The Organisation
The Gas Fired Products Group of Companies manufacture space and process heating systems in both the UK and North America. Space-Ray is a division of the Gas Fired Products Group.

Our Experience
Founded in the 1950s, at Space-Ray we have more than 40 years experience in the design, manufacture and application of radiant heating systems. Space-Ray radiant systems are today heating many 1000’s of varied buildings from Alaska to Australia.

Our Innovation
In 1968 Space-Ray invented and developed the unitised low intensity radiant tube heater, better known now as the “U” tube. As part of our target to maximise radiant output, we combined carbonised aluminium reflectors with highly efficient aluminium reflectors and began a revolution in the space heating industry.

Our Method
The best inventions develop from simple ideas, so we based our idea on the most reliable heater known - the Sun. The Sun’s heat energy radiates through space and our atmosphere, striking the Earths surface and warming it. It is this warmed surface that then heats and raises the air temperature. We have all seen a heat haze rising from the ground on a summers day. An easy way to experience that the Sun heats you first before the air is to move from the shade into the sunshine on a cold winters day. You immediately feel several degrees warmer, though the air temperature is still very low.

Equally in the summer, if you want to cool down, sit in the shade.

Compare Our Method
Take the two most convenient ways of heating any non domestic building - radiant and blown hot air. With a blown hot air system you must constantly spend money heating, circulating and re-heating the cold air. The warmed air rises so the blown air system heats the building from the top down, making the occupied floor area the last and most difficult place to keep warm.

The Radiant system however, doesn’t have to heat the air. The radiant energy first heats the people and all the objects around the people including the floor. This effectively surrounds the occupants in a warm blanket of heat. The warmed floor and objects then act as secondary heaters raising the air temperature, just like the summer heat haze.

Better still, when the doors have been opened and the warm air list, radiant heating wins again. The blown air heaters must start from the beginning to heat the cold air and the building from the top down, which can take a long time. With a radiant system however, the floor and objects around you maintain their blanket of warmth and the building quickly returns to operating temperature. Even while the doors are open you will feel the benefit of radiant heating, again like the sun on a cold winters day.

The Savings
Probably more satisfying than the superior comfort conditions you will experience with a Space-Ray radiant heating system is the knowledge that you are saving energy and money throughout the heating season. Compared with a blown hot air system you can expect to save 30% to 50% in annual fuel costs. Some Space-Ray customers have experienced a payback of their capital investment after only one year.

The ‘U’ tube or ‘Linear’ tube for application

Radiant Heating

● Invented by Space-Ray

● Made in the UK under our ISO 9002 quality assured system - all units test fired before despatch

● Heat treated Aluminised Carbonised emitter tubes - highly radiant absorptive internally - highly radiant emissive externally for maximum radiant efficiency

● Flake free emitter tube surface - for safer and cleaner working environment

● 5 year emitter tube guarantee

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**SPACE-RAY Radiant Systems - Extended Range**

**SRDL ‘Double Linear’**

- 2 linear models
- 1 central flue

Reduces outlets by 50% for fully flued systems
8 models from 18kW to 94kW (Range brochure and data sheet available)

**HB ‘Herringbone’ System**

- Purpose designed fully vented system
- Multiple heaters connected and flued via a single exhaust fan
- Roof or side wall venting
- All ‘U’ and ‘Linear’ models can be ‘Herringbone’ flued
  (Range brochure and data sheet available)

**SPACE-RAY Radiant Plaque Heating**

**SRP Range**

- High efficiency
- Powerful ‘ceramic’ heat emitter
- 4 models from 7kW to 30kW

**ULTRA Range**

- ‘Ultra’ high efficiency
- 5 models from 7kW to 40kW
- Hi/Lo control throughout the range

For more information contact:
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