Like to know more about the TSU-M construction details?** Contact your [local BAC representative](#).