

Warehouse Cooling Load Calculation Form

Warehouse Details

Warehouse Name

Location

Dimensions (L × W × H in meters)

Total Volume (m³)

Environmental Conditions

Outside Temperature (°C)

Inside Target Temperature (°C)

Relative Humidity (%)

Heat Gain Sources

Product Load (kW)

Lighting Load (kW)

Equipment Load (kW)

Infiltration/ Ventilation Load (kW)

People Load (No. of People & kW)

Building Envelope Load (Walls/Roof/Floor) (kW)

Other Heat Gains (kW)

Calculation & Notes

Total Estimated Cooling Load (kW)

Notes