PKOM⁴A

HEAT PUMP COMBI UNIT

All-in-One

THE PKOM⁴A HEAT PUMP COMBI UNIT – HEATING & COOLING WITH AIR

With the new PKOM⁴A, we are introducing the next generation of our heat pump combi unit – featuring a new, sleek design (colour: white) and offering even greater comfort for your home.

WHY CHOOSE THE PKOM⁴A?

The 4-in-1 Advantage:
Ventilating, heating, cooling, and domestic hot water – all in one unit – for year round maximum living comfort.

- **Ventilation system:** with integrated heat recovery
- **Heating & cooling with air:** convenient and reliable
- **Domestic hot water:** 212/220-litre storage tank with impressed current anode
- **Refrigerant:** operates with R1234yf
- **Passive House certified**
- **No outdoor unit required:** outdoor air and exhaust air via stylish façade elements
- **Space-saving and quiet:** compact building services technology with the latest dual-circuit heat pump system
- **Wide range of applications:** single-family homes, multi-family buildings, residential developments, modular construction

WHO IS THE PKOM⁴A IDEAL FOR?

- **Planners & property developers** seeking compact and modern all-in-one solutions
- **Home builders** who wish to combine comfort and design
- **Renovators** upgrading their homes to meet near-zero energy standards and modernising with state-of-the-art building services technology

TREND

PKOM⁴A/AK TREND AT A GLANCE!

- EC radial fans, speed controlled
- Filter ETA ISO ePM10 75% / Filter ODA ISO ePM1 55%
- Plastic counterflow heat exchanger or enthalpy exchanger
- Summer bypass flap to bypass the heat recovery (free cooling)
- Integrated heater using heat pump hot gas for protection against freezing
- Reversible cooling circuit design
- Frequency controlled rotating piston compressor for heating and cooling the supply air
- Electronic expansion valves
- TFT touch display with integrated room temperature sensor
- Integrated WEB server and LAN interface to local networks
- Smart Grid Ready (PV Ready)

PKOM⁴A/AK TREND

Household hot water storage and the associated heat pump are omitted in the PKOM⁴A/AK trend unit version. The PKOM⁴A/AK trend heat pump combi unit is the best alternative to conventional living room ventilation units. The supply air into the living rooms will be cooled and dehumidified during summer, as needed. The supplied air will be heated in the colder months.

SYSTEM REPLACEMENT – MODERNISE NOW AND BENEFIT

Many buildings are still equipped with ventilation and heating systems that are now technically outdated. Replacing these ageing systems offers several advantages: noticeably lower operating costs, and a substantial increase in comfort. With the new PKOM⁴A, modernisation becomes particularly easy – without the need for an outdoor unit, and with a compact all-in-one system that replaces existing technology while saving space. What might seem like a necessary replacement thus becomes an investment in future-proofing and the highest level of living comfort.

Interested? Get non-binding advice and find the perfect version for your project.

Your partner/installer:

PICHLER
Systematic ventilation.

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