



WHY CHOOSING FRACCARO RADIATION HEATING...



ENERGY CONSERVATION

FRACCARO radiant-heating appliances allow up to 60% fuel saving.



SPOT HEATING

FRACCARO radiant-heating appliances allow the heating of both factory macro-environments and of single work-stations, while leaving the other parts of the factory cold



EXCELLENT HEATING COMFORT

FRACCARO radiation heating ensures an outstanding thermal comfort inside the premises.



NO AIR STRATIFICATION

FRACCARO radiation heating does not generate any air stratification. FRACCARO appliances directly heat persons and things, while the air is heated only indirectly. Technical studies have proved that traditional heating systems create a stratification thermal gradient equal to 1÷2°C per meter.



LOWER THERMAL DISPERSION

As there is no air stratification, no air masses build up in the factory upper zones, where the thermal dispersion with the outside increases.



NO CONVECTIVE MOTION

Differently from traditional and floor heating systems, radiation from top side does not generate any convective motion, as the heat transmission does not need any heat-carrying fluid, but happens directly by infrared thermal rays.



HEALTHIER AND CLEANER AIR

FRACCARO heating systems do not generate air convective motions, therefore they do not raise any dust, keeping air healthier and cleaner.



FRESHER AIR AND ENERGY SAVING

FRACCARO radiant-heating systems provide the thermal comfort condition, with an air temperature lower than in traditional systems. The air remains fresher and less dry, thus reducing management costs. Studies on sample industrial buildings have proved that whenever the air temperature decreases by one degree, a 6÷7% of fuel is saved. 5 degrees less account for a 30÷35% saving.



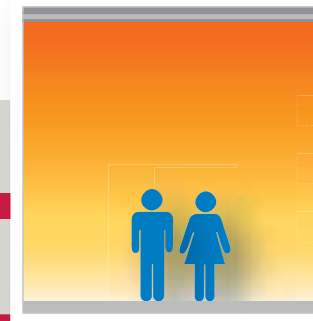
HEAT AT MAN-HEIGHT

FRACCARO heating systems generate the ideal thermal condition only at man-height

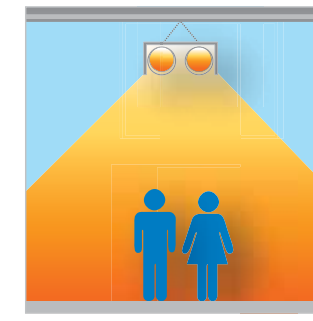


ABSOLUTE SILENCE

FRACCARO radiant-heating systems do not make any noise, to the advantage of the general environmental wellbeing.



Floor and hot-air heating.
 40
 30
 20
 10
 5
 Upward stratification of the heat, low efficiency of the system and high operating costs.
 Continuous air movements, causing dust suspension and air unhealthiness.



Fraccaro radiation heating.
 10
 15
 18
 No convective motion.
 No upward stratification.
 Guaranteed energy-saving.
 Ideal environmental comfort, only where necessary.



SUN-LIKE HEATING

The heating technology we use is the most natural one: exactly like the sun.



ENVIRONMENTALLY COMPATIBLE

Applying FRACCARO radiation technology means protecting the environment. FRACCARO appliances allow for fuel saving, with great combustion performance and very low emissions of CO, NOx and other pollutants.



REMOTE-CONTROL AND DIGITAL CONTROL

FRACCARO appliances are remotely controlled by a centralised computerised technology.



IMMEDIATE HEAT

Our appliances heat directly the people inside the factory, without using the air like a heating fluid. This ensures that the system starts working at full capacity in a short period of time.



QUICK AND EASY INSTALLATION

Our products can be installed very easily.



EASY MAINTENANCE

Maintenance operations on FRACCARO appliances are very easy, thanks to great precision during their design phase.



NO FREEZING DANGER

FRACCARO direct-exchange heating appliances are not affected by freezing.

