KEYWARM®
We Ignite Success

Industrial Radiant Heating Selection Guide

Low-Intensity Tube Radiant Heating • Radiant Strip Heating • High-Intensity Radiant Heating

Key Question:

The key to industrial radiant heating is not simply choosing the highest temperature.

- What are you heating — people or air?
- What is the building height?
- How is the space used?

Only after these questions are clearly defined can the most suitable radiant heating solution be selected.

Radiant Heating Types and Typical Applications:

Radiant Heating Type	Best Suited Applications	Key Advantages	Common Misuse
Low-Intensity Tube Radiant Heating	Factories, warehouses, workshops *(6–10 m)*	Comfortable and even heat distribution; ideal for long operating hours; better energy efficiency	Often incorrectly used in ultra-high buildings
Radiant Strip Heating	Heavy industrial buildings, aircraft hangars, ultra-high buildings *(>12–15 m)*	Continuous radiant surface with reduced temperature stratification	Often incorrectly used in low-height buildings
High-Intensity Radiant Heating	Localized heating, loading docks, intermittent work zones	Fast response and strong directional heating capability	Often incorrectly used for whole-building heating

Quick Selection Guidelines:

- Building height ≤ 10 m + long operating hours
  → Choose Low-Intensity Tube Radiant Heating
- Building height ≥ 12–15 m + very large space
  → Choose Radiant Strip Heating
- Localized heating / loading dock areas / intermittent-use spaces
  → Choose High-Intensity Radiant Heating

Keywarm Engineering Commitment:

We do not recommend one single radiant heating product for every project.

Keywarm selects the most suitable solution between:

- Low-Intensity Tube Radiant Heating
- Radiant Strip Heating
- High-Intensity Radiant Heating

based on:

- Building height
- Usage patterns
- Thermal comfort objectives

When required, radiant heating systems can also be combined with warm air heating systems to create a more complete heating solution.