

discreet

Water cooled Split-System GCAO

quiet

adaptable

Cooling only



Electric heating



R407C



Airwell
Air Conditioning

RANGE PROCESS

The AIRWELL Water Cooled "SPLIT-SYSTEM" Range is designed to air condition premises when it is not possible for technical reasons (no access, environmental problems, conservation areas) to install a condensing unit outside of a building. The Range comprises 7 condensing units of various capacity, ready to be installed indoors, for example in a technical room.

These units can be connected with 6 models of indoor air treatment units, therefore

offering many combinations.

advantages

➤ **UNOBTRUSIVE, FITTING INTO ANY STYLE OF ROOM**
Super-compact GCAO Condensing Units fit perfectly into any style of room. They can be installed in a technical room, a junk room or a sanitary plumbing room, depending on its shape. The cooling compartment is soundproof, therefore making its operation is remarkably noiseless.

➤ **A SIMPLE AND VERY FLEXIBLE INSTALLATION**
GCAO condensing units can be connected with city supply water and city sewage systems.

They are linked to the air treatment units by means of a small diameter cooling pipe (Flare couplings).

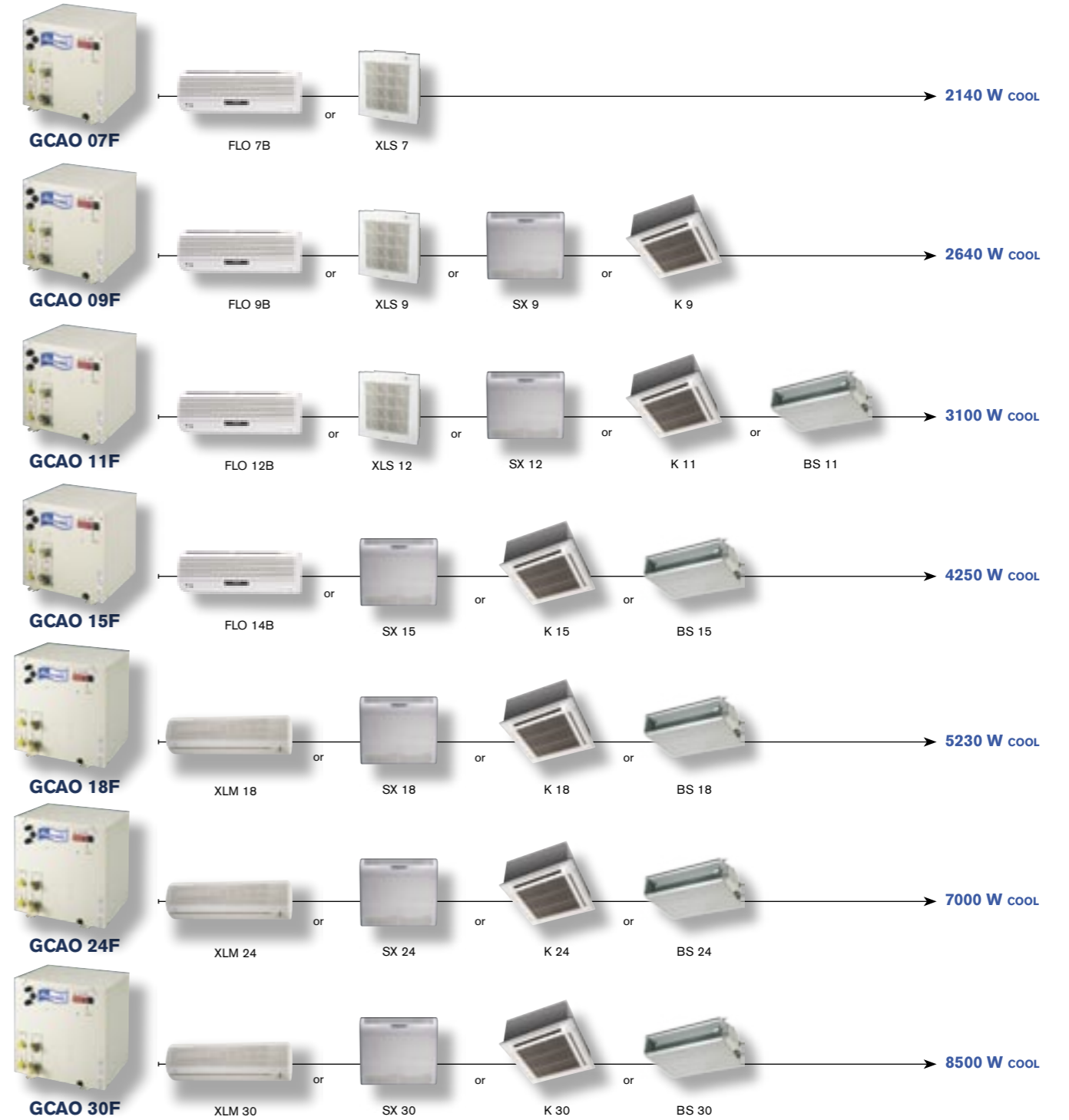
NOTE: GCAO condensing units limit water consumption thanks to a water flow controlling pressostatic valve.

They are fully equipped with a coaxial water condenser, and a manual reset high pressure safety device.

➤ **MANY COMBINATIONS OF INSTALLATION ARE POSSIBLE**

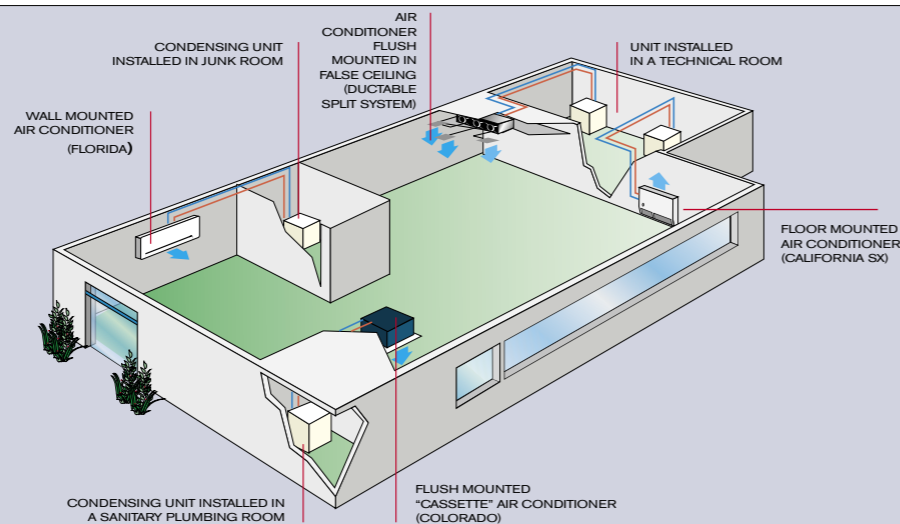
GCAO condensing units can be connected with a large variety of air treatment units. This advantage provides the possibility to adapt the installation to any solution, and to warrant its perfect fitting into the style of the room.

Typical applications



Possible configurations depending on the type of application

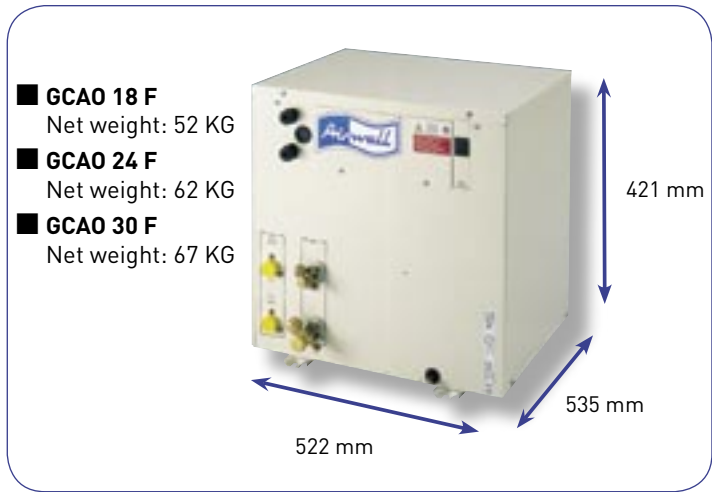
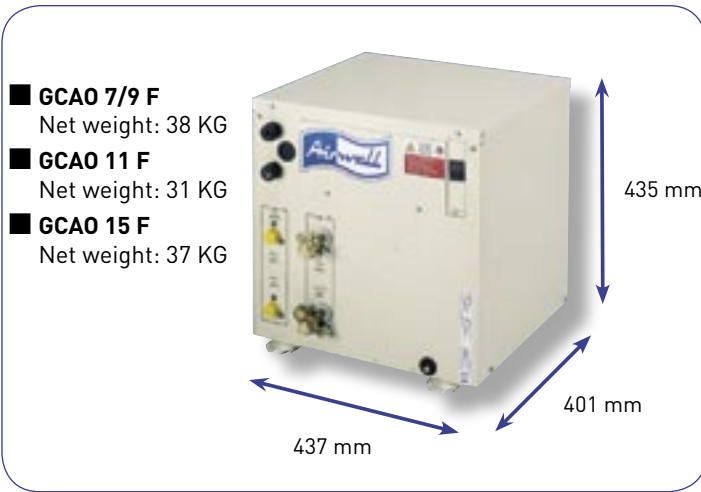
The AIRWELL WATER-COOLED 'SPLIT-SYSTEM' RANGE allows to install an air conditioner fitting perfectly into the room when installation of an outdoor condensing unit is not possible.



Remote control RC4

Indoor Units are equipped with remote control, allowing personalized control of comfort.





SERIE GCAO

GCAO 7 F GCAO 9 F GCAO 11 F GCAO 15 F GCAO 18 F GCAO 24 F GCAO 30 F

Outdoor units

Cooling capacity (1)	kW	2,14	2,64	3,1	4,25	5,23	7	8,5
Power input	kW	0,97	1,17	0,99	1,6	2,145	2,87	3,22
Water flow								
Waste water at + 15°C	l/h	70	100	110	150	185	245	300
Recycled water 26/32°C	l/h	440	540	580	830	1055	1410	1680
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Alternative	Alternative
Refrigerant		R407C						
Acoustic pressure at 4 m (2)	dB(A)	45	45	46	50	51	52	53
Weight	kg	38	38	31	37	52	62	67
Dimensions (WxDxH)	mm	437x401x435	437x401x435	437x401x435	437x401x435	522x421x535	522x421x535	522x421x535
Power supply 1-230 V 50 Hz								
Motor fuse rating (without heating)	A	6	10	6	10	16	25	-
Motor fuse rating (without heating)	mm ²	3x1,5	3x1,5	3x1,5	3x1,5	3x1,5	3x4	-
Electrical connections	mm ²	3x1,5	3x1,5	3x1,5	4x1,5	4x1,5	4x1,5	-
Power supply 3N-400 V 50 Hz								
Motor fuse rating (without heating)	A	-	-	-	-	6	10	12
Power cable section (without heating)	mm ²	-	-	-	-	5x1,5	5x1,5	5x1,5
Electrical connections	mm ²	-	-	-	-	4x1,5	6x1,5	6x1,5
Max. length / Max. height difference	m	10/15	16/15	25/15	25/15	25/15	25/15	25/15
Suction / Liquid pipe	Inchs	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Power supply on		Ext.	Ext.	Ext.	Ext.	Ext.	Ext.	Ext.

Note: values are expressed under a 230 V/50Hz voltage. (1) Nominal cooling capacity: International nominal conditions (NF EN 255.2 / 814.2) - Type A: 27°C/19°C wetbulb Water: 15°C - Pressure: 1 bar. (2) Global acoustic pressure in dB(A) (4m) under nominal conditions: Outdoor unit in open field on open area against a reflecting background.



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