

# Aquaciat LD



**Range :**  
AQUACIAT LD series

Water chiller without hydraulic system, hydraulic version with or without buffer tank available as an option.  
Available in 11 models sized from 150 to 600

**Range of use :**  
Cooling capacity : 40 to 160 kW

**Use :**  
Medium-capacity air-cooled chiller for heating and cooling of residential buildings, businesses, industrial facilities and healthcare facilities. May be connected to emitters such as underfloor heating and cooling systems, terminal units (such as fan coil units and water cassettes) or air handling units. Designed as standard for outdoor installation without any special protection from adverse weather conditions.

This new range is optimised to run with the ozone-friendly HFC refrigerant R410A and thereby meet the most demanding environmental protection and high seasonal energy efficiency (ESEER) requirements.

# Aquaciat LD



## Description :

- R-410A refrigerant
- Compact, space-efficient unit
- Fully encased in a housing constructed of coated metal panels that can be detached for outdoor installation
- RAL 7024/7035 metal housing
- One or two independent refrigerant circuits
- Electronic expansion valve(s)
- One to four new-generation, high-efficiency scroll compressors
- 19mm insulated water-cooled brazed-plate heat exchanger
- All-aluminium micro-channel high efficiency air-cooled condenser
- 1 - 2 axial fans with composite blades offering an optimised profile
- Electrical cabinet equipped with remote control transformer, safety switch, numbered wiring
- Control module with Connect Touch microprocessor and a large range of auto adaptive functions
- Interface with intuitive multilingual 4"3 colour touchscreen.
- Web server (IP) for access to the interface screen
- Communication with the CMS via the MODBUS/JBUS protocol as standard (LON and Bacnet optional)