

## NEW HT Booster for ECOi EX Series, water at 70 °C · R410A

Contributes to building decarbonisation through heat recovery operation.

New  
2025



| Indoor unit   |                  |           | P-250WXHT1E5  |
|---|------------------|-----------|---|
| Power supply  | Voltage          | V         | 400   |
|   | Phase            |           | Three phase   |
|   | Frequency        | Hz        | 50  |
|   | Maximum amperage | A         | 28  |
| Heating capacity  |                  |           | 25,0 <sup>1)</sup>  |
| Maximum temperature   |                  |           | 70  |
| Dimension   | H x W x D        | mm        | 925 x 640 x 445   |
| Water pipe connector  |                  |           | R 1 ½   |
| Water pump (built-in)   |                  |           | Modulating / EC motor   |
| Water flow rate   | Nominal          | L/min     | 73  |
|   | Liquid           | Inch (mm) | 3/8 (9,52)  |
| Piping diameter   | Gas              | Inch (mm) | 5/8 (15,88)   |
|   | Ambient          | °C        | +5 ~ +40  |
| Indoor operating range  | Water            | °C        | +35 ~ +70   |
|   | Ambient          | °C        | -25 ~ +52 <sup>2)</sup>   |
| Connectable system  |                  |           | 2-Pipe ECOi EX ME2 R410A<br>3-Pipe ECOi EX MF3 R410A (heat recovery type) |
| Maximum Indoor ratio (connectable hydrokit module capacity ratio) |                  |           | Total indoor unit + HT Booster capacity: up to 130%                       |

1) 25 kW heating capacity at 50 °C temperature, 20 kW heating capacity at 70 °C temperature. 2) Minimum operating temperature of -25 °C is considering connection with 2-Pipe ECOi EX ME2 or MZ1. For Mini ECOi or 3-Pipe ECOi EX MF3 the minimum operating range is -20 °C. For 3-Pipe ECOi EX operation, the available heating range is -25 °C to +24 °C, varying depending on the outdoor unit type.

\* Available in Autumn 2025.

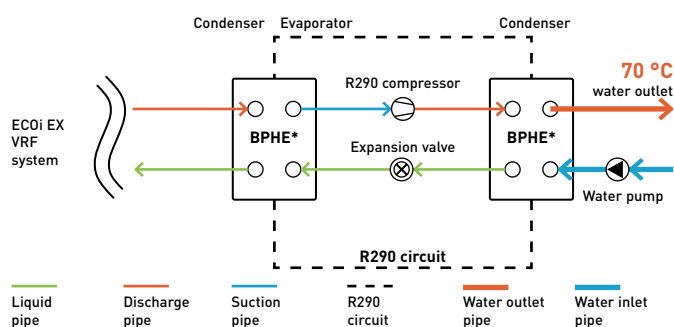
### Technical focus

- Maximum water outlet temperature of 70 °C
- Cascade circuit system using R290 refrigerant for efficient high-temperature hot water production
- High-volume flow ensures rapid recovery and flexible installation options
- Integrated pump simplifies installation
- Built-in R290 sensor and safety ventilation compliant with IEC 60335-2-40 edition 7
- Built-in remote controller designed for straightforward programming and enhanced customisation
- Direct Modbus communication without requiring an additional interface
- Optimised control prioritising energy-saving performance, including heat recovery operation with the 3-Pipe ECOi EX outdoor unit
- Compatible with ECOi EX Series 2-Pipe (ME2) and 3-Pipe (MF3)
- Operates in ambient temperatures as low as -25 °C for heating and up to +52 °C for cooling with 2-Pipe ECOi EX outdoor unit.

### How the HT Booster works

Optimised cascade circuit system with R290 refrigerant efficiently delivers high-temperature hot water up to 70 °C, ensuring energy-saving performance and sustainability.

### Boosts hot water up to 70 °C



\* BPHE: Brazed plate heat exchanger.