

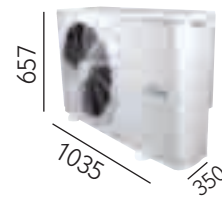
THE AQUALIS 2 RANGE

	Cooling capacity kW	Power input kW	Heating capacity kW	Power input kW	COP	Air flow m³/h	Expansion vessel - contents Liters	Accelerator pump / nb of speeds/ available pressure Kpa	Sound level dB(A)	Supply voltage
AQUALIS 2 Cooling alone										
35T	8,5	3,4				2970	8	3/54	47	400 V 3ph+N 50Hz
50T	11,8	4,4				5100		3/67	45	
65T	14,7	5,0				5980		3/88	48	
75T	17,5	6,4				5820		3/89	50	
AQUALIS 2 Reversible										
20H	5,3	2,0	6,1	1,7	3,6	2540	5	3/52/46	41	230 V 1ph 50Hz
28H	7,1	2,7	8,3	2,2	3,8	2970		3/42/35	46	
35H	8,5	3,7	10,2	2,8	3,6	2970		3/47/38	47	
50 H	13,7	4,0	13,1	2,9	4,2	4950	8	3/64/55	45	400 V 3ph+N 50Hz
35HT	8,5	3,4	10,2	2,6	3,9	2970	5	3/47/38	47	
50HT	11,8	4,4	13,8	3,5	4,0	5100	8	3/62/55	45	
65HT	14,7	5,0	17,2	4,2	4,1	5980		3/84/76	48	
75HT	17,5	6,4	19,4	4,8	4,1	5820		3/80/70	50	

Eurovent - operating conditions
 Chilled water temperature 7°C/12°C Outside air 35°C
 Hot water temperature 35°C/30°C, outside air DB 7°C WB 6°C
 Sound pressure level : 5m from the unit, 1.5 from the ground, free field, directivity 2

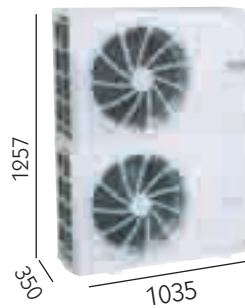


Dimensions mm



Models 20-28-35

Models	mass kg	
	empty	in operation
20	73	82
28	79	88
35	82	91



Models 50-65-75

Models	mass kg	
	empty	in operation
50	120	135
65	145	156
75	140	158



300 l. DHW tank option

This document is non-contractual. As part of its policy of continual product improvement, CIAT reserves the right to make any technical modification it feels appropriate without prior notification.

u n i v e r s a l c o m f o r t



→ Reversible heat pump

Aqualis 2



RESIDENTIAL

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RESIDENTIAL

The heat pump CIAT AQUALIS 2 is the major element of a complete heating and/or cooling system for housing and small tertiary comfort.



Aqualis 2, a complete system for heating and cooling

Aqualis 2's added benefits

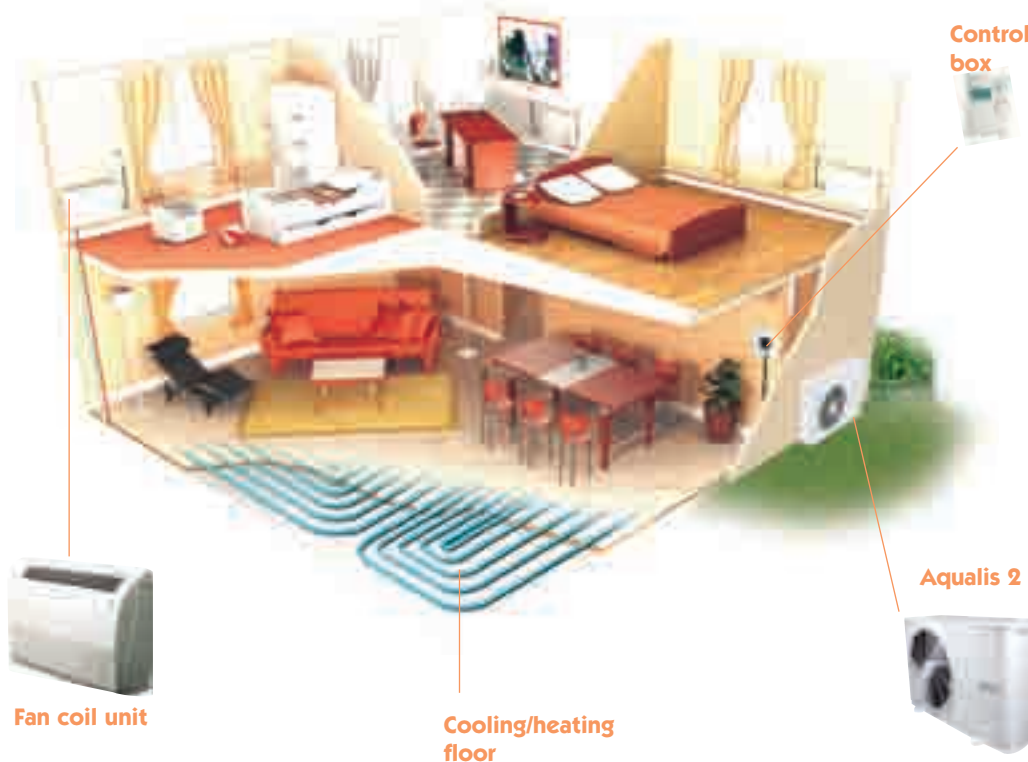
- All the necessary hydraulic components in one compact unit
- High energy efficiency (COP of 3.6 to 4.11)
- UV and corrosion resistant casing with a sleek design
- Withstands outdoor temperatures as low as -15°C



Aqualis 2 clean and safe hot water



- Aqualis 2 does not just heat homes. When combined with its optional hot water tank, it can also meet an entire family's hot water needs. Automatically programmed to operate during off-peak times, it produces hot water at one-quarter the cost of a conventional system.



Fan coil unit

Cooling/heating floor

Control box

Aqualis 2



AQUALIS 2 supplies with hot or cold water a heating/cooling floor, fan coil units type individual emitters or units concealed in false ceiling. AQUALIS 2 can also be installed in relief of a boiler.

- **Comfort :** AQUALIS 2 gives a feeling of exceptional homogeneous comfort in heating as well as in air conditioning.
- **Savings :** With AQUALIS 2, you have access to a heating mode amongst the cheapest on the market. 70% of the calories are produced from the outside air, without cost.
- **Ecology :** By harnessing the calories contained in the outside air, Aqualis 2 consumes little energy while operating and thus preserves the environment. Of course, Aqualis 2 uses a new generation non polluting refrigerant fluid.

Aqualis 2, adapted also to the tertiary field



AQUALIS 2, thanks to its performances, is also adapted to the heating and/or cooling of tertiary premises with an outside space, even reduced : offices, stores, medical consulting rooms, ... The whole CIAT range of fan coil units, with or without

casing, terminal units or cassettes installed in a false ceiling, can be used to adapt to the various work environments.

A model with simple regulation

- The micro-connect control box, off-set by a 2-wire liaison, permits the visualization of the operating parameters, temperatures, settings and adjustments of operating hours.
 - Operation mode selection wheel
 - Retrolighted LCD display
 - Weekling programming with data storage

