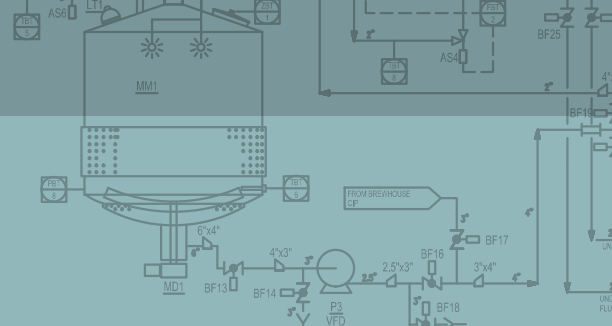


CELLAR TANKS

Maximize Your Brewhouse Capacity



Unitanks

The ICC NW Unitank (combined fermentation and conditioning tank) features a dished head and conical bottom as standard. The bottom cone (included angle) ranges from 60 to 90 degrees. The glycol cooling jackets on the side and cone are designed to satisfy fermentation and conditioning holds and crash cool duties, down to 32° F (0°c) assuming glycol temperature of 26° F (-3.3°c). Side entry, shadowless manways, or removable side-swivel bottom cone manways provide access to the tank for inspection. Tanks can be ASME code stamped as required by your brewing process or as required by local safety codes.

Standard Features

- 15 PSIG Pressure Rating
- 25% Freeboard Minimum
- Steep Bottom Cone 70° Included Angle
- Multi-zone RSW Dimple Jacket Eliminates Stratification
- Impingement Style CIP Device Removable with Tank Exterior Access
- Internal Welds Ground Smooth and Polished
- Stainless Steel Legs Designed to Appropriate Seismic Zone

- Shadowless Manway Flush Interior
- Rotating Racking Arm Variable Level Racking
- Rupture Disc Non-Mechanical Safety Device
- Temperature Well Gusseted
- Sample Port Sanitary
- Closed Cell Foam Insulation Water Resistant
- Welded Insulation Cladding 14 Gauge
- Vent Line with Bracketed Extension
- CIP Line with Bracketed Extension
- Drain Fitting

Optional Features

- Custom Dimensions for Building Restrictions
- DIN, I-Line, or Bevel Seat Connections
- Valves, Fittings, and Controls
- ASME Code Stamp
- Bottom Cone Manway
- Top Manway
- Adjustable Feet

REFRIGERATION

ICC has sophisticated software that will size refrigeration loads for current and future requirements. Included in our services are Process and Instrumentation Diagram (P&ID), line sizing, pressure drops, and flow rates.

Size in US BBLs	Outside Diameter	Shell Height	Overall Height
200	9' 10"	12'	23'
300	10' 7"	16'	27'
400	11' 1"	20'	32'
500	12' 1"	20'	33'
600	12' 4"	24'	36'
700	12' 4"	28'	40'
800	12' 10'	30'	43'



15 BBL Unitank with Shadowless Inswing / Outswing Manway



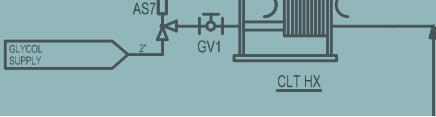
60 BBL Unitank with Shadowless Inswing / Outswing Manway



300 BBL Unitank with Bottom Cone Sideswing Manway



400 BBL Unitank with Shadowless Inswing / Outswing Manway



Bright Beer Tanks

ICC NW Bright Beer Tanks are designed to the highest standards for holding finished beer prior to packaging or serving. You can choose a single-wall style for refrigerated rooms, or an insulated double-wall style with cooling jackets designed and positioned to maintain proper temperatures for filtration and packaging. All ICC NW cellar tanks and jackets are pressure tested and come with fail-safe non-mechanical rupture discs. Structural supports are designed to IBC seismic conditions. Tanks can be ASME code stamped as required by your brewing process or as required by local safety codes.

Standard Features

- 15 PSIG *Pressure Rating*
- 10% *Freeboard Minimum*
- Multi-zone RSW Dimple Jacket *Eliminates Stratification*
- Impingement Style CIP Device *Removable with Tank Exterior Access*
- Internal Welds Ground Smooth and Polished
- Stainless Steel Legs *Designed to Appropriate Seismic Zone*
- Shadowless Manway *Flush Interior*

- Calibrated Sight Glass *CIP-able*
- Rupture Disc *Non-Mechanical Safety Device*
- Temperature Well *Gusseted*
- Carbonation Stone Port
- Closed Cell Foam Insulation *Water Resistant*
- Welded Insulation Cladding *14 Gauge*
- Vent Line *with Bracketed Extension*
- CIP Line *with Bracketed Extension*
- Drain Fitting *Extension to Tank Sidewall*
- Sample Port *Sanitary*

Size in US BBLs	Outside Diameter	Shell Height	Overall Height
200	9'10"	12'	18'
300	10'4"	16'	22'
400	10'7"	20'	26'
500	11'1"	24'	30'
600	11'10"	24'	30'
700	11'10"	28'	34'
800	12'1"	32'	38'

Optional Features

- Custom Dimensions for Building Restrictions
- DIN, I-Line, or Bevel Seat Connections
- Valves, Fittings, and Controls
- ASME Code Stamp
- Top Manway
- Adjustable Feet
- Level Transducer Fittings



15 BBL BBT with Shadowless Inswing / Outswing Manway



90 BBL BBT with Shadowless Inswing / Outswing Manway



200 BBL BBT with Shadowless Inswing / Outswing Manway



300 BBL BBT with Shadowless Inswing / Outswing Manway