

# PRESS RELEASE

*Clever heating & cooling – with Kermi heat pumps/storage tanks and control systems*

## ***New x-change dynamic pro heat pump – easy installation and ultimate efficiency***

The x-change dynamic pro air/water heat pumps for outdoor installation impress with top performance figures during operation and a high degree of pre-assembly for installation. Thanks to a wide array of model variants and suitably intelligent storage solutions, they cover a variety of needs. With an extended performance class and new additions to the portfolio in keeping with the on-trend topic of cooling, the range of applications has recently been expanded to meet practical needs.

With the x-change dynamic pro ac 16 AW E, Kermi is adding to its family of modulating air/water-based heat pumps: The new performance class, which delivers up to 19 kW (A-7/W35), complements the existing models – which start at 3.5 kW (A-7/W35) – and therefore offers an efficient solution for buildings with higher heat demands.

In large-scale building projects with multiple housing units, the option to connect up to three x-change dynamic pro units in a cascade allows for flexible adjustment. Suitable for both new buildings and renovations, the “pro” heat pumps score points when it comes to efficiency and sustainability with a COP of up to 4.80 (A2/W35), an energy efficiency rating of A+++, and the environmentally friendly refrigerant R32. Another advantage: The standard integrated active cooling function – perfect for meeting the rising demand in the field of building cooling.

### **Benefits during installation: pre-assembly and built-in controller**

As a model for outdoor installation, the x-change dynamic pro is easy to install and – with its powder-coated steel panel and durable stainless steel cover – equipped to cope with any weather conditions over the long term. The device also features vibration decoupling, a deaerator, and a safety valve (2.5 bar).

And the added bonus for installation and initial operation: The high degree of pre-assembly and perfect synching with other components in the “pro” family. The heat pump controller is not only available as a separate unit, but also comes installed in both “pro” heat storage tanks. This means that fewer individual components have to be connected, which effectively

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saves time during installation. What is more, less space is needed because no extra wall-mounted controller housing is required.

The controller is operated with a large, intuitive 7-inch touch display. The heat pump system is also accessible over an app or online – an optional function for handy remote maintenance by a specialist partner or the Kermi service team, for instance. The controller can be connected to the Internet without any further accessories for this purpose.

## **The cooling trend: Other new additions to the indoor climate range**

To meet practical requirements, heat pumps for different applications are not the only new additions to the portfolio. For instance, Kermi has responded to the on-trend topic of cooling with enhancements to other components:

Suitable for the standard integrated active cooling function in the x-change dynamic pro, the portfolio has long offered perfect-fitting, easy-to-install storage solutions. Here, retrofit kits for active and passive cooling are now available for the layered buffer storage system, x-buffer flex with hydro module (pro). As the ideal partner for the heat pump, the heat pump radiator x-flair is now available for cooling – the perfect addition to the x-net panel heating/cooling range.



The x-change dynamic pro heat pump achieves a COP of up to 4.80 (A2/W35) and is available in different performance classes – suitable for cascade connection – for new buildings and renovations. A new model delivering up to 19 kW is now available for buildings with increased heat demands. An active cooling function is installed as standard in all x-change dynamic pro devices.



The intelligent x-center pro heat pump controller is already integrated in the appropriate “pro” heat storage systems. This means that fewer individual components have to be installed and connected to one another. New additions in keeping with the cooling trend: Retrofit kits for active and passive cooling are now available for the layered buffer storage system, x-buffer flex with hydro module (pro).

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