

Installations: National DIY Store Chain

From RVR

This DIY Superstore chain has stores throughout Ireland and offers a wide range of products for DIY, decorating, building, and plumbing. Products sold include wallpaper, paints, power tools, bathrooms, housewares, and lots more.

A Re-Verber-Ray gas fired radiant tube heating system has been adopted as the solution to space heating needs. A typical heating system design for a store involves using a number of low intensity radiant tube heaters. These are typically mounted at 5-6m over floor level and bathe the area below with a gentle infra-red heat.



DIY stores nationwide

The system at this store consists of 24 radiant tube burners each rated at 22 kW providing a total capacity of 528 kW. These appliances are mounted at 5.5m above floor level. The system was commissioned in November 1995.

Gas fired radiant heaters offer many advantages for store heating:

- Highly efficient heating system. Far lower running costs than warm air systems in most applications.
- Highly controllable - heaters are easily controlled in individual control groups.
- Occupy no valuable floor space.
- Radiant tube heaters do not create air movement eliminating the nuisance of dust and dirt being blown around the building thus reducing routine cleaning of signage, shelves stock etc.
- Quiet in operation. Almost no noise is emitted by the heaters.

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