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Press release

## Small scale electric central heating

### The solution for special cases – Laing’s new wall mounted unit, the EHR mini.

The new wall mounted unit, the EHR mini was expressly designed by Laing for special applications, where, for example, rooms are intermittently heated, or for rooms where under-floor heating or radiators are to be retro-fitted and not connected to the existing heating system.

The EHR mini produces a heat output of 3 kW. It is delivered completely pre-assembled in a two part casing, painted white and ready for wall mounting: it is fitted with integrated circulation pump, expansion vessel (2 l), fixed set-point control (20-80 degrees) as well as filler tap and safety fittings. As all materials, which come into contact with the heating fluid are completely corrosion resistant, the EHR mini can be used for under-floor heating without the use of a diffusion barrier. It is regulated electronically by means of a microprocessor. An adjustable time delay for the pump ensures that heat is safely conducted away from the heating elements. Thanks to the circulation pump, which remains noiseless throughout its life span, and to the silent switching by means of solid state relays, the EHR mini can be installed directly into habitable rooms.

The EHR mini is thus recommended for loft conversions, conservatories, holiday homes and extensions. It requires no separate boiler room, no chimney and no chimney sweep, and thanks to its compact size (H 513 x W 403 x D 163 mm) it will fit into almost any room. Thus a retrofit under-floor heating system, powered by an EHR mini, offers more comfort and a distinct increase in value.

If the EHR mini is used to power an under-floor or radiator based heating system in holiday homes or conservatories, then the system can additionally be equipped with frost protection. This ensures that no frost damage occurs during long periods of absence. Laing also offer a comprehensive additional regulation system, which can go as far as to include the outside temperature in determining the settings. For larger areas, Laing recommend the EPR range with output levels ranging from 6 to 15kW. The new EHR mini will be obtainable through wholesale suppliers from April.

Laing have been working since the beginning of the 50s in research and development concerned with products in the fields of pump and heating technology. The original Swabian research and development institute has grown today into an international concern with factories and production plants in the USA, Japan, Germany and Hungary and employs almost 500 people world wide. At the same time, Laing are successfully

involved outside the sanitation, heating and air-conditioning sector: they were recently awarded the Prize for Innovation from the German Federal State of Baden-Württemberg for a new circulation pump which forms the heart of a water cooling system for computers.

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