

### **Typical Specification for Lochinvar<sup>®</sup> Squire Buffer tank**

The **SQUIRE BUFFER TANK** shall be a Lochinvar Model \_\_\_\_\_ with vertical construction having a capacity of \_\_\_\_\_gallons.

The **SQUIRE BUFFER TANK** shall be constructed of 316L Stainless steel with a 14 gauge minimum shell thickness. The tank shall be furnished with four 1.5" NPT connections for system supply and return piping for 30 & 50 gallon models and 2" NPT connections for system supply and return piping for 80 & 119 gallon models

The **SQUIRE BUFFER TANK** shall have a working pressure of 150PSI and shall be equipped with a tapping in the top of the tank for air removal and a bulbwell in the side of the tank for utilizing a controlling sensor or aqua-stat. The **SQUIRE BUFFER TANK** shall carry a five year limited warranty against tank failure resulting from defects in materials or workmanship (see warranty for details).

The **SQUIRE BUFFER TANK** shall be constructed with a dent resistant poly-propylene jacket assembly, with a thickness of .055". The tank assembly shall be completely encased in a minimum of 2" thick, high density, CFC/HCFC free polyurethane foam insulation to exceed the energy efficiency requirements of the latest edition of the ASHRAE 90.1 Standard