



Smart Heating Solutions

How To Keep The Heat Inside Your Warehouse & Save Money.

Improving Warehouse Temperature Control During Winter



For warehouses and distribution centers, the winter months can present an array of challenges. To save money and prevent wasted energy, warehouses must utilize their heating sources more efficiently.

Below are tips for enhancing warehouse temperature control in order to provide consistent warehouse temperature comfort and maximizing the dollars spent on energy.

1. Check For Leaks

Let's start with one of the cheapest and easiest improvements to implement. We all know what cold, drafty winter air feels like if the weather stripping is missing from windows and doors in your home. Now, just imagine the impact unsealed windows and large loading bay doors have on warehouse temperature control.

One of the top sources for energy loss in heated or refrigerated warehouses is air infiltration through gaps. One of the usual culprits for infiltration is loading dock doors. To save energy immediately, seal all air leaks and repair damaged insulation. Vinyl strip curtains should be installed at loading dock doors to help reduce the escape of cooled air when a loading/unloading operation is underway. Taking it a step further, you can install well-insulated cold-storage doors that open and close quickly to reduce infiltration.

2. Setup Heating Zones With Electric Heat

Warehouses should be sectioned off into different heating zones based on temperature needs, including office space. Likely not all areas of your building require heaters running non-stop or running at full blast at all times. If the warehouse is automated or unoccupied for periods of time, evaluate the level of heating required to make the environment safe for product storage and for equipment operation.

By installing [King Electric Warehouse Heaters](#) in each zone, you can easily heat only the areas in use and conserve energy.



3. Take Better Control With Programmable Thermostats

It is advisable to regulate warehouse temperature based on occupancy, building utilization and product needs. To improve efficiency, install electronic programmable thermostats and program a heating schedule for each zone. These thermostats are easily set to control your various heating needs.

By installing [King Programmable Thermostats](#) in every zone, you can easily program a custom heating schedule to heat only the areas when they are in use and conserve energy.



4. Circulate The Heated Air

As we all learned in elementary school, hot air rises. This is particularly relevant when it comes to warehouse temperature control because the air at the high ceiling level in warehouses can become disproportionately hot. Ceiling fans can help save energy by reducing air stratification and recirculating the air.

5. Exhaust Fans Will Exhaust Your Heat

Don't forget to shut off exhaust fans when warehouse spaces are unoccupied for significant periods of time. Don't overlook the fact that it is cheaper to retemper indoor air than to bring cold outside air up to a comfortable temperature. So, it is recommended that exhaust heat is captured from mechanical equipment to boost space heating. If your application requires fresh air, a Makeup Air Handler can be used to temper incoming cold air to maintain a comfortable space.

Installing a [King Makeup Air Handler](#), complements your heating system by preheating incoming fresh air at the lowest cost, thus continuously proving comfortable ventilation throughout the building.



MODEL MUAH



MODEL MUAH ENDURA PRO

6. Add Spot Heating For Employees

Sometimes, it is not economically feasible or practical to keep your entire warehouse at temperatures above the 60-degree mark that would be a comfortable climate for employees. This is especially the case inside loading dock areas in the winter months. To maintain warehouse temperature control, you may want to consider supplemental radiant heaters, which can be targeted to heat your building's employees at specific locations. Radiant heaters can help maintain temperatures even when air temperatures drop because a loading dock operation is taking place.

By installing [King Radiant Heaters](#) in areas workers stand for long periods of time you can reduce overall heating requirements and conserve energy.



MODEL RH



MODEL OKB



MODEL OKH

Popular Solutions For Warehouse Heating



KB Platinum Unit Heater

The most full-featured unit heaters on the market, with in-built electronic thermostat for accuracy and remote control for simple operation. With integrated summer fan only and thermostat timer mode, the KB Platinum has you covered. Designed for use as primary or supplemental heat

UNIT HEATERS

sources in large or exposed areas to prevent freezing.



THERMOSTATS

ClearTouch Programmable

King's ClearTouch K302PE combines user-friendly touch sensitive buttons with a sleek modern design, offering unparalleled user comfort control. ClearTouch is an energy-saving 7-day fully programmable solution for providing highly accurate temperature control for line voltage electric heaters.



MAKE UP AIR HANDLER

MUAH Makeup Air

Designed to complement heating system by preheating fresh air at the lowest cost, continuously providing comfortable ventilation throughout the building. Combines a fan driven fully modulating electric heating unit with fresh air ventilation logic controller providing a extremely versatile all-in-one packaged unit.



RADIANT HEATERS

RH Series Radiant

RH Series radiant heaters have the ability to transfer heat to a person or object without heating the surrounding air. Commonly used for indoor and outdoor application such as restaurant patios, parking garages, work stations, valet waiting areas, vestibules and airport/hospital entrances.



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