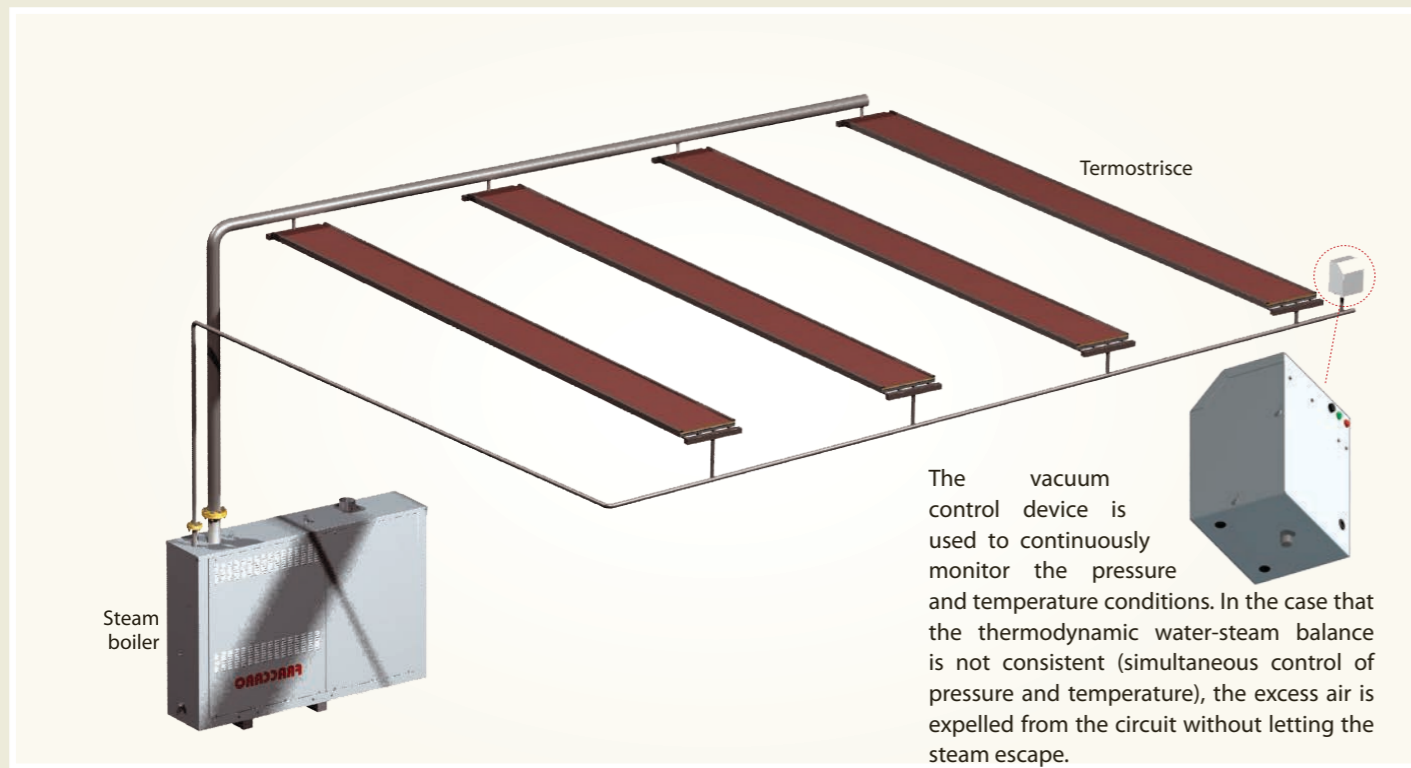




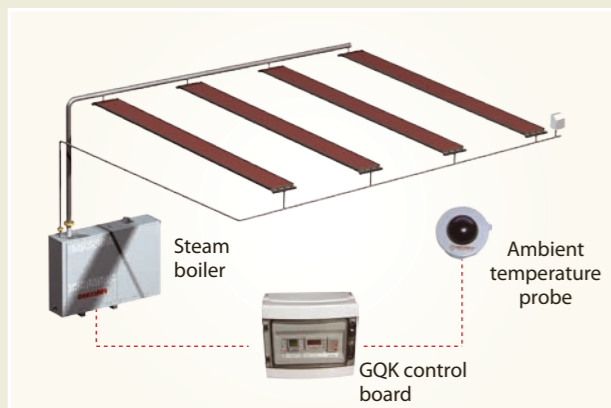
VAPORAD

RADIANT PANELS WITH STEAM BOILER

INSTALLATION OUTLINE



STANDARD THERMOREGULATION



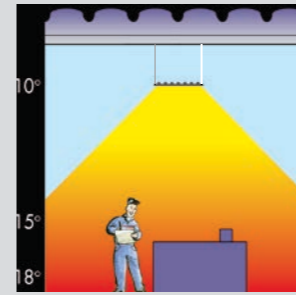
DIGITAL THERMOREGULATION



VAPORAD

Radiant panels with steam boiler

FRACCARO



NO WASTE ENERGY
heat only
where necessary

TECHNICAL FEATURES OF VAPORAD BOILERS

MODEL	N. OF TUBES	DIAMETER TUBES (mm)	PITCH (mm)	WEIGHT without WATER (Kg/m)	CAPACITY (l/m)	WIDTH (mm)	WEIGHT with WATER (Kg/m)
WP2-060	4	22	150	7,78	1,13	550	8,91
WP2-090	6	22	150	11,36	1,70	850	13,06
WP2-120	8	22	150	14,94	2,27	1150	17,21



VAPORAD, QUALITY AND SAFETY

Vaporad is the ideal solution to provide high radiant efficiency for environments at fire risk..

The Vaporad system is composed of a steam boiler, steam delivery tubes and return tubes for condensed steam. The whole circuit is closed and in vacuum condition. This system uses the natural circulation of the steam and does not require pumps, which are necessary for water-based systems. The entire process is carried out with a constant temperature along the panels using the latent heat from the steam condensation. The average superficial temperature of the panels is 105°C.

APPLICATIONS

The have been successfully installed in many industrial environments such as:

JOINERIES, FURNITURE FACTORIES, SHOWROOM, COACHWORKS, INDUSTRIAL PAINTINGS, PRODUCERS OF CARTOON PACKAGES, PRODUCERS OF PLASTIC ITEMS CHEMICAL INDUSTRIES, CAR REPAIR SHOPS

WINNING POINTS

High Energy Saving
-40% compared to installations with hot air
-95% electrical consumption
No air movement (-100%)
No noise (-100%)
The best solution for environments at high fire-risk, where a high radiant efficiency is required

USING VAPORAD

- There is no need of steam heating plants.
- The boiler has been specifically designed for **outdoor installation with no risk of icing.**
- The heating process is carried out using the latent heat of the steam condensation.
- Constant temperature along the panels.
- The boiler can be remote-controlled through a centralized software.
- Fast heating.
- Very low electrical consumption and low emissions in the atmosphere.
- The relative working pressure is below 0,5 bar



VACUUM device



TECHNICAL FEATURES OF THE VAPORAD BOILERS

MODEL	Nominal thermal power min/max (KW)	Nominal power min/max (KW)	Weight without water (Kg)	Water capacity (lt)	Volume (mm) w l h
VPR 200	150/200	139,5/186	575	190	525 2410 1660
VPR 150	100/150	93/139,5	400	120	391 2410 1660
VPR 100	70/100	65,1/93	400	120	391 2410 1660
VPR 070	50/70	46,5/65,1	400	120	391 2410 1660

