|  |  |
| --- | --- |
| Date | 13 February 2015 |
| Job number | DEU-1616 |
| Job description | Daikin Altherma LT - small Monobloc |
| Category | Press Release |
| Target Audience | Installers, architects, developers & property companies, housing providers |
| Version | Draft V4.0 |
| Approval status | Final for sign-off |
| Deadline | 17 February 2015 |

**Daikin Europe launches its most efficient ever**

**all-in-one solution for home heating and hot water**

**Daikin Europe launches its most compact ever all-in-one solution: the new Daikin Altherma low temperature (LT) monobloc, which promises** **exceptional efficiency and reliability with significantly lower running costs.**

Now 16% lighter and 17% smaller, requiring significantly less wiring and with new severe weather protection features, the new Daikin Altherma LT monobloc is the most compact and energy-efficient heat pump solution on the market today.

Available in 5kW and 7kW capacities, the monobloc delivers flow temperatures up to 55°C with a market-leading COP close to 5 (at A7/W35) - the highest energy efficiency performance for any system of its kind. Offering almost flat-line capacity in all conditions, the new monobloc system has an increased modulation range capable of meeting a wide range of heat demands very efficiently and so can work in partial load for most of the year.

**All in one solution**

A perfect heat pump option for installers new to heat pumps, the new Daikin Altherma LT monobloc requires no refrigerant handling and works simply ‘out of the box’. As it contains a completely sealed refrigerant circuit and requires only water connections, the new Daikin Altherma LT monobloc can be fitted by any heating installer without the need for specialist F-Gas qualifications.

With only one outdoor unit containing all key hydraulics and simplified wiring, the new monobloc is sure to be popular with new and experienced heat pump installers alike. It reduces the risk of errors, simplifying project pricing and with no hidden extras such as separate expansion vessels or isolation valves that could increase the cost of installation.

**Consistent performance**

The system now offers higher capacity at lower ambient temperatures than the previous model with less than 10% drop off in heating capacity at -2°C which aids correct heat pump selection. With severe weather protection features promising reliable operation and capacity down to -25°C, the new monobloc ensures constant heating and hot water for householders all year round and reduces the risk of cold weather maintenance call-outs.

**Space saving design**

The compact design (h735 x w1085 x d360mm) of the Daikin Altherma LT monobloc was developed to meet the needs of smaller properties and locations where space is restricted. Small and light (85kg) for easy handling, the new Daikin Altherma LT monobloc offers even greater freedom of installation and can be installed almost anywhere, under windowsills and in the smallest of gardens. Offering a cost-effective solution for new build properties, with no impact on interior layouts, the system is also suitable for retrofitting into existing homes with a higher heat loss, offering an efficient replacement solution to deliver low running costs for tenants and private householders.

**Added freedom and peace of mind**

The new modern casing design and white finish will appeal to homeowners, while an optional back-up heater provides additional peace of mind for customers, assuring uninterrupted service at all times. The system comes with a new backlit plain text controller that is easy to use.

A new optional simplified householder controller to control room temperature and hot water re-heating has also been especially designed for social housing applications since it requires minimal user instruction, making the system easier to use for fewer installer call-backs.

**Daikin Altherma LT monobloc – the smart choice**

With the launch of the new Daikin Altherma LT monobloc, Daikin continues to lead the way in terms of efficient performance and innovative design to meet the needs of private developers, social housing providers and installers – all in one.

[**www.daikin.eu**](http://www.daikin.eu)

>Ends

**About Daikin Europe N.V.**

Daikin Europe N.V. is a wholly-owned subsidiary of Daikin Industries Limited and a major European producer of air conditioners, heating systems and refrigeration equipment, with approximately 5,500 employees throughout Europe and major manufacturing facilities based in Belgium, the Czech Republic, Germany, Italy, Turkey and the UK.

Globally, Daikin is renowned for its pioneering approach to product development and the unrivalled quality and versatility of its integrated solutions. With more than 90 years’ experience in the design and manufacture of heating and cooling technologies, Daikin is a market leader in heat pump technology.