



Product Profile

Air & Water
Cooled Chillers



About Fantech Capital HVAC

Fantech Capital HVAC are a division of Fantech Group, which was founded in 1973. During the mid 1980's Fantech Group formed an alliance with Elta Fans UK which has led to Fantech Group manufacturing and distributing one of the most comprehensive ranges of ventilation products in Australia, New Zealand and South East Asia.

Established as a market leading supplier of HVAC solutions and equipment, our capital HVAC products have international accreditation from Eurovent, CTI, AHRI, TÜV and AMCA. Fantech Capital HVAC products are rigorously tested and certified, meeting Australian and New Zealand standards and regulations.

Our comprehensive range includes off-the-shelf products to designed, engineered and customised solutions for projects. From ventilation products for any air movement applications to refrigeration, chilled and condenser water equipment.

Our capital HVAC product range includes; chillers, air handling units, fan coil units, rooftop and packaged air conditioning, precision air conditioning, chilled beams and VAV systems and cooling towers.

Our HVAC ventilation range includes; roof mounted fans, inline axial fans, smoke spill fans, mixed flow fans, wall fans, roof cowls, attenuation and ancillaries.



A world wide group answering to all specific market needs

G.I. INDUSTRIAL HOLDING SpA is a global manufacturing and distribution network. G.I. INDUSTRIAL HOLDING's production is focused within four European plants: Latisana (Italy), Rivignano Teor (Italy), Piove di Sacco (Italy) and Biatorbágy (Gimek Zrt - Hungary).

The G.I. HOLDING headquarters located in Latisana features a 1,500m2 showroom, which exhibits units manufactured within all of the group's plants. On location is the Cooling Academy, a state of the art training facility equipped for technical coaching of consultants, business professionals, engineers, designers and contractors, as well as simulation rooms with fully functioning units.

The Latisana offices are host to the sales and marketing departments, as well as a newly built manufacturing plant.

Supported by a domestic and international sales team of 30 staff, as well as over 60 world wide distributors coordinated by three sales offices based in Italy, United Arab Emirates and Malaysia, we will be sure to meet your specific needs.



A fully certified system

CLINT product ranges are compliant to ErP 2018 European Regulations:

- ErP 2018 SEER: The Regulation n. 2016/2281, fixing precise efficiency standards for cooling only units.
- ErP 2018 SCOP: The Regulation n. 813/2013, fixing precise efficiency standards for heat pump units.



EUROVENT. Attesting the reliability of Company data on product performance, it is a guarantee of the actual quality of CLINT products and their characteristics.

G.I. INDUSTRIAL HOLDING S.p.A. participates in the ECC programme for LCP-HP, FCU and AHU. Check on-going validity of certificate at www.eurovent-certification.com or www.certiflash.com



It certifies that every unit leaving our production lines is built in accordance with the standards required by the European Union.



The first Italian Company in the sector to adhere to the programme in 1999, proving the special attention dedicated to the correct management of the industrial process.



Certification for pressurised fluids which guarantees the correct implementation of cooling and hydraulic circuits in units with compressors.



Components and Features

COMPRESSOR:

Clint offer an extensive range of compressor options and configurations. From the multi scroll range providing a high efficient cost effective solution with notable redundancy, to market leading oil-free Turbocor compressors, achieving the highest part load efficiencies on the market.

FAN:

With our range of Clint air cooled chillers you have access to the most comprehensive range of condenser fans. From standard to high static options, through to the quietest acoustic fans available from market leading European manufacturers.

EXCHANGER:

Providing flexible and efficient heat exchange solutions for the entire Clint chiller range. Depending on your spacial constraints, there is a Clint chiller that will meet your requirements, from a compact braze plate to a flooded shell and tube heat exchanger with the highest efficiency.

SOLUTION:

Options and flexibility for each chiller installation and project are critical in a market driven by choice and competition. Clint have an extensive list of market leading solutions with their chiller range, including add-on features to provide the most appropriate engineered solution on the market.

REFRIGERANT:

With client expectations on greener, more efficient refrigerants, Clint has been working on product development to replace the main gases R134a and R410a. Clint have released R1234ze, R32 and R513a for todays chillers whilst continuing to engineer solutions for tomorrow.



INVERTER ROTARY



ROTARY



INVERTER SCROLL



DIGITAL SCROLL



SCROLL



INVERTER SCREW



SCREW



TURBOCOR



CENTRIFUGAL



AXIAL



EC INVERTER AXIAL



RADIAL



EC INVERTER RADIAL



PLATE



SHELL AND TUBE



FLOODED SHELL AND TUBE



MICROCHANNEL



FREE-COOLING



DOMESTIC HOT WATER



AQUALOGIK



A CLASS



WEB MONITORING



4-PIPE SYSTEM



SILENCED



SUPER SILENCED



R410a



R134a



R32



R513a



R1234ze



H₂O



Product Range

CLINT offers a wide range of aircooled, watercooled and condenserless liquid chillers as well as dry-coolers and condensing units for residential, commercial and industrial applications.

Liquid Chillers



20 - 180 kW_r

The AquaPlus aircooled, watercooled and condenserless liquid chillers and heat pumps range is dedicated to small and medium areas in commercial or industrial buildings, up to 180 kW.

Compact and easy installation are the key benefits of this range.

Dedicated models can also feature the additional AquaLogik technology with built-in hydronic kit and variable speed circulating pumps, making the use of inertia tank unnecessary. The AquaPlus range is available in several variants, with different technical solutions and performance levels: the models in A CLASS energy efficiency feature inverter or digital scroll technology.



190 - 700 kW_r

The MultiPower liquid chiller and heat pump range is based on multi-scroll technology. This ensures high efficiency at part loads, since the load is split among the different compressors based on the actual cooling capacity required. The family includes both aircooled and watercooled models with a wide capacity range up to 1250 kW. The MultiPower range is available with different performance levels: the models in A CLASS energy efficiency feature inverter technology.



200 - 2490 kW_r

The MaxiPower aircooled, watercooled and condenserless liquid chillers with screw compressors cover capacities up to 2490 kW. Dedicated models feature inverter technology on compressors, pumps and fans for a higher efficiency even at part load. The MaxiPower range is available in several variants with different technical solutions and performance levels, as the models are A CLASS energy efficiency with low energy consumption and the watercooled models with R410A refrigerant.



TURBOLINE

200 - 4100 kW_r

The TurboLine range, equipped with TurboCor Magnetic Levitation compressors, reaches an extremely high efficiency (A CLASS) with the highest EER and ESEER in the market and a low starting current, in addition to maximum reliability and an extra silent operation. The range includes aircooled and watercooled models with a wide capacity range up to 4100 kW. The TurboLine range now includes a dedicated line of aircooled and watercooled liquid chillers with the latest generation refrigerant HFO - R1234ze, with GWP<1 (Global Warming Potential), in order to meet the strictest international environmental regulations.



40 - 1130 kW_r

The aircooled Multifunctional units of EnergyPower line are able to provide cooling, heating and domestic hot water at the same time and with the same unit. Those Multifunctional units, with capacity up to 1130 kW, are dedicated to 4-Pipe systems and are ideal for buildings where there is the need at the same time of ambient heating, cooling and domestic hot water production, such as hotels and multifunctional buildings with service and residential users. The new enlarged range now includes scroll models, in addition to screw models.



7 - 100 kW_r

The heat pumps of the MidyLine series are dedicated to heating and domestic hot water production, providing hot water up to 60°C. Being reversible, they are also capable of providing air conditioning during summertime.

The range features A CLASS energy efficiency and AquaLogik technology with built-in hydronic kit and variable speed circulating pumps, making the use of inertia tank unnecessary.



3 - 25 kW_r

The CompactLine liquid chiller and heat pump range is the ideal solution for residential or small commercial areas. Compact and low energy consumption are the key benefits of this range, available in two versions both in A CLASS energy efficiency: with integrated pump kit or with inverter technology.



500 - 9000 kW_r

The CentriTek watercooled liquid chillers are the ideal solution for extra-wide commercial or industrial areas. These units, available in A CLASS energy efficiency and featuring a capacity up to 9000 kW, are based on centrifugal compressors, also available with inverter technology, which ensure the key benefits of high EER and ESEER, together with high reliability.



Recent Projects



Toorak Library
Victoria



Parramatta RSL
New South Wales



Penguin Parade
Victoria



Broadmeadows Town Hall
Victoria



Woolworths Montague Road
Queensland



UQ, St Lucia
Queensland

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