Press release PARAGON - English

**Great savings with the new generation PARAGON**

Besides friendly staff and great location, one of the top priorities of hotel guests is a comfortable room climate – requiring perfect supply of fresh air, the right air temperature and low noise level. As a solution to all these requirements, Swegon has created the PARAGON comfort module, providing the perfect indoor climate in a highly energy efficient way. The solution has proven itself in hotel rooms, as well as nursing homes and hospital rooms, since year 2009 with over 13000 units installed.

The secret behind the PARAGON is to use the air pressure from a centrally placed air handling unit, together with small nozzles inside PARAGON, to create an induction effect, distributing the air along the ceiling. This results in a highly efficient mix of fresh air and room air, which together with a waterborne heat exchanger make sure the room is well ventilated at the right temperature, by adding heating or cooling according to demand. With the PARAGON solution, there are no noisy fans, condensation problems or cold draught in the room.

Now the new generation of PARAGON is here, with a unique Compact Change Over-valve integrated in the unit, increasing each unit’s cooling capacity about 20%, and the heating capacity about 60%.

Product Manager Jonas Åkesson sees a great potential in the new product generation; “The gain in capacity can be used in several ways, one is to adjust the cooling and heating water temperatures, allowing for a more economical operating mode of the heat pump or chiller. For a typical heat pump, this may convert into an electrical energy saving of about 25%.”

Jonas Åkesson also points out the advantages from a building process perspective; “PARAGON’s increased capacity makes product dimensioning easier and provides a more robust system design, without any compromises concerning the indoor climate. In the end this makes PARAGON a crucial factor for hotel guest satisfaction and retention.”