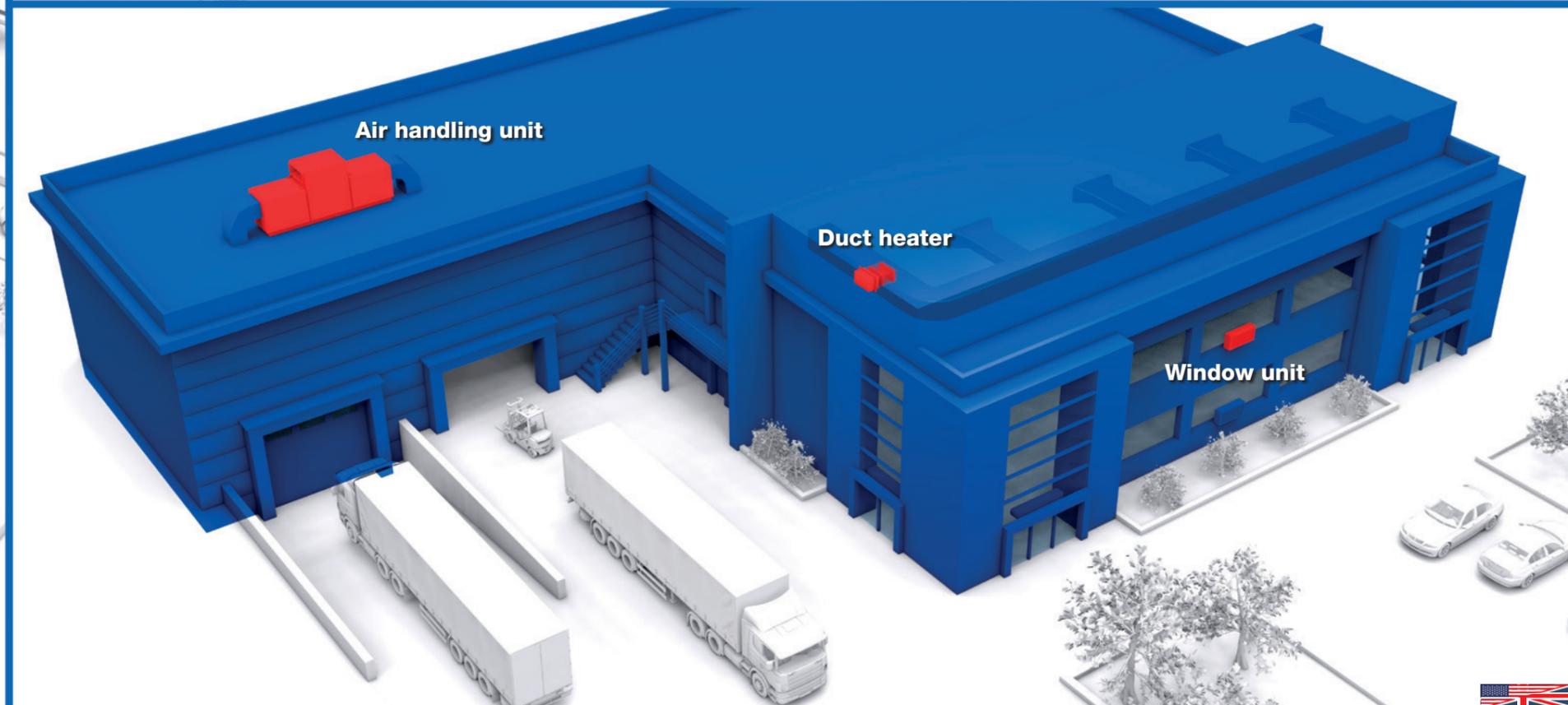
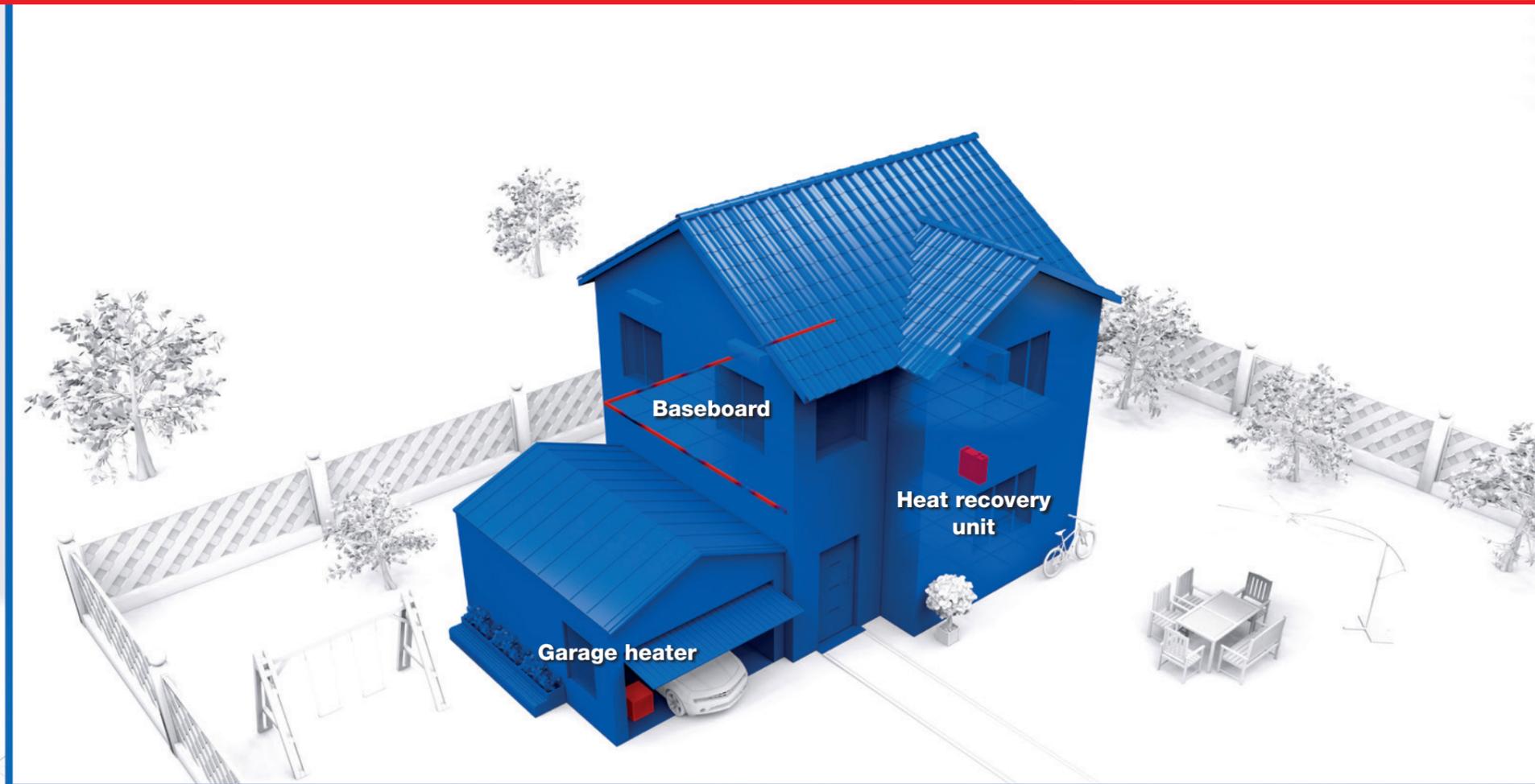
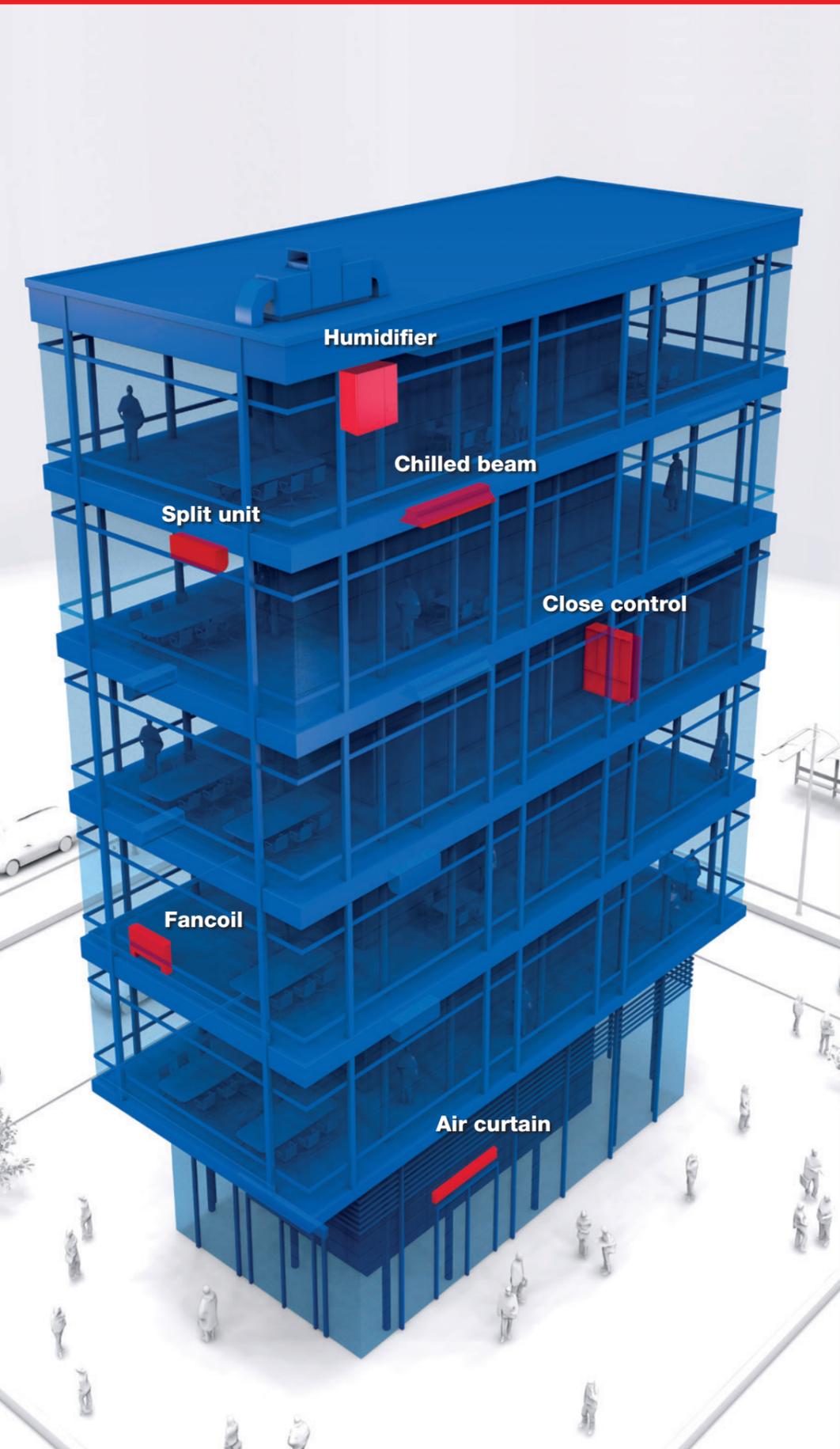


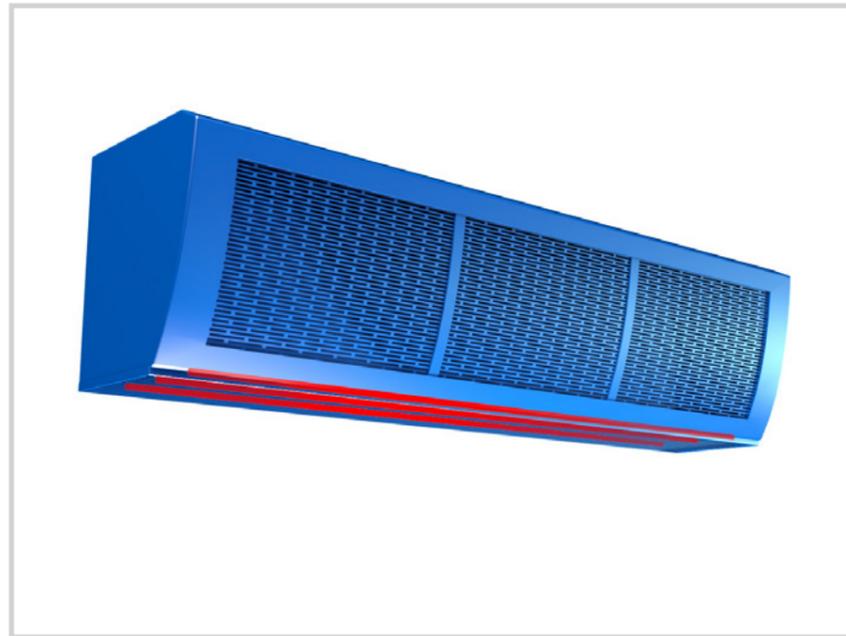


AIR CONDITIONING





AIR CURTAIN

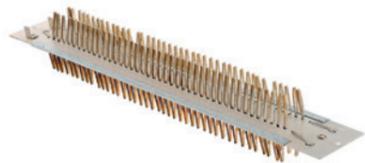


Air curtains create an invisible door separating a conditioned room from the outside. This by means of air flow which is precisely adjusted in term of temperature and speed. This is the most efficient separation with the lowest possible energy consumption, regardless of whether it is the heat or the cold that you want to keep inside.

Air curtains are installed in commercial and industrial buildings mainly at the entrance for people or at goods inward doors. *Tubular finned elements* are the most popular but for quick response *stitched wire*, *open coil* or *mica heaters* can offer a better solution (low thermal inertia).



Tubular finned heater



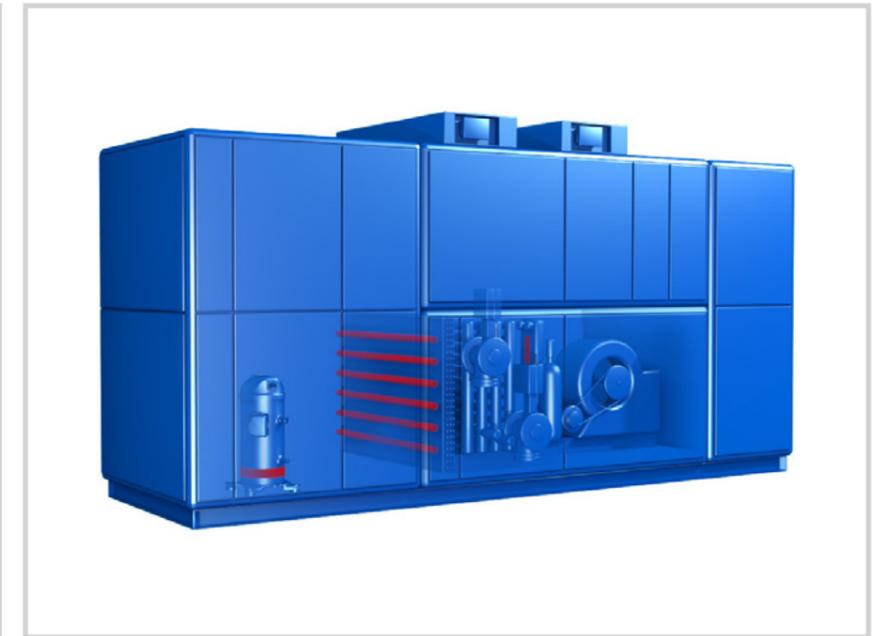
Stitched wire heater



Open Coil Mica Heater

AIR HANDLING UNIT (AHU)

An air handling unit is a device used to condition and circulate air as part of a heating, ventilating, and air-conditioning (HVAC) system which distributes the conditioned air through the building and returns it to the AHU.



Air Handling Units are installed in commercial and industrial buildings mainly on the building roof. Our proposal for this application is significantly wide and include *duct heaters* and *immersion heater* for heat pumps, *tubular heater* range supplied *with or without fins* and with optional *vulcanized ends* specially designed for wet or very high humidity areas, *aluminum heaters* and *open coil heaters* (for a fast heat transfer), *etched foils* and *heating cables* (mainly for antifreeze function) and *belly band heaters* (to be installed in the scroll compressors).



Heating cable



Aluminium heater



Tubular heater (with or without fins)



Vulcanized tubular heater



Etched foil



Belly band heater



Open coil



Duct heater



Immersion Heaters



BASEBOARD UNIT



A baseboard unit is a compact radiator placed at floor level. It is a domestic appliance mainly used in the North America market.

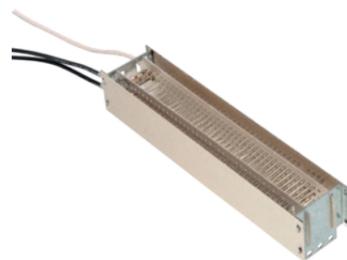
Base board unit are installed mainly in the domestic building but they can also be used commercial and industrial to provide gentle and steady warmth that fills your room. For this application we would recommend *aluminum, stitched wire or tubular elements with or without fins*.



Tubular heater (with or without fins)

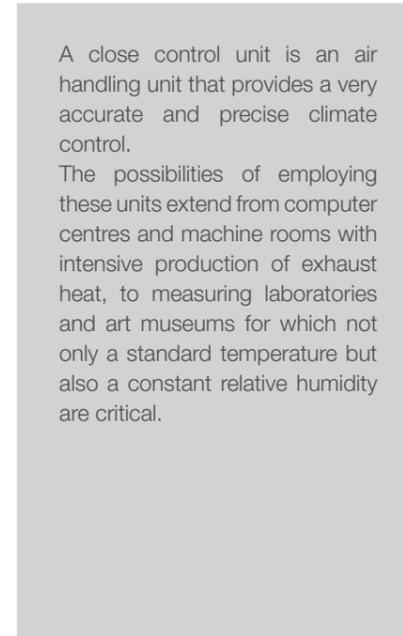


Aluminium heater



Stitched wire

CLOSE CONTROL Precision Air Conditioning



A close control unit is an air handling unit that provides a very accurate and precise climate control. The possibilities of employing these units extend from computer centres and machine rooms with intensive production of exhaust heat, to measuring laboratories and art museums for which not only a standard temperature but also a constant relative humidity are critical.



Close controls are very compact air handling unit installed in the server rooms in the commercial and industrial buildings in order to maintain very accurate air specifications. As in the air handling unit our heaters proposal includes *tubular heaters supplied with or without vulcanized ends for wet or high humidity areas, aluminum heaters and stitched wire heaters offer a fast heat transfer and belly band heaters to be installed on the scroll compressors*.



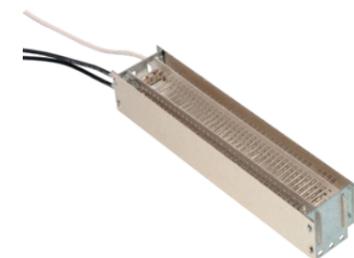
Tubular heater (with or without fins)



Vulcanized tubular heater



Belly band heater



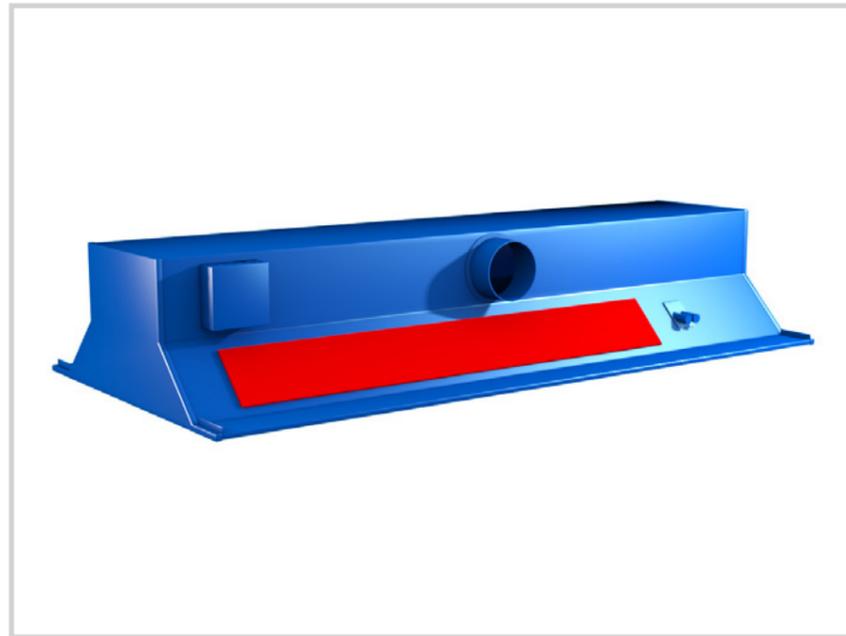
Stitched wire



Aluminium heater

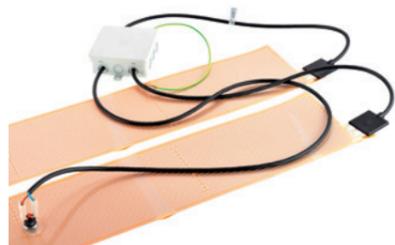


CHILLED BEAM



A chilled beam is a type of convection HVAC system designed to heat or cool large buildings. As the beam chills the air around it, the air becomes denser and falls to the floor. It is replaced by warmer air moving up from below, causing a constant flow of convection and cooling the room.

Chilled beams are local heat distributors installed in the ceiling of the commercial building such as hotel, supermarkets, and malls. The most typical heater choice is an *etched foil*.



Etched foil

DUCT HEATER

A duct heater unit is a ready-to-use kit composed by electrical heaters wrapped into a metal frame. These units are installed inside the AHU as part of ductwork. In addition to the heater we can incorporate controls such as high limit sensors or integrated panels supplied lose or as part of the heater assembly.



Duct heater are self standing systems that are installed into the air handling units or into the ductwork to provide supplemental heating. They are used in the industrial and commercial buildings. We can both design the whole duct unit or just simply assist you to select the best heater characteristics between our *tubular heaters, open coils or aluminum heaters*.



Tubular heater (with or without fins)



Open coil



Aluminium heater



FAN COIL



A fan coil unit is a device consisting of a heating or cooling unit and a fan. It is part of an HVAC system which can be found in residential, commercial and industrial buildings. Typically, it is not connected to ductwork and is used to control the temperature in the space where it is installed, or serves multiple spaces. It is controlled either by a manual on/off switch or by a thermostat.

Fan coils are very common devices used to warm rooms for domestic, commercial and also industrial buildings. Depending on the performances you would achieve we offer our *tubular heaters*, *open coils* and *stitched wire heaters* or *aluminum heaters*.



Tubular heater (with or without fins)



Open coil



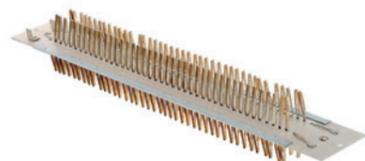
Aluminium heater



Tubular heater (with or without fins)



Open coil



Stitched wire heater

GARAGE HEATER
Portable heater

A garage heater unit is a device used to heat an enclosed area, generally employed to warm a small or medium space. It is usually held in contrast with central heating, which warms many connected spaces at once. Space heaters are usually portable or wall-mounted.

Garage heater are portable heat generators developed to satisfy your request of flexibility. Our heaters are manufactured to fulfill the need of fast heat transfer and reliability. We typically offer *open coil* and *tubular heaters*.

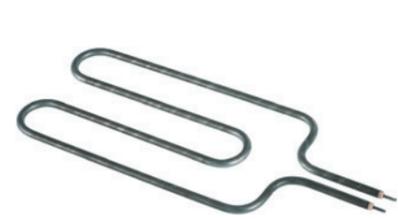


HEAT RECOVERY UNIT (HRU)



An heat recovery unit is a domestic appliance mainly used in North Europe. This is a very effective and green way to recover heat from an hot waste air flow with high potential energy content.

Heat recovery unit are the most modern way to reduce the overall heat losses from domestic buildings. Heating systems incorporating *tubular elements* are often added to boost the building temperature in periods of extreme cold conditions.



Tubular heater



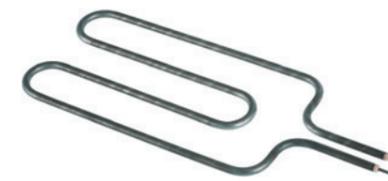
Vulcanized tubular heater

HUMIDIFIER

Resistive steam humidifier is found in air handling units and allows to control the relative humidity of the air flow introduced towards the user. Steam generation is extremely precise and allows to operate with all types of water even with a non-constant flow over time.



Resistive steam humidifiers are installed in industrial and commercial buildings. Tubular heating elements, made with super alloys (Incoloy and titanium), are used to give durability in corrosive operating environments, such as demineralised/ deionised water and softened water.



Tubular heater



Vulcanized tubular heater



WINDOW UNIT - SPLIT UNIT



A split-window unit is both a domestic and commercial appliance that controls room temperature primarily as a cooling device, however heating elements can be installed to provide a warming function in cold conditions. If the compressor unit is installed in a separate box, the unit is called split, otherwise it is called window unit.

Window and split unit are devices used to manage air temperature in the small and medium size rooms. We offer our tubular heaters as well as naked wire heater range available as open coil and window heaters. For scroll compressor we offer a standard range of belly band heaters.



Tubular heater (with or without fins)



Open coil



Belly band heater



Window heater

60 Years of experience in design and production of heating elements and systems

15 The countries where you can find us



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PRODUCT TRADEMARKS



Compliance with the mark of each specific product must be properly reviewed with our Sales Department.

COMPANY CERTIFICATIONS





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