

$$\dot{E}_c^{k=2}(T_j) = \dot{E}_c^{k=2}(82) + \frac{\dot{E}_c^{k=2}(95) - \dot{E}_c^{k=2}(82)}{95 - 82} * (T_j - 82) \quad \text{the electrical power consumption}$$

of the test unit at outdoor temperature T_j if operated at the cooling full-load air volume

rate, W.