



# CIATCOOLER ILK-ILKH

## Using / Applications

### Water chillers

### Hot water unit

- **AIR CONDITIONING & HEATING APPLICATION** for collective housing, commercial buildings and industrial premises

### Industrial PROCESSES



3 Models 750 to 1000  
Cooling capacity : 176 to 232 kW  
Heating capacity: 228 to 308 kW

## Main specifications

*The reference in heat pump*

- ⇒ Range designed for **external use**
- ⇒ 2 refrigerants circuits - 3 or 4 reciprocating type compressors
- ⇒ Hermetics type compressors with **phonic insulated case**
- ⇒ Air cooled condenser with **low speed** propeller fans ( 500 rpm or 750 rpm)
- ⇒ Shell and tube heat exchanger
- ⇒ Heat recovery by **brazed plate heat exchanger** (option)
- ⇒ Electronic control **MRS 3.4.A**
- ⇒ Communication with **B.M.S** in standard with **RS 485 (MODBUS/J BUS)** series outlet



## Advantages

- **All the components** are selected and optimised for heating operation  
⇒ guaranty of maximum efficiency
- **Version with integral packaged hydraulic equipment** (ILKH) (water tank, expansion vessel, single or twin pump, manometers, air vent, safety valve, drainage, isolating and filing valve...)  
| less commissioning, no technical room needed, reliability
- **Official agreement** of evaporators by DRIRE (FR) TUV (D) SA (SWE) VERITAS (E)
- **Large utilisation range :**  
cooling operation: external temperature : -15 to 44°C/ water temperature : -8 to 12 °C  
heating operation : external temperature : -15 to 20 °C Bh /water température: 30 to 55 °C
- Heat exchanger with **anti-freeze protection** (ILK) and hydraulic module (ILKH) in standard


COMPETITORS COMPARATIVE

Caractéristiques	Carrier	Trane	Beutot

ANSWERS

- *Objection n°1*
- Answer:
- *Objection n°2:*
- Answer