

Aquaciat Power



Range : AQUACIAT^{POWER} LD series

Water chiller without hydraulic system, hydraulic version with or without buffer tank available as an option

2 versions for different energy requirements

Standard energy version (ST)

High Energy Efficiency version (HE)

3 different sound level versions: Standard - Low Noise (LN) - Extra Low Noise (XLN)

Available in 12 models sized from 602 to 2000

Range of use : Cooling capacity : 170 to 520 kW

Use : The new generation of **AQUACIAT^{POWER}** air-cooled **high efficiency** water chillers provides an optimal solution for all cooling applications in offices, healthcare facilities, industries, administration and commercial premises and collective housing.

These units are designed to be installed outdoors and do not require 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.



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Description :

- R-410A refrigerant
- Compact design and small footprint for outdoor installation
- RAL 7024/7035 metal housing
- Two independent refrigerant circuits
- Electronic expansion valves
- New-generation, high-efficiency SCROLL compressors
- All-aluminium micro-channel high efficiency air-cooled condenser
- Propeller fan with optimised profile composite blades
- EC type motor with electronic pole switching and rotors with permanent magnets (standard on the HE series)
- 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)