

Mitsubishi Electric at ISH 2017 in Frankfurt am Main

Object-oriented solution worlds in focus

- **High-efficiency systems for heating, cooling, hot water and fresh air**
- **Impressive technical data for the new Ecodan outdoor units**
- **Free admission vouchers available to order**

Frankfurt am Main/Ratingen (Germany), 8 February 2017 – Mitsubishi Electric will be presenting innovations and proven system concepts at ISH 2017 in Frankfurt am Main in twelve solution worlds that focus on different segments. At Stand E18 in Hall 9.0, the main focus will be on individual, high-efficiency systems for heating, cooling, hot water and fresh air. A particular highlight will be the solution worlds for detached and semi-detached houses, suitable for both new and existing buildings. Mitsubishi Electric will be presenting innovations including its impressive Ecodan range of heat pumps. In conjunction with a well-designed maintenance and service concept, the Ratingen-based manufacturer also offers its trade partners extensive support with its local and regional positioning.

In the solution worlds for the housing industry and commerce, Mitsubishi Electric will primarily present coordinated, high-performance systems for heating and hot water supply. New products, such as a hot water heat pump with the refrigerant R744 (CO₂), complement the Ecodan heat pump cascades. These products enable solutions offering a heat output of up to 138 kW to be achieved using air/water heat pumps. That is as unique in the market as the Zubadan technology used, which guarantees full heat capacity down to -15°C without an electric heating element, over-dimensioning of the compressor or compromising on heating comfort.

Sophisticated ventilation concepts will also be presented in the solution worlds, featuring an air flow rate ranging from 15 to 2500 m³/h. In another solution world, professional solutions for a combined heating and cooling supply illustrate the possibilities currently available to specialist designers and installers. Significant growth rates, including for the hybrid VRF (HVRF) system, show that these high-efficiency alternatives are accepted in the market. The HVRF system is the only technology in the world that combines all the

advantages of a water-based system with those of a direct-condensing unit, using a two-pipe system. With these systems, energy from the extraction of heat in the air conditioning is no longer lost, but is instead moved around the system to wherever it is needed or stored in the form of hot water.

Many other topics round off the broad range of applications showcased, such as digital heating with its control concepts, new compressor technology, chillers from Climaveneta (a member of the Mitsubishi Electric Group) and devices for hygienic hand drying. Go to www.ecodan-partner.de/ish2017 to order free admission vouchers for ISH 2017 from Mitsubishi Electric.

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About Mitsubishi Electric

For over 90 years, Mitsubishi Electric Corporation has been providing corporate customers and end users throughout the world with high-quality products for data processing and communication, space systems and satellite communication, home electronics, industrial technology, energy, transport and building services as well as air conditioning and heating technology. With around 129,000 employees, the company had earned a consolidated revenue of USD 36 billion* at the end of the business year on 31/03/2015. It has sales offices, research companies, development centres and production sites in more than 30 countries. Mitsubishi Electric has been represented in Germany since 1978 as a branch of Mitsubishi Electric Europe. Mitsubishi Electric Europe is a fully owned subsidiary of the Mitsubishi Electric Corporation in Tokyo.

* Exchange rate 120 yen = 1 US dollar, as at 31/03/2015 (source: Tokyo Foreign Exchange Market)

More information:

<http://global.mitsubishielectric.com>
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Mitsubishi Electric solutions for an energy-efficient, well-planned and user-friendly ambient climate in all types of buildings — from detached houses to commercial properties.

Photo: Mitsubishi Electric
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