

DYNACIAT Power

LG & LGP



Range : DYNACIAT^{POWER} LG-LGP series
LG: water-cooled water chiller
LGP: water-to-water heat pump
11 models (700V to 2400V)

Three acoustic versions available: Standard - Low Noise - Extra Low Noise

Range of use : Cooling capacity: 220 to 720 kW
Heating capacity: 250 to 820 kW

Use : The new generation of **DYNACIAT^{POWER}** water-cooled water chillers and water-to-water heat pumps provides an optimal solution to all cooling and heating applications in private and public offices, healthcare facilities, commercial premises and apartment buildings.

They are designed to be installed in equipment rooms that are protected against freezing temperatures and inclement weather.

This new range is optimised to run with the ozone-friendly HFC refrigerant **R-410A** 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 takes up little indoor space
- RAL 7024/7035 metal housing
- Two independent refrigerant circuits
- New generation of high-efficiency scroll compressors
- Brazed-plate heat exchangers with two refrigeration circuits
- Electrical cabinet complete with remote-control transformer, safety switch, wire numbers and identifications of the locations of main electrical components
- Controlled by CIAT's multilingual CONNECT 2 PLC with many anticipatory functions and master/slave control of two machines
- Communication with BMS via an RS-485 interface (Modbus/Jbus) as standard - LON & Ethernet as option