

$$\text{Equation 4.2.1-2} \quad \frac{RH(T_j)}{N} = \frac{BL(T_j) - [X(T_j) * \dot{Q}_h(T_j) * \delta(T_j)]}{3.413 \frac{Btu/h}{W}} * \frac{n_j}{N}$$

where:

$$X(T_j) = \left\{ \begin{array}{c} BL(T_j) / \dot{Q}_h(T_j) \\ or \\ 1 \end{array} \right\}$$

whichever is less; the heating mode load factor for temperature bin j, dimensionless.