



# HVAC

**MODULAR PACKAGED AIR-TO-WATER  
REVERSIBLE TRIO OR TANDEM SCROLL  
MULTI-PIPE UNIT FOR OUTDOOR USE**

**UNITÀ MODULARE ARIA-ACQUA REVERSIBILE CON  
COMPRESSORI SCROLL IN CONFIGURAZIONE TRIO O  
TANDEM PER USO ESTERNO**



## R290 Heat Pumps

*Pompe di calore R290*



# Modello/Model EVEREST<sup>290</sup>

# APPROVED<sup>290</sup>

by **enex technologies**  
cooling and heating naturally



Air Condensed



Natural Refrigerant



EC Axial fans



Scroll Trio compressors



Plate exchangers



High efficiency



Outdoor installation



"F-Gas Free" Refrigerant

## FEATURES

- Outstanding seasonal efficiency thanks to **2 or 3 scroll compressors** in parallel & **EC fans**
- Extremely **small footprint** for the capacity
- **Low** refrigerant charge
- **Intelligent management** of modular system
- **Redundancy & reliability**
- Wide operating envelope in heat pump mode:  
**water 77°C with air -3°C**  
**water 63°C with air -15°C**
- **Adaptive** defrost function
- **Active envelope** control
- Available in **2-pipe, 4-pipe heat pump** and **cooling only** version
- **Advanced management** to optimise the **efficiency** of the **4-pipe** modular system

## CARATTERISTICHE

- *Elevata efficienza stagionale grazie a **2 o 3 compressori scroll** in parallelo e **ventilatori EC***
- *Dimensioni in pianta **estremamente ridotte** per la capacità*
- ***Bassa** carica di refrigerante*
- ***Gestione intelligente** del sistema modulare*
- ***Ridondanza ed affidabilità***
- *Limiti operativi estesi in pompa di calore:  
**acqua 77°C con aria -3°C**  
**acqua 63°C con aria -15°C***
- *Funzione di defrost **adattativa***
- ***Gestione attiva** del controllo **dell'envelope***
- *Disponibile in versione pompa di calore **2 tubi e 4 tubi e solo freddo***
- ***Gestione evoluta** per ottimizzare l'**efficienza** dell'unità modulare a **4 tubi***

Heating capacity 88-1200kW (max 10 modules)  
Potenza termica 88-1200kW (max 10 moduli)



Connection kits  
Kit di collegamento

Modules of different size can be combined to achieve the required capacity  
Moduli di diversa capacità possono essere combinati tra loro per raggiungere la capacità richiesta

## Hydronic kit

- **BUFFER TANK** with integrated antifreeze heater
- **WATER FLOW METERS:** installed on bypass line for pump control and on discharge line (optional with COP control: Integrated system for continuous COP monitoring)
- **PUMP:** **Single or double configuration** (only one operating) controlled by frequency inverter.  
**Standard or high available pressure**
- **DEDICATED ELECTRICAL AND CONTROL PANEL**
- **APPLICABILITY:** Each kit is suitable for configurations up to 10 EVEREST modules (5 modules if COP control is included)
- **4-pipe units:** In the case of 4-pipe configurations, the system includes two separate modules, each equipped with its own buffer tank: one dedicated to **hot water**, one for **chilled water**.

## COMING SOON

**EMICON**  
INNOVATION AS ENERGY



More info