

Climafon

Thermoconvectors
Vertical installation residential use



With fixed grille
(Version G)

With Manual Blade
(Version M)

With Automatic Blade
(Version A)

Aermec presents the brand new natural convection heating system in the **CLIMAFON** system.

CLIMAFON is born from long experience in the heat exchange field gained within the Giordano Riello International Group, a group in which Aermec is the leading company.

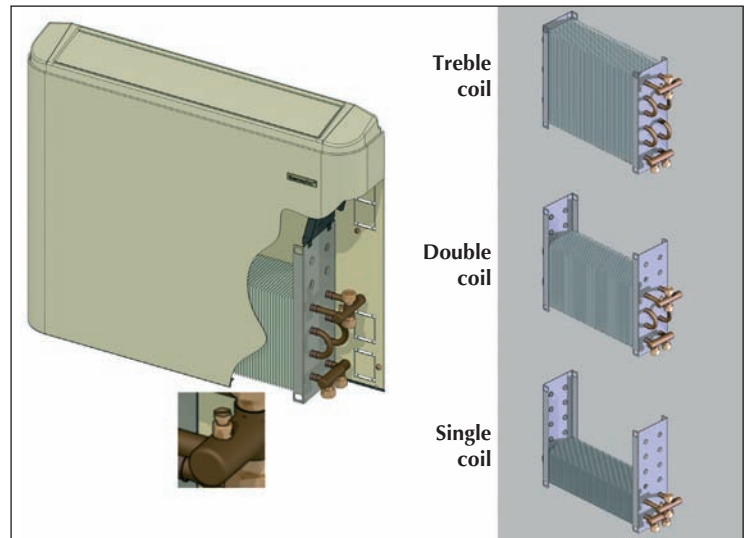
CLIMAFON is a system terminal that works on the basis of natural convection: the air is heated through an exclusive finned exchange and is sent into the room through a flue effect.

Features

- **Enhanced Comfort:** CLIMAFON heats rooms quickly and naturally because it basis its operation on air moved by simple convection. The use of CLIMAFON with low temperature heating systems (heat pump, condensation boiler, geothermal and solar...) ensures that the rooms are heated without drying the air. It causes a pleasant sensation of well-being that helps to survive even the longest and harshest winters in total relaxation.
- **Best quality of the air we breath:** the air temperature of the air leaving CLIMAFON is such as not to allow the toasting of the powder in the environment. The result is healthy, clean air. In addition to our health, winners also include the walls of our house (CLIMAFON spells the end to the blackening of walls typical of radiator systems).
- **Energy saving:** the innovative finned exchanger ensures high energy efficiency thanks the possibility of effective use at low temperatures of the warm supply water.
- **Operation at full capacity achieved more quickly:** CLIMAFON has much smaller water content. This enables it to be very fast in heating times and permits it to be used only where it is useful. The speed it takes CLIMAFON to reach full capacity operation has been checked by TÜV (world leader in product assessment and verification).
- **Greater security:** CLIMAFON's outer surface reaches a top temperature of 43°C, a value that is totally harmless for our body (the risk of burning is nil). Its rounded form without sharp edges makes the room a safer environment especially for children.
- **Greater care to appearance:** the soft flowing, modern and elegant lines give CLIMAFON greater appeal that enables it to be integrated with all types of furnishing whether it is traditional or modern.
- **Easier and faster installation:** CLIMAFON is much lighter than a radiator with the same capacity; just one person is needed to handle and install it quickly and easily on all types of wall. CLIMAFON is fitted with an installation template that means the unit can be assembled after the building work has been completed. Costly masonry work typical of radiator installation is avoided: just four blocks are required for fixing CLIMAFON to the wall.
- **Electronic regulation:** CLIMAFON, in its complete version, has a built in thermostat with temperature that can be regulated by the user. The thermostat controls an interior motor that opens and closes the deflector interrupting the supply of heat. This system is powered by a normal 9 volt battery (a life of up to three years operation before replacement is necessary) that makes CLIMAFON completely autonomous without the need for connection to the mains.

Versions

- Available in four sizes.
- Available versions with fixed grille, manual fin or motorised fin. For the last version, in order to avoid the creation of an electrical system, the unit is controlled by a normal 9V battery (life of up to three years of operation before replacement is necessary).
- The versions available are single coil (2 rows of pipes), double (4 rows of pipes) or treble (6 rows of pipes).



Selection

By combining the various options, each model can be configured.

Code:

CLIMAFON

Size :

1, 2, 3, 4

Coil :

- 1 - Single
- 2 - Double
- 3 - Treble

Grille:

- G - With fixed grille
- M - With manual blade
- A - With motorised blade

Commercial code example: **CLIMAFON 23M**

This is the Climafon unit, size 2 with treble coil and manual blade.

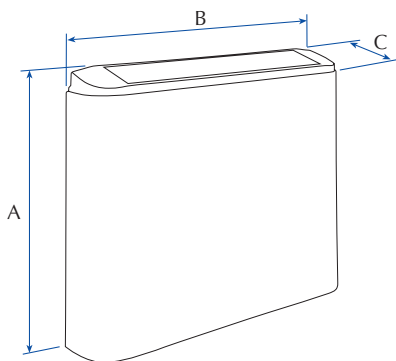
Technical data

Mod. Climafon		11	12	13	21	22	23	31	32	33	41	42	43
Heating capacity	W	700	910	1005	1010	1350	1540	1400	1750	2001	1810	2205	2515
Water flow rate	l/h	60	78	87	87	116	135	120	150	176	156	190	221
Water pressure drop	kPa	0.18	0.22	0.26	0.24	0.50	0.72	0.35	0.95	1.36	0.52	1.31	1.91
Water contents	l	0.4	0.5	0.6	0.5	0.8	1.1	0.6	1.0	1.4	0.7	1.1	1.6
Coil connections	ø	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Rows of pipes	ø	1	2	3	1	2	3	1	2	3	1	2	3

Performance values refer to the following conditions:

- Heating (in accordance with UNI EN 442):
 - room air temperature 20 °C;
 - water inlet temperature 75-65 °C; Δt water 50 °C.

Dimensions (mm)



Mod Climafon		11	12	13	21	22	23	31	32	33	41	42	43
Height	A	675	675	675	675	675	675	675	675	675	675	675	675
Width	B	600	600	600	800	800	800	1000	1000	1000	1200	1200	1200
Depth	C	140	140	140	140	140	140	140	140	140	140	140	140
Weight	kg	11,6	12,1	12,5	14,2	14,9	15,6	17,1	18	18,7	19,9	21	21,9

The technical data in this document are not binding. Aermec S.p.A. reserves the right to make whatever modifications it deems necessary to improve the product at any time.

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