

March 14, 2005

Press release

Laing's new BM mini control unit allows the connection of up to 40 square metres of underfloor heating.

Localised underfloor heating circuits can easily be connected – even as a retrofit - to the existing heating system by means of the new, extremely compact supplementary mixing module, the BM mini (W 240 x H 195 x D 95mm) from Laing. It consists basically of a small circulation pump and an adjustable thermostat with remote room temperature sensor (4.8m). A silent spherical motor pump from Laing, with a power requirement of 25W and integrated protection against dry running, is used as the circulation pump. Spherical motor pumps have no shaft. Instead they have a hemispherical rotor/impeller unit which turns without bearing-races on an ultra hard, wear-resistant ceramic sphere. Laing guarantees, therefore, long and, above all, silent use without any increase in noise level. The circulation pump ensures an even and optimum distribution of heat over the whole room. The constant flow volume gives that desired feeling of extra comfort and sense of well being which is generally associated with the notion of under-floor heating. The integrated room temperature control allows individual choice of the desired room temperature and brings with it the pleasant atmosphere that we want. Because of the remote room temperature sensor, the supplementary mixing module can be installed separately, i.e. not directly in the room with the under-floor heating. With the new compact BM mini supplementary mixing module you can easily connect up smaller under-floor heating systems with a total surface area of up to 40 sq m - in, for example, extensions, converted loft spaces, conservatories, bathrooms or separate toilets. And for renovations, a relatively effortless retrofit is also an eminent possibility. The BM mini supplementary mixing module is supplied as standard with a eurocone connection for connecting it to the radiator circuit and a eurocone connection for the under-floor circuit (maximum length 80m with 16x2 pipe). A duplex manifold is available as an option so that two under-floor circuits can be connected each with a maximum length of 80m. Accessories include a flush mounting steel cabinet finished in white undercoat, in which the BM mini

supplementary mixing module can easily be installed on site. The regulator valve, which can be pre-set, ensures optimum balance of water pressure. Integrated maximum temperature limitation, set at 55°C, gives additional protection against overheating. The BM mini control unit can be obtained from 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. Laing are exhibiting at ISH in Frankfurt, Hall 6.1, Stand C41 and Hall 9.1 Stand C90.

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Company profile

Foundation	Family enterprise since 1950
Management board	Oliver Laing, Karsten Laing, Birger Laing
Group of companies	<p>Laing Holding GmbH located in Remseck, Germany www.laing.eu</p> <p>Laing GmbH Systeme für Wärmetechnik located in Remseck, Germany www.laing.de</p> <p>Laing Thermotech, Inc. located in San Diego, U.S.A. www.lainginc.com</p> <p>Laing Szivattyú Kft. located in Cegléd, Hungary www.laing.hu</p> <p>Laing Pump K.K. located in Osaka, Japan www.laingpump.co.jp</p>
Employees	Worldwide approx. 500 employees
Product range	<ul style="list-style-type: none">· Pumps· Mixing modules and heat exchangers for underfloor heating· Electrical heaters· Control units· Special products and OEM versions

About us

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. Today, the product range consists of shaftless spherical motor pumps invented by Laing, mixing modules and heat exchangers for underfloor heating, electrical heaters and control units.

Further information can be found on <http://www.laing.de/eng/company>