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PRESS RELEASE

Weger Air Solutions UK have expanded their product range with the introduction of 5 Models of Heat Pump Air to Air Heat Recovery Units.

All of the units are 'stand alone' and only need electrical power, so are ideal for applications where hot water, chilled water and gas are not available.

Very high efficiency levels are achieved as there are 2 forms of sequential heat recovery – the integral heat pump system and either plate recuperators or thermal wheels. They are well suited to achieve the higher demands of Government and Clients to reduce energy consumption.

All 5 models use an integral refrigeration system (R410A), using hermetic scroll compressors, inverter controlled. The evaporator and condenser coils are copper tubes with aluminium fins. The refrigeration system uses electronic expansion valves, cycle inversion valves, pressure gauges and pressure transducers.

The RFM, HPX, HPH and HPS all use Air to Air Plate Recuperators with 50%, 50%, 60% and 80% efficiency respectively. The HPR Range uses Thermal Wheels with 80% efficiency.

At the heart of each unit is a microprocessor controller, designed to maximise energy savings and achieve environmental comfort through modulation of cooling and heating to the space.

The Control Panels are designed for RS 485 connection to BMS systems based on Modbus RTU protocol.

For full details contact WEGER AIR SOLUTIONS UK LIMITED.

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