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**FUJITSU**

FUJITSU GENERAL  
AIR CONDITIONING UK

# PRODUCT RANGE

The 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.



## 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 DOUBLE A CLASS energy efficiency with Inverter Scroll compressor.



**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, as well as 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, up to DOUBLE A CLASS energy efficiency, featuring Inverter technology on Scroll compressors and, as option, on fans and circulating pumps. The new **EASY** range is characterized by high flexibility and compact design, with V shaped condensing coils. Units with **R452B** refrigerant are also available.



**MULTI POWER:** The MultiPower liquid Chillers and Heat Pumps range is based on multi-Scroll design for high efficiency at part loads, with up to 12 compressors on double cooling circuit, also in DOUBLE A CLASS energy efficiency with Inverter technology. The family includes both aircooled and watercooled models with a capacity range up to 1250 kW. Units with **R452B** refrigerant are also available.



**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 with simultaneous need of ambient heating, cooling and domestic hot water, such as hotels and multifunctional buildings with service and residential users. The range includes models with both Scroll or Screw compressors. Units with **R452B** or **R513A** refrigerant are also available.



**MAXI POWER:** The MaxiPower aircooled, watercooled and condenserless liquid Chillers with Screw compressors cover capacities up to 2470 kW. Dedicated models feature Inverter technology on compressors, pumps and fans for a higher efficiency even at part load. MaxiPower range is available in several variants up to DOUBLE A CLASS. The new environmentally friendly models feature the innovative **HFO-R1234ze** refrigerant, with GWP<1 (Global Warming Potential), in order to meet the strictest international environmental regulations. Units with **R513A** refrigerant are also available.





**TURBOLINE:** The TurboLine range, equipped with Turbocor Magnetic Levitation compressors, reaches an extremely high efficiency (A CLASS) with the highest EER and SEER / ESEER / IPLV 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 3900 kW, also with **R513A** or **HFO-R1234ze** refrigerant.



**CENTRITEK:** The CentriTek watercooled liquid Chillers are dedicated to 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 SEER / ESEER, together with high reliability.



## DRY-COOLERS, REMOTE CONDENSERS AND HYDRONIC MODULES.

A comprehensive range of Dry-Coolers and Remote Condensers with air flow up to 127 m<sup>3</sup>/s and different noise levels and a full range of remote Hydronic Modules up to 2500 lt. are available to complete the liquid Chillers range.



## PACKAGED ROOF TOP UNITS.



**AIR PLUS:** The Packaged Roof Top units of AirPlus series feature Single Skin and EC Inverter Plug-Fans, also with Digital Scroll compressor. The units may feature additional Mixing Box, Free-Cooling sections and Thermodynamic Coil-Boost Heat Recovery.



**AIR MAXI:** The Double Skin Packaged Roof Top units of AirMaxi series feature radial fans or EC Inverter Plug-Fans, also with Inverter Scroll compressor. The units may feature additional Mixing Box, Free-Cooling and Heat Recovery Sections, with different technologies: Cross-Flow type, Wheel type or Thermodynamic Coil-Boost type.



## CONDENSING UNITS.

A comprehensive 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 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. A new range with high static pressure is also available for built-in installation.



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

Wall mounted units up to 5,4 kW, Water Cassette up to 11 kW and Modular Ductable Fan Coil units up to 43 kW, available with 3-Speed or EC Inverter fans.



# LEGENDA

COMPRESSOR	FAN	EXCHANGER	SOLUTION	REFRIGERANT
Rotary	Axial	Plate	Free-Cooling	R410A
Inverter Scroll	EC Inverter Radial	Shell and Tube	Domestic Hot Water	R452B
Digital Scroll	Radial	Flooded Shell and Tube	AquaLogik	R134a
Scroll	EC Inverter Tangential	Microchannel	A CLASS Cooling	R513A
Inverter Screw	EC Inverter Plug-Fan		A CLASS Heating	R1234ze
Screw			4-Pipe system	R407C
Turbocon			Silenced	H <sub>2</sub> O
Inverter Centrifugal			Super silenced	
Centrifugal			Single Skin	

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

### COMPACT Line



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>NEW</b> CHA/IK/A 21÷81	<b>INVERTER SCROLL</b>	6,0-22	6,7-25	

### MIDYLINE



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
CHA/ML/ST 41÷71	<b>AQUALOGIK</b>	7,3-16	11-23	
CHA/ML/ST 91÷151	<b>AQUALOGIK</b>	20-37	31-53	
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

### AQUA PLUS



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>NEW</b> CHA/IK/A 91÷151	<b>INVERTER SCROLL</b> <b>MICROCHANNEL</b> *	26-42	29-48	
CHA/K/FC 91÷151	<b>FREE COOLING</b>	28-43	---	
<b>NEW</b> CHA/IK/A 172-P÷574-P	<b>INVERTER SCROLL</b> <b>MICROCHANNEL</b> *	50-179	54-193	
<b>NEW</b> CHA/K/AF 182-P÷604-P	<b>AQUALOGIK</b> *	51-183	55-198	
CHA/K/WP 182-P÷604-P	<b>AQUALOGIK</b> *	48-161	56-197	
CHA/K 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	<b>AQUALOGIK</b> *	49-179	56-188	
<b>NEW</b> CHA/K/E 252-P÷684-P	<b>EASY</b>	66-180	---	
<b>NEW</b> CRA/IK/A 21÷131	<b>INVERTER SCROLL</b>	6,0-36	6,7-40	

\* Option

**multi power**



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>NEW</b> CHA/IK/A 674-P÷2356-P	<b>INVERTER SCROLL MICROCHANNEL</b> *	196-668	212-724	A+ A+ R410A R452B
<b>NEW</b> CHA/K/AF 726-P÷24012-P		197-692	214-754	A+ A+ R410A R452B
CHA/K/A/WP 726-P÷24012-P		194-671	227-762	A+ R410A R452B
CHA/K 726-P÷36012-P		199-1051	228-1210	R410A R452B
CHA/K/FC 726-P÷36012-P	<b>FREE COOLING</b> III	208-1102	---	FC R410A R452B
CHA/K 726÷36012		200-1062	229-1222	R410A R452B

\* Option

**ENERGY POWER**



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
CHA/K/EP 182-P÷693-P		49-190	52-203	R410A R452B
CHA/K/EP 604-P÷2406-P		167-643	180-693	R410A R452B
CHA/Y/EP 1352÷4402	<b>INVERTER SCREW</b> *	278-1133	283-1156	R134a R513A

\* Option

**MAXI POWER**



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>NEW</b> CHA/H/A 1002÷6002	<b>INVERTER SCREW MICROCHANNEL</b> *	197-1353	---	A+ HFO R1234ze R134a R513A
<b>NEW</b> CHA/H/FC 1002÷4802	<b>FREE COOLING</b> III	232-1144	---	FC HFO R1234ze
<b>NEW</b> CHA/Y/A 1302÷4802	<b>INVERTER SCREW MICROCHANNEL</b> *	263-1136	272-1176	A+ A+ HFO R1234ze R134a R513A
CHA/Y 1202-B÷6802-B		221-1597	225-1438	R134a R513A
CHA/Y/FC 1202-B÷6002-B	<b>FREE COOLING</b> III	217-1460	---	FC R134a R513A

\* Option

**TURBOLINE**



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
CHA/TTH 1301-1÷4904-2	<b>MICROCHANNEL</b> *	262-1340	---	A+ HFO R1234ze
CHA/TTH/FC 1301-1÷4904-2	<b>FREE COOLING</b> III	279-1386	---	FC HFO R1234ze
CHA/TTY 1301-1÷5004-2	<b>MICROCHANNEL</b> *	248-1456	---	A+ HFO R1234ze R134a R513A
CHA/TTY/FC 1301-1÷5004-2	<b>FREE COOLING</b> III	246-1443	---	FC HFO R1234ze R134a R513A

\* Option

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

**AQUA PLUS**



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
CWW/K 15÷151		4,6-49	5,9-60	R410A
CWW/K 182-P÷604-P		55-195	73-237	R410A R452B
CWW/K 182÷604		57-196	75-238	R410A R452B
MEA/K 15÷151		4,0-42	5,1-53	R410A
MEA/K 182-P÷604-P		51-176	60-194	R410A
RCA/K 4111÷8222		---	---	R410A
RCA/K/SL 4111÷8222		---	---	SL R410A
RCA/K/SSL 5111÷8222		---	---	SSL R410A

## multi power



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



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	

## MAXI POWER



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
<b>NEW</b> CWW/H/A 1002÷6002	<b>INVERTER SCREW</b> *	234-1650	---	
CWW/Y/A 1302÷4802	<b>INVERTER SCREW</b> *	280-1289	---	
CWW/Y 1302-B÷9003-B		267-2473	---	
MEA/Y 1302-B÷9003-B		235-2168	---	
RCA/Y 8141÷9282		---	---	
RCA/Y/SL 8231÷9282		---	---	
RCA/Y/SSL 8151÷9281		---	---	

\* Option

## TURBOLINE



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



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

## CENTRIK



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



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

\* Option

## 4. DRY-COOLERS & HYDRONIC MODULES



### 4.1 Dry-Coolers



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



### 4.2 Remote Hydronic Modules



UNITS NAME	TECHNOLOGY	CAPACITY (LT.)	FEATURES
MR 50÷80		50-80	
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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
RTA/TK/EC/WP 182-R÷453-R	<b>DIGITAL SCROLL</b> <b>EC INVERTER PLUG FANS</b>	65-171	63-162	MS ECO THCB REC R410A
RTA/K/EC/WP 182-R÷453-R	<b>EC INVERTER PLUG FANS</b>	65-171	63-162	MS ECO THCB REC R410A

**AIRMAXI**



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
RTA/IK/EC 172÷724	<b>INVERTER SCROLL</b> <b>EC INVERTER PLUG FANS</b>	58-252	60-262	MS ECO THCB REC FX REC WHEEL REC R410A
RTA/K 182÷804	<b>EC INVERTER PLUG FANS*</b>	58-252	60-262	MS ECO THCB REC FX REC WHEEL REC R410A

\* Option

## 6. CONDENSING UNITS



### 6.1 Condensing units with Rotary or Scroll compressors and axial or radial fans



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
MHA/K 15÷151		4,5-46	4,8-52	MS ECO THCB REC R410A
MHA/K 182÷604		51-188	56-193	MS ECO THCB REC R410A
MRA/K 15÷131		4,5-37	4,8-41	MS ECO THCB REC R410A
MRA/K 182÷604		51-188	56-193	MS ECO THCB REC R410A

## 7. FAN COIL UNITS



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
FVW 13÷74 floyd®	<b>EC INVERTER FAN*</b>	1,3-7,3	3,2-16	MS ECO THCB REC H2O
FIW 13÷74	<b>EC INVERTER FAN*</b>	1,3-7,3	3,2-16	MS ECO THCB REC H2O
<b>NEW</b> FIW/AP 23÷74	<b>EC INVERTER FAN*</b> <b>HIGH STATIC PRESSURE</b>	1,4-6,7	3,0-15	MS ECO THCB REC H2O

\* Option



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
HWW/EC 22÷62 eurice®	<b>EC INVERTER FAN</b>	2,1-5,4	2,7-6,9	MS ECO THCB REC H2O



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



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
TCW 22÷122	<b>EC INVERTER FAN*</b>	2,4-11	4,9-19	MS ECO THCB REC H2O

\* Option

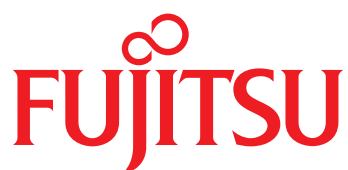


### 7.4 Ductable Fan Coil units with 3-Speed or EC Inverter radial fans



UNITS NAME	TECHNOLOGY	COOLING (kW)	HEATING (kW)	FEATURES
UTW 63÷544	<b>EC INVERTER FAN*</b>	4,6-43	9,8-97	MS ECO THCB REC H2O

\* Option



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