

PRESS RELEASE

Renovation solution for housing construction / housing sector

x-net EMX: New compact home station for simple and sustainable replacement of gas-fired heating systems

No matter which heat source you opt for: x-net home stations from Kermi efficiently distribute heat and hygienically heat domestic water – quick and easy to install thanks to innovative plug connections and a high degree of pre-assembly.

The indoor comfort specialist has recently added the x-net home station EMX to its portfolio: a replacement solution for gas-fired single-storey heating systems. The compact station has been designed especially for the transition to neighbourhood heating systems and regenerative heat sources – and meets the specialist function- and dimension-related requirements for renovations in the housing sector.

In light of current developments in gas prices, many housing associations and residential property owners are on the lookout for alternative solutions for old gas-fired heating systems during renovation work. From the 1970s to the 1990s in particular, gas-fired single-storey heating systems were a common choice in the housing sector. So, flexible, simple replacement solutions are in high demand here – like the new x-net home station EMX.

x-net home station EMX – the practical renovation solution

As a compact hydraulic unit, the new x-net EMX efficiently supplies flats or storeys with heat and domestic water using the instantaneous heat flow principle. With many people currently eager to switch to district heating or combined heat and power units, existing radiators can remain in the property and do not necessarily have to be replaced with a great deal of effort – a relevant cost factor, particularly in larger properties.

One key advantage during operation: Because it heats domestic water just-in-time, no Legionella testing is needed. To enable needs-based domestic water heating using the instantaneous heat transfer method to be adapted precisely to the needs of the property in question, x-net home stations EMX are available in 37 kW, 45 kW, and 55 kW versions.

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A replacement for gas-fired heating systems – quick and easy to mount

The compact x-net home station EMX's dimensions and connections are the same as those in conventional gas-fired heating systems, enabling it to be easily mounted in their place. The primary heating lines can be connected both from below and also from above for added practicality thanks to the optional "primary plumbing set". This is often the case, for example, if the new primary heating lines run through the old boiler's flue opening.

To connect the station to the property's heating and domestic water pipes, an optional "connection set" is also available, covering the most common scenarios in practice. Yet another key feature: Like all x-net home stations, the specially developed, innovative plug connections combined with the overall unit's high degree of pre-assembly significantly reduce installation time. For instance, there is no need to retighten internal screw connections.

Sophisticated solution with an array of benefits

The x-net home station EMX complements Kermi's portfolio of home stations and impresses with its high-quality features, such as two different heat exchanger designs, available in copper or stainless steel. A differential pressure controller is included as standard – for hydraulic balancing between the stations – as is an adapter for the heat flowmeter. As a result, energy consumption for hot water and heating can be recorded directly for each individual home. Using the optional EMX time control set, there is also the option to implement individual control per housing unit in compliance with the German Buildings Energy Act.

On the whole, the new x-net replacement station impresses with its well known high level of efficiency: Special panel embossing on the heat exchanger improves heat transfer by 10 %. In addition to this, pressure loss is reduced by 30 %, which saves an additional 5 % of pump energy. All piping is made from stainless steel and come fitted with high-quality thermal insulation as standard.



A new addition to the indoor comfort specialist Kermi's portfolio: The x-net home station EMX – a quick and affordable replacement solution for gas-fired heating systems.

The compact hydraulic unit can be used with different heat sources and enables existing radiators to be retained. With its dimensions and connections, the x-net EMX is the ideal replacement for old gas-fired single-storey heating systems and offers a range of flexible connection options.

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