

## PRODUCT OVERVIEW



## PRODUCT RANGE

CLINT offers a wide range of aircooled, watercooled and condenserless liquid Chillers as well as Dry-Coolers, Packaged Roof Top units, Condensing units and Fan Coil units for residential, commercial and industrial applications.

### LIQUID CHILLERS.



**COMPACT LINE:** The CompactLine liquid Chillers and Heat Pumps range is the ideal solution for residential or small commercial areas. Compactness 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.



**MIDY LINE:** The Heat Pumps of MidyLine series are dedicated to environment heating and domestic hot water production, providing hot water up to 60°C. Being reversible, they are also capable to provide 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 inertial tank unnecessary.



**AQUA PLUS:** 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. Compactness 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 inertial tank unnecessary. 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.



**MULTI POWER:** The MultiPower liquid Chillers and Heat Pumps range is based on multi-Scroll technology. This ensures an 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. MultiPower range is available with different performance levels: the models in A CLASS energy efficiency feature Inverter technology.



**ENERGY POWER:** 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 the Screw ones.



**MAXI POWER:** 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 an higher efficiency even at part load. MaxiPower range is available in several variants with different technical solutions and performance levels, as the models in A CLASS energy efficiency with low energy consumption and the watercooled models with R410A refrigerant.





**TURBOLINE:** 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.



**CENTRITEK:** 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.



## DRY-COOLERS & REMOTE HYDRONIC MODULES.

A complete range of Dry-Coolers with air flow up to 87 m³/s and different noise levels and a full range of remote Hydronic Modules up to 2500 lt. are available to complete the liquid Chillers ranges.



## PACKAGED ROOF TOP UNITS.



**AIR PLUS:** The Packaged Roof Top units of AirPlus series feature Single Skin and EC Inverter Plug-Fans. The units are available in several configurations with additional Mixing Box and Free-Cooling sections. The range has been improved with the new high efficiency models with Digital Scroll compressor.



**AIR MAXI:** The Packaged Roof Top units of AirMaxi series feature Double Skin and radial fans. AirMaxi is available in several configurations with additional Mixing Box, Free-Cooling and Heat Recovery sections. The range has been improved with the new high efficiency models with Inverter Scroll compressor, EC Inverter Plug-Fans and the new Heat Recovery section with Wheel technology.



## CONDENSING UNITS.

A complete range of condensing units from 4 to 190 kW with different technical solutions and noise levels is available to complete the CLINT product range.



## FAN COIL UNITS.

### FAN COIL UNITS WITH CABINET (FLOYD) AND FOR BUILT-IN INSTALLATION:

Fan Coil units for floor, ceiling or built-in installation, with several air flow configurations and capacity up to 7,3 kW. Available both with 3-Speed or EC Inverter fans.



### WALL MOUNTED, WATER CASSETTE AND DUCTABLE FAN COIL UNITS:

Wall mounted units up to 5,4 kW, Water Cassette up to 10,9 kW and Modular Ductable Fan Coil units up to 42,8 kW to satisfy any installation requirement. Available with 3-Speed or EC Inverter fans.





## LEGENDA

COMPRESSOR:				SOLUTION:				REFRIGERANT:				
	Inverter Rotary		Turbocor		EC Inverter Plug-Fan		Free-Cooling		Super silenced		R410A	
	Rotary		Centrifugal	EXCHANGER:			Domestic Hot Water		Single Skin		R134a	
	Inverter Scroll	FAN:		Axial		Plate		AquaLogik		Double Skin		R407C
	Digital Scroll			Shell and Tube		A CLASS		MS	Mixing Box		R1234ze	
	Scroll		Radial		Flooded Shell and Tube		Web Monitoring		Economizer		H <sub>2</sub> O	
	Inverter Screw		EC Inverter Radial		Microchannel		4-Pipe system		Economizer and Cross-flow Heat Recovery			
	Screw		EC Inverter Tangential				Silenced		Economizer and Wheel Heat Recovery			

## 1. AIRCOOLED LIQUID CHILLERS AND HEAT PUMPS FOR RESIDENTIAL & LIGHT COMMERCIAL APPLICATION



### 1.1 Compact size liquid Chillers and Heat Pumps with Rotary or Scroll compressor and plate exchanger

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>A</b>	CHA/IK/WP 15÷61	<b>INVERTER ROTARY</b>	3,9-10	5,6-14	
<b>A</b>	CHA/CLK 15÷81	<b>INVERTER SCROLL</b>	4,2-21	5,0-24	

### 1.2 Dedicated Heat Pumps with Scroll compressors and plate exchanger

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>A</b>	CHA/ML/ST 41÷71	<b>AQUALOGIK</b>	7,3-16	11-23	
<b>A</b>	CHA/ML/ST 91÷151	<b>AQUALOGIK</b>	20-37	31-53	
<b>A</b>	CHA/ML/ST 182-P÷302-P	<b>AQUALOGIK</b>	44-101	57-114	

## 2. AIRCOOLED LIQUID CHILLERS AND HEAT PUMPS FOR COMMERCIAL & INDUSTRIAL APPLICATION



### 2.1 Liquid Chillers and Heat Pumps with Scroll compressors and plate or shell and tube exchanger

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>NEW A</b>	CHA/IK/A/WP 91÷152	<b>INVERTER SCROLL</b>	21-43	22-50	
	CHA/K 91÷151		25-42	31-55	
	CHA/K/ST 91÷151	<b>AQUALOGIK</b>	25-42	31-55	
	CHA/K/FC 91÷151	<b>FREE COOLING</b>	28-43	---	
<b>A</b>	CHA/IK/A 172-P÷574-P	<b>INVERTER SCROLL</b>	50-179	---	
<b>A</b>	CHA/TK/A 182-P÷604-P	<b>DIGITAL SCROLL</b>	51-185	---	
<b>A</b>	CHA/K/A/WP 182-P÷604-P		48-161	56-197	
<b>A</b>	CHA/K/A/WP/ST 182-P÷604-P	<b>AQUALOGIK</b>	48-161	56-197	
	CHA/K 182-P÷604-P		48-178	54-187	
	CHA/K/ST 182-P÷604-P	<b>AQUALOGIK</b>	48-178	54-187	
	CHA/K/FC 182-P÷604-P	<b>FREE COOLING</b>	53-174	---	
	CHA/K 182÷604		49-179	56-188	
	CHA/K/ST 182÷604	<b>AQUALOGIK</b>	49-179	56-188	
	CRA/K 15÷131		4,2-33	5,0-42	
	CRA/K 182-P÷604-P		48-178	54-187	
	CRA/K/ST 182-P÷604-P	<b>AQUALOGIK</b>	48-178	54-187	
	CRA/K 182÷604		49-179	56-188	
	CRA/K/ST 182÷604	<b>AQUALOGIK</b>	49-179	56-188	



### 2.2 Multi-Scroll liquid Chillers and Heat Pumps with plate or shell and tube exchanger

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>A</b>	CHA/IK/A 674-P÷2356-P	<b>INVERTER SCROLL</b>	196-668	---	
<b>A</b>	CHA/K/A/WP 726-P÷24012-P	<b>MICROCHANNEL</b>	194-671	227-762	
	CHA/K 726-P÷36012-P		199-1051	228-1210	
	CHA/K/FC 726-P÷36012-P	<b>FREE COOLING</b>	208-1102	---	
	CHA/K 726÷36012		200-1062	229-1222	



### 2.3 Multifunctional 4-Pipe units with Scroll or Screw compressors and plate or shell and tube exchangers

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>NEW</b>	CHA/K/EP 182-P÷693-P		49-190	52-203	
<b>NEW</b>	CHA/K/EP 604-P÷2406-P		167-643	180-693	
	CHA/IY/EP 1352÷4402	<b>INVERTER SCREW</b>	278-1133	283-1156	



### 2.4 Liquid Chillers and Heat Pumps with Screw compressors and shell and tube exchanger

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>A</b>	CHA/IY/WP 1352÷4402	<b>INVERTER SCREW</b>	278-1133	282-1148	
<b>A</b>	CHA/Y/A 1302÷4802	<b>INVERTER SCREW</b>	263-1136	---	
	CHA/Y 1202-B÷6802-B		221-1597	225-1438	
	CHA/Y/FC 1202-B÷6002-B	<b>FREE COOLING</b>	217-1460	---	
	CHA 702-V÷5602-V		170-1500	190-1342	
	CHA/FC 702-V÷4602-V	<b>FREE COOLING</b>	177-1163	---	

\* Option



### 2.5 Liquid Chillers with Turbocor compressors and flooded shell and tube exchanger

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>NEW A</b>	CHA/TTH 1301-1÷4904-2	<b>MICROCHANNEL</b>	262-1340	---	
<b>NEW</b>	CHA/TTH/FC 1301-1÷4904-2	<b>FREE COOLING</b>	279-1386	---	
<b>A</b>	CHA/TTY 1301-1÷5004-2	<b>MICROCHANNEL</b>	248-1456	---	
	CHA/TTY/FC 1301-1÷5004-2	<b>FREE COOLING</b>	246-1443	---	

\* Option

## 3. WATERCOOLED AND CONDENSERLESS LIQUID CHILLERS AND HEAT PUMPS FOR COMMERCIAL & INDUSTRIAL APPLICATION. REMOTE CONDENSERS



### 3.1 Liquid Chillers and Heat Pumps with Scroll compressors and plate or shell and tube exchangers. Remote Condensers

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
	CWW/K 15÷151		4,6-49	5,9-60	
	CWW/K 182-P÷604-P		55-195	73-237	
	CWW/K 182÷604		57-196	75-238	
	MEA/K 15÷151		4,0-42	5,1-53	
	MEA/K 182-P÷604-P		51-176	60-194	
	RCA/K 4111÷8222		---	---	
	RCA/K/SL 4111÷8222		---	---	
	RCA/K/SSL 5111÷8222		---	---	

### 3.2 Multi-Scroll liquid Chillers and Heat Pumps with plate or shell and tube exchangers

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
	CWW/K 726-P÷36012-P		224-1242	290-1531	
	CWW/K 726÷36012		225-1254	291-1546	

### 3.3 Liquid Chillers and Heat Pumps with Screw compressors and shell and tube exchangers. Remote Condensers

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
A	CWW/K/A 901÷6202	INVERTER SCREW	320-2486	---	
	CWW/IY/WP 1352÷4402	INVERTER SCREW	319-1171	386-1439	
A	CWW/Y/A 1302÷4802	INVERTER SCREW	280-1289	---	
	CWW/K 901÷5802		281-1893	---	
	CWW/Y 1302-B÷9003-B		267-2473	---	
	MEAY 1302-B÷9003-B		235-2168	---	
	RCA/Y 8141÷9282		---	---	
	RCA/Y/SL 8231÷9282		---	---	
	RCA/Y/SSL 8151÷9281		---	---	

\* Option

### 3.4 Liquid Chillers with Turbocor compressors and flooded shell and tube exchangers

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
A	CWW/TTH 1701-1÷6606-1		321-1922	---	
A	CWW/TTH/DR 1701-1÷6606-1		301-1802	---	
A	CWW/TTY 1601-1÷14406-1		319-3912	---	
A	CWW/TTY/DR 1601-1÷6204-1		298-1584	---	

### 3.5 Liquid Chillers with Centrifugal compressors and flooded shell and tube exchangers

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
	CWW/CCY 4031÷11682	INVERTER CENTRIFUGAL	1050-9000	---	

\* Option

## 4. DRY COOLERS & HYDRONIC MODULES

### 4.1 Dry Coolers

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
	RCW 6121÷9282		---	---	
	RCW/SL 6122÷9281		---	---	
	RCW/SSL 6132÷9282		---	---	

### 4.2 Remote Hydronic Modules

CLASS	UNITS NAME	TECHNOLOGY	CAPACITY (LT.)	FEATURES
	MR 1500÷2500		1500-2500	

## 5. PACKAGED ROOF TOP UNITS

### AIRPLUS



#### 5.1 Single Skin Packaged Roof Top units with Scroll compressors and EC Inverter Plug-Fans

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
NEW	RTA/TK/EC/WP 182-R÷453-R	DIGITAL SCROLL EC INVERTER PLUG FANS	65-171	63-162	
NEW	RTA/K/EC/WP 182-R÷453-R	EC INVERTER PLUG FANS	65-171	63-162	

### AIRMAXI



#### 5.2 Double Skin Packaged Roof Top units with Scroll compressors and radial fans or EC Inverter Plug-Fans

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
NEW	RTA/K/EC 172÷724	INVERTER SCROLL EC INVERTER PLUG FANS	58-252	60-262	
	RTA/K 182÷804	EC INVERTER PLUG FANS	58-252	60-262	

\* Option

## 6. CONDENSING UNITS



#### 6.1 Condensing units with Rotary or Scroll compressors

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
	MHA/K 15÷151		4,5-46	4,8-52	
	MHA/K 182÷604		51-188	56-193	
	MRA/K 15÷131		4,5-37	4,8-41	
	MRA/K 182÷604		51-188	56-193	

## 7. FAN COIL UNITS



#### 7.1 Fan Coil units with cabinet or for built-in installation with 3-Speed or EC Inverter radial fans

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
	FWW 13÷74 floyd	EC INVERTER FAN	1,3-7,3	3,2-16	
	FIW 13÷74	EC INVERTER FAN	1,3-7,3	3,2-16	

\* Option



#### 7.2 Wall mounted Fan Coil units with EC Inverter tangential fan

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
	HWW/EC 22÷62 eurice	EC INVERTER FAN	2,1-5,4	2,7-6,9	



#### 7.3 Water Cassette with 3-Speed or EC Inverter radial fan

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
	TCW 22÷122	EC INVERTER FAN	2,4-11	4,9-19	

\* Option



#### 7.4 Ductable Fan Coil units with 3-Speed or EC Inverter radial fans

CLASS	UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
	UTW 63÷544	EC INVERTER FAN	4,6-43	9,8-97	

\* Option