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| **Typical Specification** |
| **CVU-SPEC-01** |



**Typical Specification for Lochinvar® Chilled Water Buffer Tank**

The **CHILLED WATER** **BUFFER** **TANK** shall be a Lochinvar Model, \_\_\_\_\_\_\_\_\_\_\_\_ with vertical construction having a capacity of \_\_\_\_\_gallons. The tank shall be constructed with a built in baffle to ensure adequate mixing of the fluid inside the tank.

The **CHILLED WATER** **BUFFER** **TANK** shall be constructed in accordance with ASME Boiler and Pressure Vessel Code Section VIII requirements and stamped and registered with the National Board of Boiler and Pressure Vessel Inspectors. The tank shall be furnished with two " flanged connections or two " NPT connections, one ¾" air vent taping, one 1" relief valve tapping; and one 1" drain pipe (special size connections may be specified).

The **CHILLED WATER** **BUFFER** **TANK** shall have a working pressure of 125 PSI and shall come equipped with a base ring for installing the buffer tank directly on a level surface. The **CHILLED WATER** **BUFFER TANK** shall carry a five year limited warranty against tank failure resulting from defects in materials or workmanship (see warranty for details).

The **CHILLED WATER** **BUFFER** **TANK** shall be primed and painted on external surfaces with a red oxide paint to resist external corrosion.

The overall tank dimensions shall be \_\_\_\_\_" diameter and \_\_\_\_" tall.

The **CHILLED WATER BUFFER TANK** shall require field installation of a high density insulation to meet the energy efficiency requirements of the latest edition of the ASHRAE 90.1 Standard.

**OPTIONAL: CHILLED WATER BUFFER TANKS** shall be factory equipped with a Spray Foam Insulation with UV Resistant Coating.