





## GALLETTI.IT > THE COMPANY

**1906.** Ugo Galletti settle down the first production facility. In the beginning the production was mainly devoted to the manufacture of ice mould and light carpentry.

**1950.** The production and technical evolution leads the company to become a supplier of important car and motor-bike manufacturers such as: Ferrari, Ducati, Lamborghini, Morini.

**1960.** Galletti faces a big historical change: from manufacturing of components as a sub-supplier for other companies to own production of finished goods branded Galletti destined for end users. Galletti starts the manufacturing of heating units such as convector with copper/aluminium coils, and fan heaters for industrial application.

**1975.** Galletti starts the manufacturing of fan coil units; this is the first approach to the air conditioning field.

**1986.** Begin of a 15 years cooperation with a Japanese leading company in air conditioning. Galletti becomes the reference point of split systems in the Italian market.

**1994.** Galletti is one of the first companies in Europe to get the Eurovent certification.

**1995.** Galletti establish a new factory focused on the production of finned pack heat exchangers. First production of air condensed water chillers with cooling capacity from 6 to 180 kW.

**1996.** New production line of fan coils with a capacity of 700 units a day.

**2001.** Galletti founds a new company to approach the market of high technology air conditioning applications: HiRef. This represents another milestone towards the Galletti air conditioning globalisation.

**2003.** Extension of the Bentivoglio factory area with a new 7.000 m<sup>2</sup> building, including a new logistic centre and training facilities.

**2006.** A century of history for an enterprise that can today boast 3 manufacturing plants occupying a total area of over 45,000 m<sup>2</sup>, more than 250 employees, 1,700,000 fan coils sold, over 250,000 split air conditioners installed, 10 years of Eurovent certification and a consolidated distribution in the whole Europe.



## **GALLETTI.IT** > PRODUCTS

### **ECHO**



Cooling capacity  
3,5 • 6,5 kW

#### / Air condensed water chillers and heat pumps

- > 4 models realized in 4 versions
- > Integrated hydraulic kit with standard and uprated pump
- > Condensing control standard on heat pump models, available as option in the cooling only version

### **ECHO PLUS**



Cooling capacity  
8 kW

#### / High efficiency air/water heat pump

- > Operation with ambiente temperature from -10 to +28°C
- > 3 speed water pump
- > Condensing control

### **MCA**



Cooling capacity  
10 • 60 kW

#### / Air condensed water chillers and heat pumps

- > 11 models realized in 6 versions
- > Integrated hydraulic kit
- > Partial heat recovery available as option
- > Low ambient kit standard with heat pump model, option with cooling only
- > Also available with R410A starting from spring 2007

### **LCA**



Cooling capacity  
45 • 300 kW

#### / Air condensed water chillers and heat pumps

- > 17 models realized in 6 version
- > Integrated hydraulic kit available for all models and versions
- > Standard and low noise execution
- > Free cooling available in standard and low noise version
- > Heat recovery system and low ambient kit available on request

### **LSS**



Cooling capacity  
320 • 480 kW

#### / Air condensed water chillers with scroll compressor

- > 7 models realized in 6 version
- > Integrated hydraulic kit available for all models and versions
- > Standard and low noise execution
- > Free cooling available in standard and low noise version
- > Heat recovery system and low ambient kit available on request

### **LCS**



Cooling capacity  
210 • 530 kW

#### / Air condensed water chillers with screw compressor

- > 10 models realized in 6 version
- > Integrated hydraulic kit available for all models and versions
- > Standard and low noise execution
- > Free cooling available in standard and low noise version
- > Heat recovery system and low ambient kit available on request

**MCC**



Cooling capacity  
6 - 40 kW

/ Air condensed water chillers and heat pumps

- > R410A
- > 10 models realized in 2 version
- > Forward curved blades centrifugal fan directly coupled to the electric motor
- > Pressostatic condensation control standard in all models
- > Integrated hydraulic kit available for all models and versions
- > Heat recovery system and low water temperature kit available on request

**LCC**



Cooling capacity  
50 - 150 kW

/ Air condensed water chillers and heat pumps

- > 10 models realized in 6 version
- > Backward curved blades centrifugal fan directly coupled to the electric motor
- > Integrated hydraulic kit available for all models and versions
- > Standard and low noise execution
- > Free cooling available in standard and low noise version
- > Heat recovery system and low ambient kit available on request

**MCW**



Cooling capacity  
5,5 - 40 kW

/ Water condensed water chillers and heat pumps

- > 11 models realized in 4 versions
- > Integrated hydraulic kit available for all models and versions
- > Standard and low noise execution
- > Moto-evaporating units available in standard and low noise version
- > Dry-cooler and remote condenser available as options

**LCW**



Cooling capacity  
50 - 300 kW

/ Water condensed water chillers and heat pumps

- > 15 models realized in 4 versions
- > Standard and low noise execution
- > Moto-evaporating units available in standard and low noise version
- > Dry-cooler and remote condenser available as options
- > Available in geothermal version (R134A)

**ESTRO2006**



Cooling capacity  
1,15 - 11 kW

/ Fan coil units with centrifugal fans

- > 13 models realized in 9 versions
- > With cabinet, floor standing, wall or ceiling mounted
- > Without cabinet for vertical-horizontal concealed installation
- > Low body with cabinet

**WH**



Cooling capacity  
2 - 4,5 kW

/ High wall fan coil units

- > 3 models
- > Infrared remote controller
- > ON-OFF valve kit available as option

**CSW**

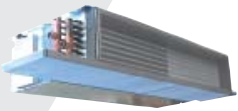


Cooling capacity  
3 - 8,5 kW

/ Water cassette

- > 6 models, 2 versions
- > 1 heat exchanger (2 pipe system) with wire controller
- > 2 heat exchangers (4 pipe system) with wire controller

**PWN**



Cooling capacity  
2,5 • 10 kW

- / Ducted thermoventilating unit
- > 9 models
- > Horizontal installation in false ceiling
- > Standard 7 speed motors

**UTN**



Cooling capacity  
2,5 • 18 kW

- / High pressure fan coil units
- > 12 models realized in 2 versions
- > With 1 coil (2 pipe system) for horizontal and vertical installation
- > With 2 coil (4 pipe system) for horizontal and vertical installation

**AREO**



Heating/Cooling  
capacity  
3 • 98 kW

- / Air conditioning fan heaters
- > 18 models for cooling and heating operation
- > All units can operate both with chilled and hot water
- > Multi speed motor: 2 for 400V and 3 for 230V power supply
- > Possible ceiling installation with hot water operation

**S 80**



Heating capacity  
11 • 110 kW

- / Fan heaters
- > 16 models for ceiling installation
- > All models can operate with hot and superheated water
- > 9 models for steam operation
- > Drain pan available as option for chilled water operation

**DST**



Air flow  
1400 • 9500 m<sup>3</sup>/h

- / Air destratifiers
- > 6 models
- > Regulation thermostat
- > Overload cut-out

**MTV**



Air flow  
2000 • 19000 m<sup>3</sup>/h

- / Modular air conditioning units
- > 8 models realized in 5 versions
- > Vertical and horizontal mounting
- > Framework made of galvanized steel profiles and double skin panels

**REKO**



Air flow  
600 • 4000 m<sup>3</sup>/h

- / Heat recovery units
- > 7 models realized in 2 versions
- > Unit with simple or double skin panels
- > Coil or electric heater for post-heating available as option

## GALLETTI.IT > PRODUCTS

### 2x1



Cooling capacity  
1,1 - 3,9 kW

#### / Units for air conditioning system

- > Convector operation in heating mode
- > Fan coil operation in cooling mode
- > 4 models
- > Same design as KAIMAN and FLAT

### KAIMAN



Cooling capacity  
1 - 2 kW

#### / Thermoconvectors

- > 6 models in 3 dimensions
- > 4 and 6 rows heat exchanger to operate with low water temperature
- > Air outlet flap with microswitch (option) connected to regulation water valve
- > Same design as 2x1 and FLAT

### FLAT



Cooling capacity  
1,5 - 4 kW

#### / Design fan coil units

- > 6 models in 3 dimensions
- > Design cabinet, wall installation
- > Same design as 2x1 and KAIMAN

### BIOXIGEN



#### / Air deionization and sanitification system

- > Designed to defeat virus, bacterium, moulds, bad smelling, thanks to the action of active oxygen.
- > This technology is not using any UV ray or chemical treatment
- > Available as an option for Galletti fan coils, ESTRO2006, 2x1, and KAIMAN ranges

### ERGO



#### / Hvac plants supervision systems

- > Real time analysis of the indoor units operation (up to 126)
- > Implements control strategy which adapt the operations of water chillers/heat pumps and of fan coils to the real time user load.
- > Suitable for all Galletti fan coil units and water chillers

### SPLIT SYSTEM



Cooling capacity  
2 - 14 kW

#### / Split system

- > 29 single split-systems and 8 multi split-systems
- > Indoor units for high wall, floor-ceiling, cassette and concealed installation
- > R410A for efficiency class up to A

## HIREF.IT > PRODUCTS

### HTW



Cooling capacity  
2,5 - 14,2 kW

#### / Wall mounted monobloc Telecom units

- > 12 models for outdoor installation
- > Free-Cooling (optional)
- > Dual power supply (optional)
- > Double circuit version available
- > Electronic expansion valve (optional)

### HTD



Cooling capacity  
4,5 - 17,2 kW

#### / Monobloc indoor Telecom units

- > 8 models for indoor installation
- > Free-Cooling (optional)
- > Dual power supply (optional)
- > Upflow (HTU), downflow (HTD) or displacement (HTX) version available
- > Electronic expansion valve (optional)

### HTS



Cooling capacity  
2,6 - 14,5 kW

#### / Split-type Telecom units

- > 9 models indoor unit
- > Free-Cooling (optional)
- > Dual power supply (optional)
- > Ceiling or wall mounted internal unit
- > Electronic expansion valve (optional)

### JREF



Cooling capacity  
5,9 - 22,2 kW

#### / Close control air conditioning units

- > 13 models in 7 versions available
- > Direct driven centrifugal fan
- > Fan with EC-Technology (optional)
- > Direct driven plug fan and EC technology available („R“ Series)
- > Electronic expansion valve (optional)
- > Inverter driven Scroll compressors (optional)

### TREF



Cooling capacity  
21,2 - 118,6 kW

#### / Close control air conditioning units

- > 20 models in 7 versions available
- > Direct driven plug fan with backward curved blades and brushless motor
- > EC - Technology = Standard
- > Single and double circuit versions available
- > Electronic expansion valve (optional)
- > Inverter driven Scroll compressors (optional)



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