



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
⇒ garanty 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 commisionning, 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

<i>Caractéristiques</i>	<i>Carrier</i>	<i>Trane</i>	<i>Beutot</i>

ANSWERS

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