

PRESS RELEASE

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Mitsubishi Electric is launching the PAC-IF 013

Since 2005 Mitsubishi Electric has supplied heat pump technology for heat production for ventilation units. This energy efficient solution is highly valued and has become an important tool in obtaining LEED and Green Building certification for buildings.

Extremely high efficiency

Today Mitsubishi Electric can offer continuously variable cooling and heating for your ventilation unit in one and the same ventilation coil and as part of the same initial investment. The ventilation unit progressively controls the output of the heat pump via our PAC-IF ventilation interface. On the few days that the ventilation unit needs cooling, this is provided with a high degree of efficiency. This solution also makes the ventilation unit more efficient because the pressure drop is half that of a conventional installation with separate heating and cooling coils in the ventilation duct. Choose between the Power Inverter or our Zubadan technology, depending on the climate zone in which it is to be installed, to ensure powerful heating, even on the coldest days of the year.



The many advantages of PAC-IF

There are many advantages to the PAC-IF013 B–E ventilation interface. The supply air temperature can be controlled from the ventilation unit via a 0–10 V signal or MODBUS. This means progressive cooling and heating in a single coil. In addition, you can use our calculation program MELcalc to calculate your energy savings with a ventilation heat pump.

Other functions include an operational analysis function via SD card, in which 30 days' worth of operating parameters from the heat pump and temperature sensors in the ventilation unit are recorded. This means that the heat pump's operational data can be read off to ensure that the control functions and temperature settings are correct. The "Self-Protection" function (ensuring a long service life) in our software prevents the heat pump working outside its operating range. And finally the powerful outdoor unit with Zubadan technology, equipped with our own "Flash Injection Circuit". This solution means that we get a constant heat output all the way down to -15°C, which is fantastic, and unique to Mitsubishi Electric.

To find out more, visit <http://mitsubishi-aircon.se/varmepump/ventilationsinterface/>
(Page in Swedish)

Mitsubishi Electric is a global leader in the research, manufacturing and marketing of electrical and electronic equipment used in communications, consumer electronics, industrial technology, energy and transportation. Its head office is located in Häggvik, north of Stockholm. The company also has offices in Gothenburg and Lund.

The company has operated in the Nordic region for 30 years and has some 60 employees. Mitsubishi Electric Scandinavia is responsible for sales and the support of its own products in Sweden, Finland, Denmark and the Baltic states.