

maior 2



RESOLUTELY DESIGN



DISCOVER

ALL THE **+** PLUSES

Its colour white RAL 9010 and its modern and avant-gardiste design, associated with a high level of technology, makes the MAJOR 2 a autonomous air conditioning terminal unit integrated with all environnements

PLUG & PLAY

БЪЛГЪРСКИ

Profit from all of the benefits of the MAJOR 2 after a simple Water and Electricity connection...

The MAJOR 2, either in the **vertical cased** version or in the **horizontal cased** version, is proposed in standard, with a choice of three electronic control devices, factory mounted. No more worries for wiring, the installation only requires simple water and electrical connections.

COIL

КОИЛ

A new geometry of high performance fins...

The MAJOR 2 is equipped with a high performance, very compact coil, in 2-pipe or 4-pipe versions. Thanks to a hatch, the drain is accessible without dismounting the unit. The electrical battery itself, in 2-pipe/2-wire version, consists of monotube heating elements inserted in the aluminium block : the air flow benefits then from an homogeneous diffusion.

Coil is fitted with 40 mm hydraulic connection centres for leakproof quick connection to a 4 way-valve.

ACOUSTICS

ЗВУКОВИ

Maximum silence...

The MAJOR 2 presents a particularly low acoustic level thanks to the optimization of the fan motor assembly. In fact, the enhancement of the centrifugal impellers' diameter (160mm of diameter) permits a low rotation speed of the motor, leading to a minimum residual noise. With the 7 motor speeds, 3 of them pre-wired in factory, this technology lets you benefit from a silent unit meeting all of your expectations. It's used as well in tertiary field than in hotel. Just enjoy the comfort given by our MAJOR 2.

SAFETY

БЕЗОПАСНОСТ

The safety is no longer an option...

When dismounting the filter for maintenance, a safety catch forbids access to the fan motor assembly.

The intake grille is in painted sheet, robust, shock resistant.

The electrical box and the electronic control devices, mounted, wired and tested in factory, ensure a maximum safety.

The electrical heating elements and the temperature limiter inserted in the finned block of the coil guarantee a surface temperature conform to the regulations in force.

MAINTENANCE

ВЪВЕЖАВАНЕ

An easy maintenance ...

The MAJOR 2 has 2 hatches on the upper part, offering direct access to the drain and to the control devices. Two molded notches permit easy handling of the casing, after untightening the two safe fixing screws.

The intake grille, on hinges, can be handled in two steps : just rotate the grille toward you up to the safety catch for filter change. Then the access to the motor terminal box, regulation valves, data plate... is done after unhooking this safety catch.

The CIAT After-Sales Department assists you and ensures, beyond the 10 years legal period, the follow-up of spare parts.



FAN COIL UNIT



silence

3 levels of standard control devices

carefully done design

optimal safety

simplified maintenance

reduced dimensions

and also...

high performance coil

reinforced standard insulation



Cleaness

Intelligent Communication

Conformity

Appropriate CONTROL offer

THE ELECTRONICS ERA

The MAJOR 2 range offers 3 standard electronic control devices levels :

V 3000

The excellence of communicating systems

The V3000 can be connected to the building technical management via the KNX open communication bus. The V3000 gives you the best ratio "Comfort/Exploitation Costs", thanks to the optimization of the energy management while holding the desired temperature in each premises. The V3000 is adapted to the evolvement of premises. Very simple to use, it is proposed with various control boxes, with carefully designed ergonomics.

V 200

The simplified performance

Because of its master/slave function, the V200 authorizes the operation of several units within one room, a "comfort/economy" hourly programming and a window contact.

V 30

The small basic +

Panel of solutions to meet all the requirements of individual regulations. The accuracy of the temperature adjustment improves the comfort..



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Engineering data

	Air Flow (m³/h)	Total cooling output power (kW)	Scalable cooling output power (kW)	2-Pipe heating output power (kW)	4-Pipe heating output power (kW)	Extra electrical heating elements (kW)	Acoustic level (ISO or NEQ)	Motor power input (W)	L x l x H (mm)	Weight (kg)
426 N	GV 365	2.07	1.73	2.38	2.52	600	39	54	740x243x575	24
	MV 235	1.44	1.16	1.62	1.91	ou	27	40		
	PV 105	0.68	0.53	0.75	1.04	1200	<15	31		
428 N	GV 620	3.11	2.69	3.85	3.81	800	41	85	940x243x575	28
	MV 420	2.42	2.00	2.76	3.01	ou	33	60		
	PV 265	1.66	1.32	1.83	2.22	1600	21	49		
430 N	GV 730	3.83	3.20	5.03	5.08	1200	41	92	1140x243x575	36
	MV 495	2.81	2.30	3.59	4.01	ou	32	64		
	PV 310	1.75	1.43	2.30	2.89	2400	18	51		
432 N	GV 940	4.77	3.98	6.43	4.34	1400	41	113	1340x243x575	42
	MV 660	3.81	3.05	4.78	3.50	ou	32	76		
	PV 325	1.74	1.42	2.44	2.15	2800	<15	50		
434 N	GV 1180	5.84	4.96	7.66	5.29	2000	43	127	1540x243x575	50
	MV 905	4.81	3.96	6.12	4.51	ou	36	102		
	PV 475	2.62	2.17	3.40	2.94	4000	23	74		
435 N	GV 1370	6.58	5.70	8.70	5.75	2000	46	159	1540x243x575	50
	MV 1020	5.24	4.31	6.79	4.86	ou	38	105		
	PV 730	4.10	3.33	5.07	3.93	4000	29	85		

Cold water temperature : 7/12°C - Summer air temperature : 27°C - Hot water temperature : 70/60°C - Winter air temperature : 20°C
Comfort levels : 12 dBA acoustic attenuation of room and installation for fan coils 426 to 430 and 14 dBA for fan coils 432 to 435.



CIAT participates in the certification programmes, always keeping in mind the quality and above board factors, in order to guarantee :

- the validity of its technical characteristics
- a common comparison basis on the products through the EUROVENT directory.



With the V3000 control device, CIAT is present on the European "Intelligent Building" market, by using an evolutive communication protocol.



CIAT is in conformity with the CE marking, authorizing a free circulation of its units in all of the European Union territory. This marking is a safety and protection token for persons.

RECOGNIZED INTELLIGENCE



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R E F E R E N C E S



Head office & Factories

Avenue Jean Falconnier - B.P. 14

01350 Culoz - France

Tel. : +33 (0)4 79 42 42 42 - Fax : +33 (0)4 79 42 42 10

e-mail : info@ciat.fr - www.ciat.com

Compagnie Industrielle d'Applications Thermiques

S.A. with a registered capital of 26 000 000 € - R.C.S. Belley B 545 620 114