



CH 41 D

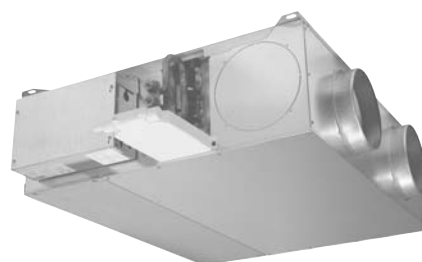


CV 1 D

major 2



NCH I



NCH Y

MAJOR 2 : Design and performance



MAJOR 2 is a independant air conditioning terminal unit for heating and cooling offices and hotels. With reduced dimensions and designed for facilitating maintenance interventions, the **MAJOR 2** adapts to all types of architectures.

MAJOR 2 ensures a thermal comfort to the user thanks to a compact coil with high performances and a very low acoustic level.

New: our residential offer with RESIDENCIAT system.

MAJOR 2 UNITS ARE AVAILABLE :

- either as **Vertical cased** (CV1D)
- or **Horizontal cased** (CH41D).
- or **Horizontal without casing** (NCH), the latest unit in the range which provides a compromise between the MAJOR 300

and the UTA COMPACT. This version has a soundproofed expansion box on the outlet, and can cover static pressures up to 90 Pa.

Two NCH models are available: model I with direct blower and model Y for duct connection.

RANGE

The range includes **6 sizes** covering cooling power ranges from **0.6 to 8 kW**.

MAJOR 2 has 7 operating speeds, three of which are hard wired in the factory. In the standard version, the fan speeds and electrical elements (in 2-pipe + 2-wire version) are available on a terminal block without control unit. MAJOR 2 is easy to use, and can be fitted with optional factory fitted and tested CIAT electronic regulation systems to improve control over comfort and expenditure:

- MAJOR 2 with V20/A electronic control.
- MAJOR 2 with V20/C electronic control.
- MAJOR 2 with V200 electronic control.
- MAJOR 2 with V2000® electronic control.

In this configuration, simply connect the water and electricity and immediately feel the benefits of the **MAJOR 2** unit.

* see terminal units controls



CIAT takes part in the EUROVENT fan coil unit certification program. The list of products and certified characteristics is given in the EUROVENT directory and on the web site www.eurovent-certification.com

QUALITY DESCRIPTION

Casing

■ CV1D & CH41D

Plain white RAL 9010 colour
Flanges, traps and discharge grille in ABS + PC.
Two traps giving access, without dismantling the casing, to the air vent and to the control terminal (accessory).
Front face and chevron in pre-enamelled sheet metal.
New monobloc intake grille in perforated sheet metal (available in the course of 2005)

■ NCH

Galvanized sheet metal
Insulation in melamine resin, open cells flexible foam, with aluminium film, M1, 10 mm thick.
Pre-cut hole for treated fresh air.
Sound-proofed expansion box integrated in the unit
Bottom inspection panels for access and dismantling of the unit main components.

Water coil (2 or 4-pipe system)

New concept of high performance compact coil, with a new geometry fin.
Galvanized sheet metal
Copper tubes, continuous fins in aluminium
Hydraulic connectors of coils piping with 40 mm between axis.
Connections on the left (or right for NCH) of the unit, facing the discharge.
Air vent and drain integrated with coils
Nominal pressure : 16 bar (at 20°C)
Test pressure 24 Bar.
Max water temperature : 110 °C (PN 10)

Electrical battery (2-pipe system + electric)

230/1/50 monotubes electrical elements inserted in the aluminium block
Capillary type temperature limiter, manual reset, inserted in the aluminium block

Condensates recovery tray

■ CV1D et CH41D

External reinforced insulation in the standard version
Auxiliary drain pan (CH41D)
Reclined to avoid water retention
Diam. 16mm discharge

CONTROL DEVICES

Range of wall-mounted electromechanical thermostats
V20 and V200 electronic range

ACCESSORIES

■ CV1D & CH41D

Rubber elbow at 90° for condensates outlet underneath the unit.
Support feet for pipework passage on the sides.
Rear support for passage of skirting board 55 or 70 mm thick and 110 mm max height.
Condensate pump (CH 41 D).
Touching up pen

■ NCH

Polymer material drain pan
Without water retention, evacuation to the same level of the drain pan bottom, inclined.
Evacuation connectors manually reversible between the front and the rear.
4 evacuation diameters : 15, 16, 22 or 28 mm in standard.

Fan motor assembly

■ Motor

7 speeds, 3 are pre-wired in factory (possibility of modifying this wiring on site).
Enclosed type, tropicalized, Class B with protected shaft.
Permanent capacitor
Automatic thermal protector with standard opening on the coil
Resilient mounts
Electrical supply 230/1/50.
Reduced electrical consumption.

■ Fan(s)

Galvanized sheet metal casing
Double inlet aluminium impeller(s), action type, dynamically Balanced.

Air filter

Positioned on the fan coil intake
Flexible filtering media in polyester fibers, cleanable
Efficiency Class CEN EN 779 : G3.
Fire resistance : M1.

Support frame

■ CV1D & CH41D

Stud holes on the rear panel facilitating its fixation to the wall.
Rear panel in galvanized sheet metal
Two flanges in PC loaded with glass fiber (for increased resistance).

■ NCH

Upper panel with fixation oblongs.

Electrical box

Integrated to the right flange of the frame (CV1D).
Enclosed box on the hydraulic connections side (NCH).
Electrical connection terminal box on DIN railing as per EN 50022- 7.5 mm depth.
Cables stops for customer's connection.

Nota : Refer to installation brochures for further informations.

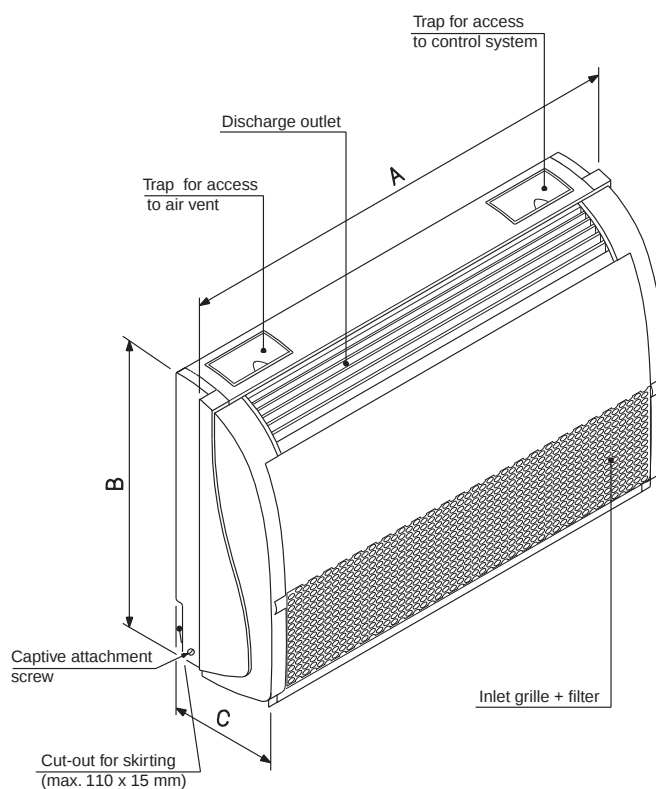
V2000® communicating electronic range
Residential control: RESIDENCIAT system

■ NCH

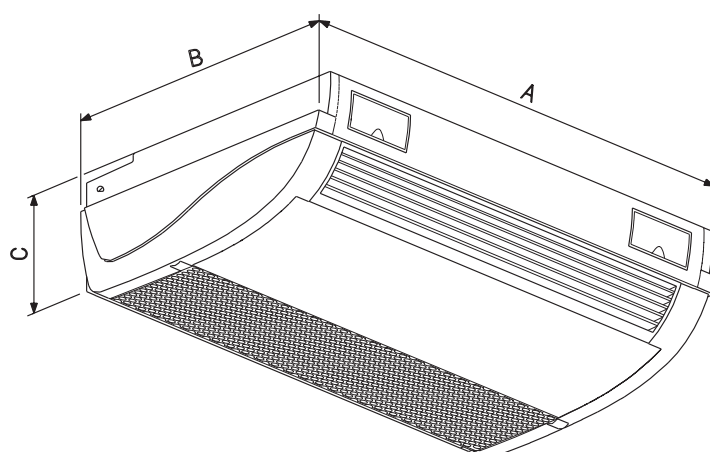
Extra diam 200 discharge sleeve (NCH Y).
Intake sleeve for connection to a rectangular duct.
Recovery plenum with diam. 200 mm intake inlets for ducting
Diam. 100 mm smooth sleeve for treated fresh air inlet
Diam. 100 mm smooth sleeve with self-adjustable module for treated fresh air inlet
Resilient mounts for fixations
Condensates draining pump

DIMENSIONS CV 1D - CH 41 D

Vertical cased model CV 1 D

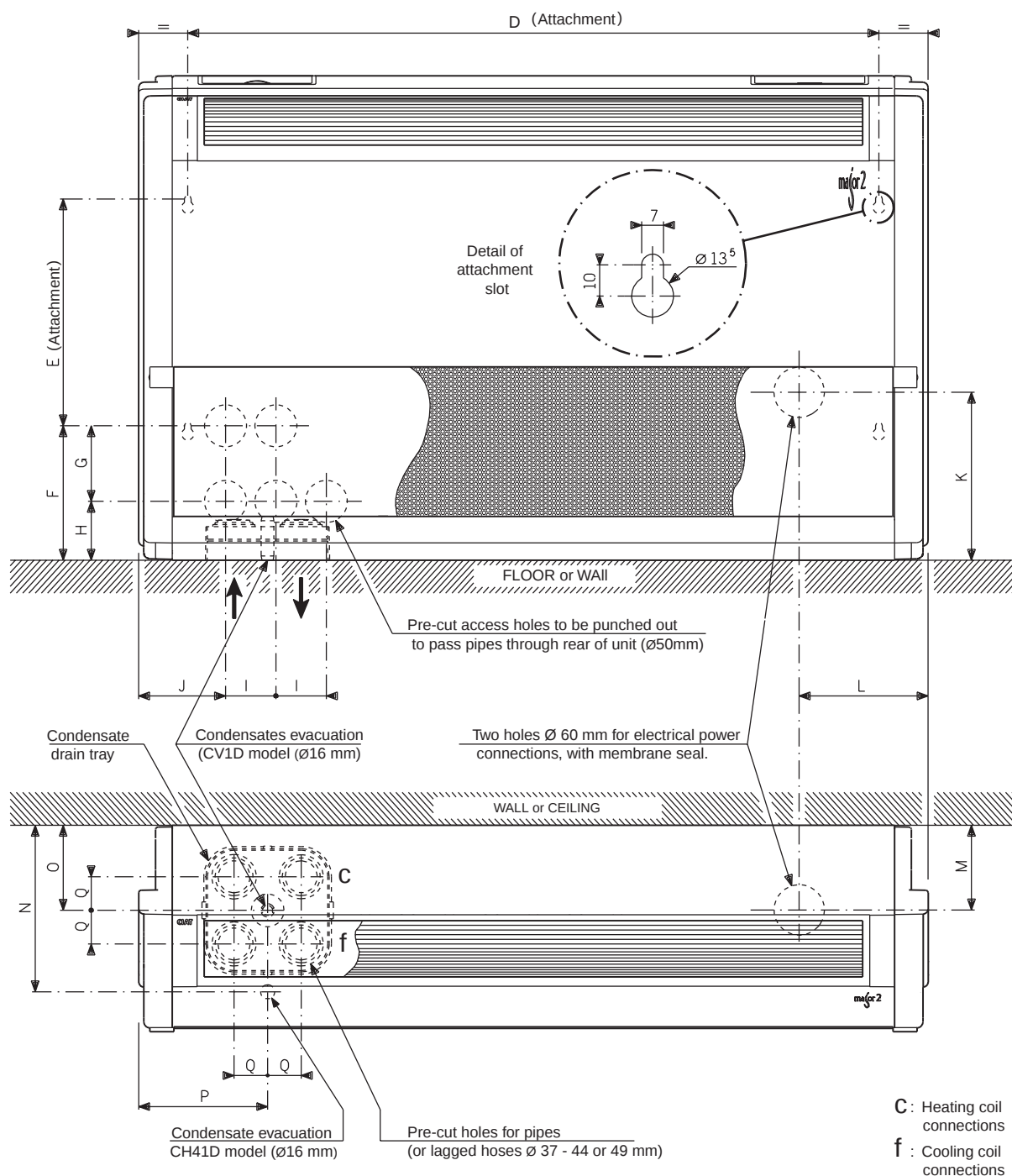


Horizontal cased model CH 41 D



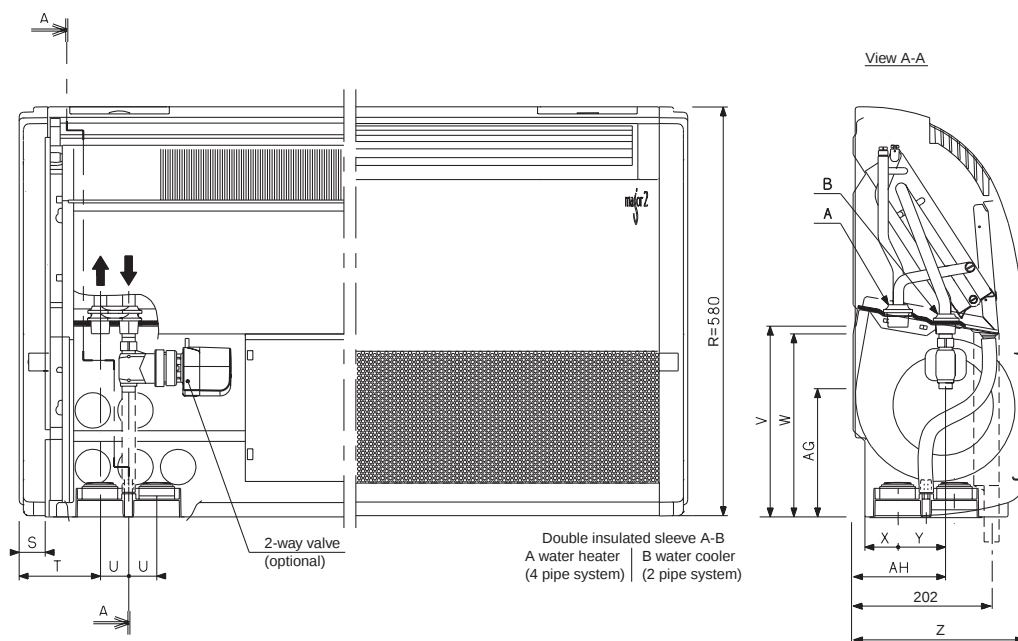
MAJOR 2 CV 1 D / CH 41 D	A	B	C	Mass kg	Dimensional drawing
426	740	580	243	24	5976194
428	940		243	28	
430	1140		243	36	
432	1340		243	42	
434	1540		243	50	
435	1540		243	50	

ATTACHMENT POINTS AND SUPPLY ROUTING CV 1D -CH 41 D

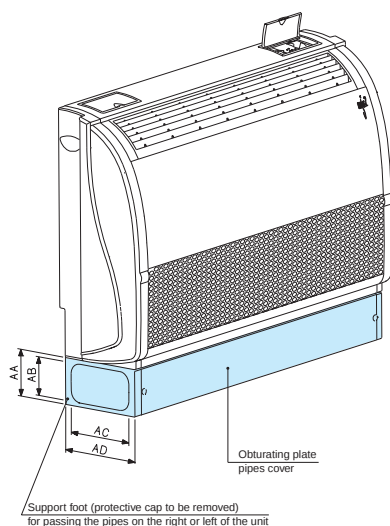


MAJOR 2 CV 1 D / CH 41 D	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
426	623													
428	823													
430	1023	270	160	90	70	60	103,5	200	153,5	102	200	104	154	40
432	1223													
434	1423													
435	1423													

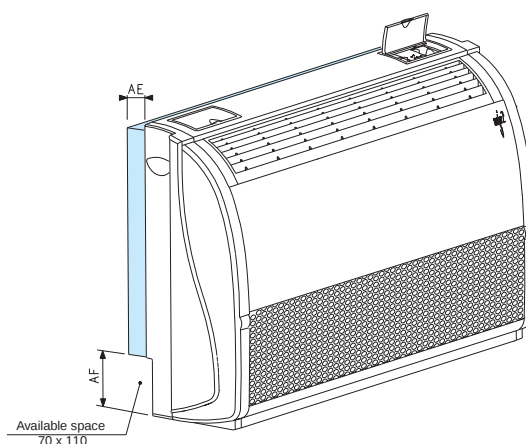
SUPPLY CONNECTIONS AND PASSAGE (2 OR 4-PIPE)



Support base and pipe cover (accessories)



Rear support for skirting board passage (accessories)

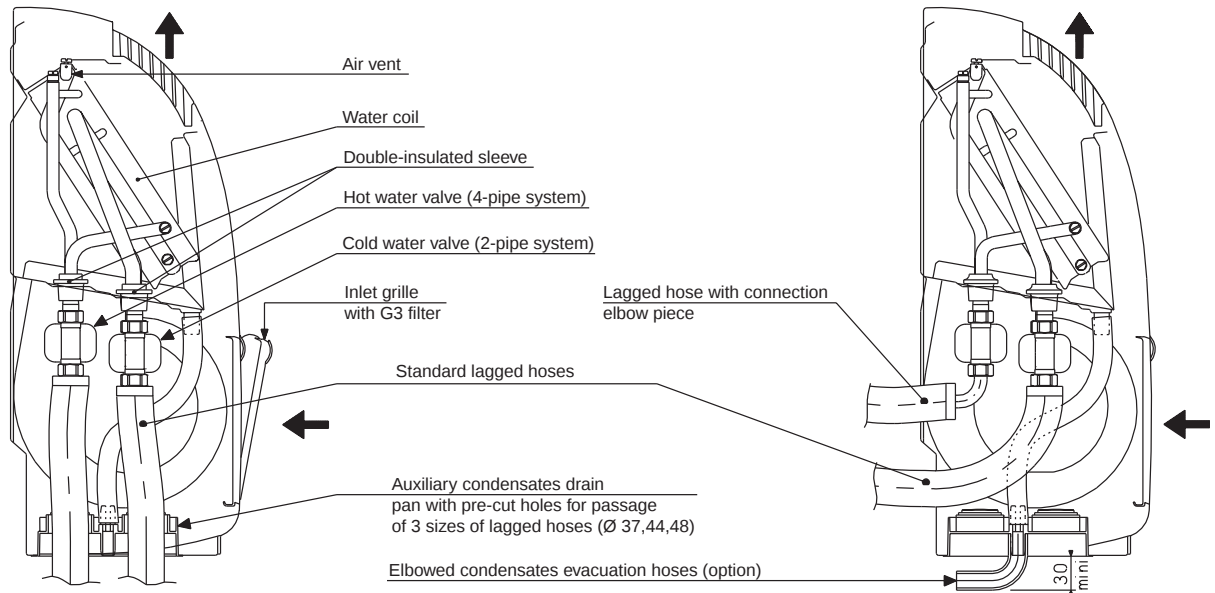


MAJOR 2 CV 1 D / CH 41 D	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
426																	
428																	
430	580	37	114	40	269	258	64	68	243	110	90	164	202	55	110	187	147
432																	
434																	
435																	

HYDRAULIC CONNECTIONS (EXAMPLES) CV 1 D - CH 41 D

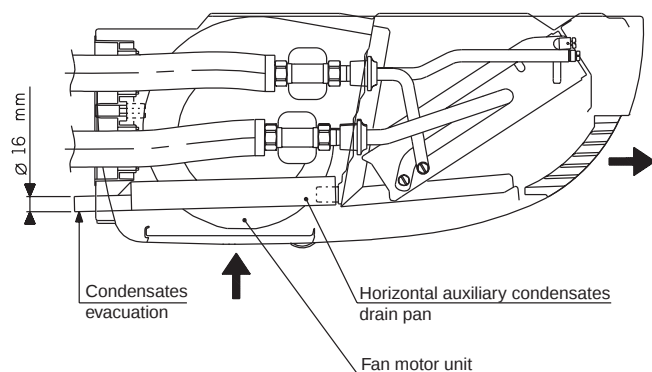
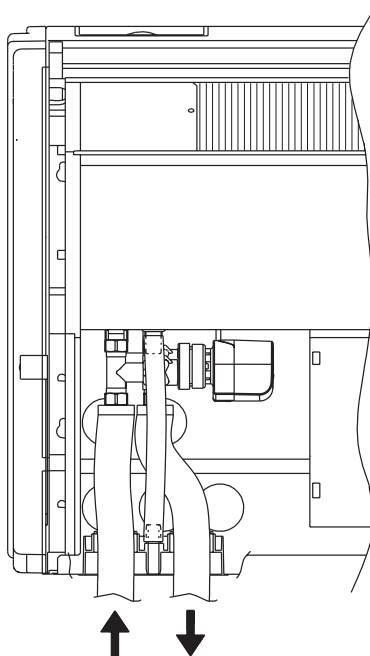
CV 1 D with connectors below

CV 1 D with connectors at rear

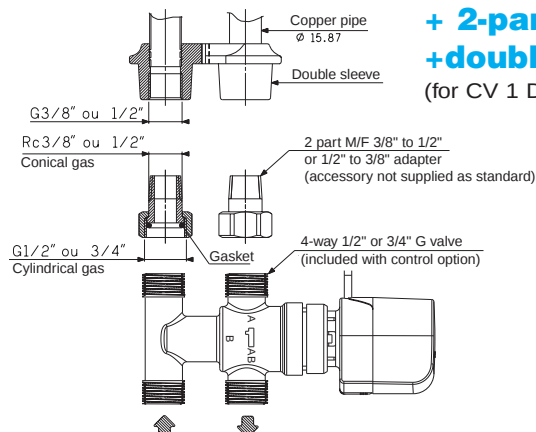


CV 1 D with connectors below

CH 41 D with connectors at rear

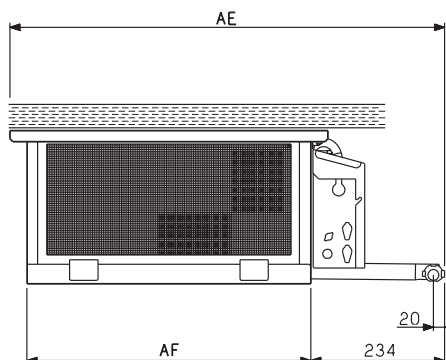
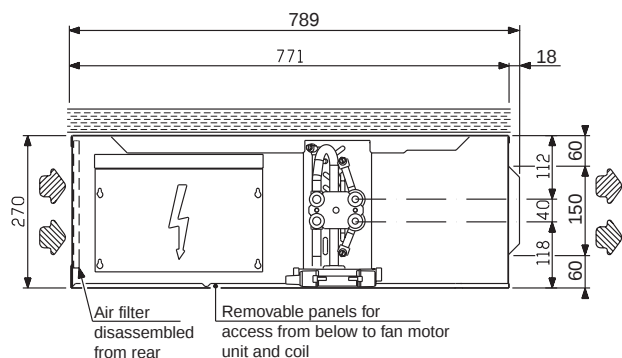


Assembly details for valve + 2-part connector + double sleeve (for CV 1 D, CH 41 D and NCH)

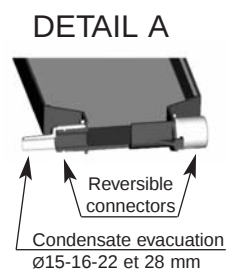
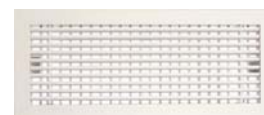
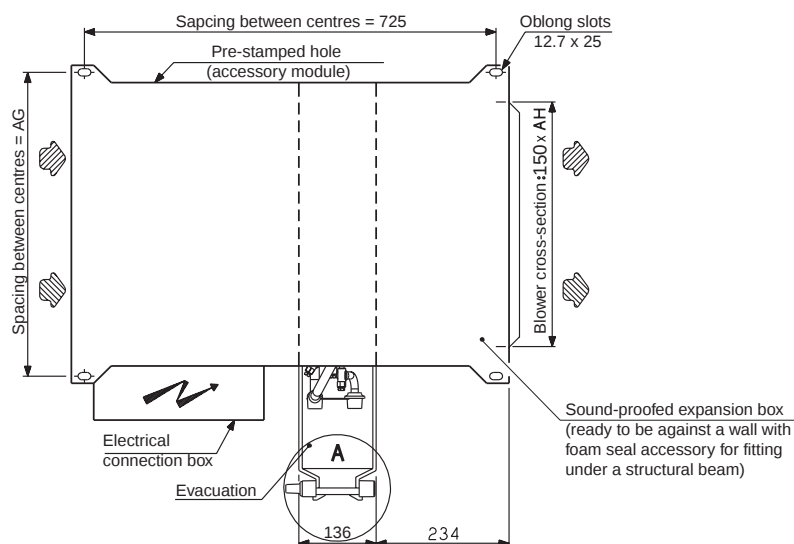


Nota : These assemblies above are presented as examples with valves fitted (optional) and lagged hoses (not supplied as standard).

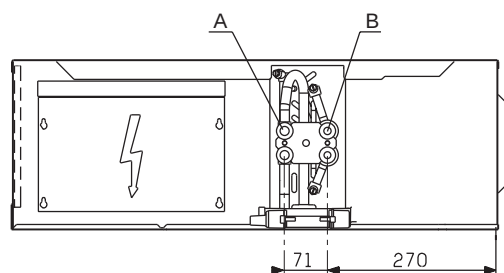
DIMENSIONS OF NCH MODEL I WITH DIRECT BLOWER



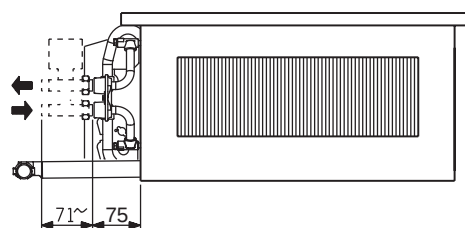
NOTE : for satisfactory operation make sure to respect a distance > 250 mm at the unit intake



Hydraulic connections

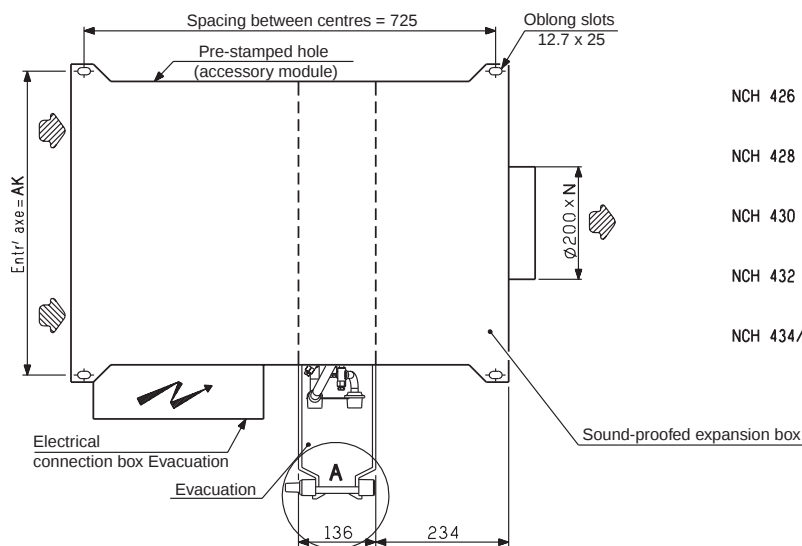
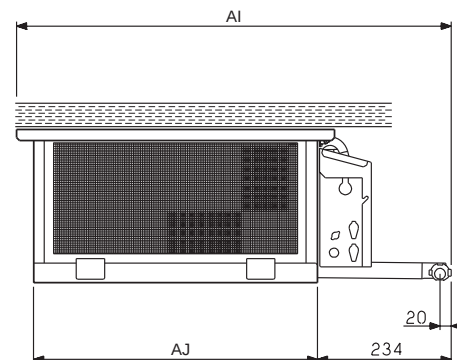
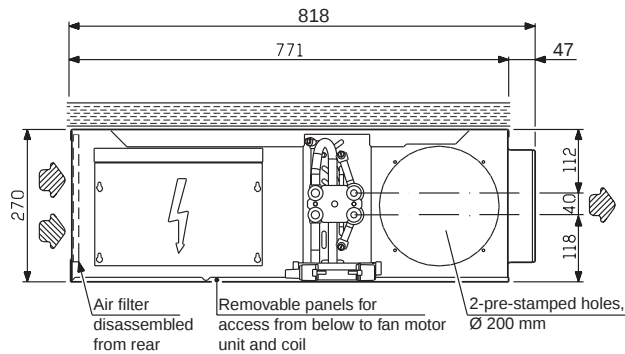


Double sleeve **A-B**
A water cooler (2 pipe system) | B water heater (4 pie system)



MAJOR 2 NCH model I	AE	AF	AG	AH	Mass kg	Dimensional drawing
426	765	505	535	400	26	7065443
428	965	705	735	600	30	
430	1165	905	935	800	40	
432	1365	1105	1135	1000	46	
434 / 435	1565	1305	1335	1200	54	

DIMENSIONS OF NCH MODEL Y FOR DUCT CONNECTION

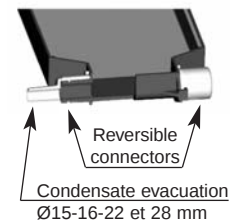


PLENUM TYPES Ø200 shell(s)

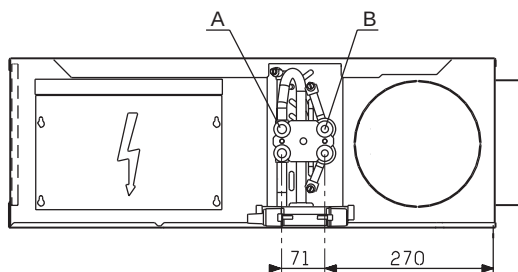
NCH 426	
NCH 428	
NCH 430	
NCH 432	
NCH 434/435	

Max air flow rate advised by
Ø200 outlet : 400 m³/h
* See user's brochure for
aerualic balance

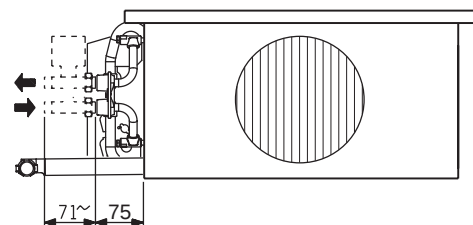
DETAIL A



Hydraulic connections



Double sleeve A-B
A water cooler (2 pipe system) B water heater (4 pie system)

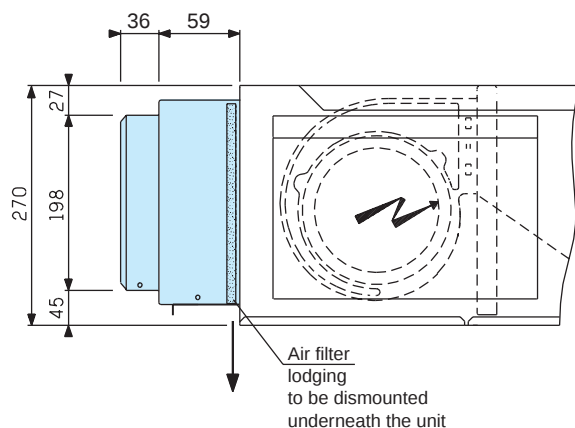


NOTE : for satisfactory operation make sure to
respect a distance > 250 mm at the unit intake

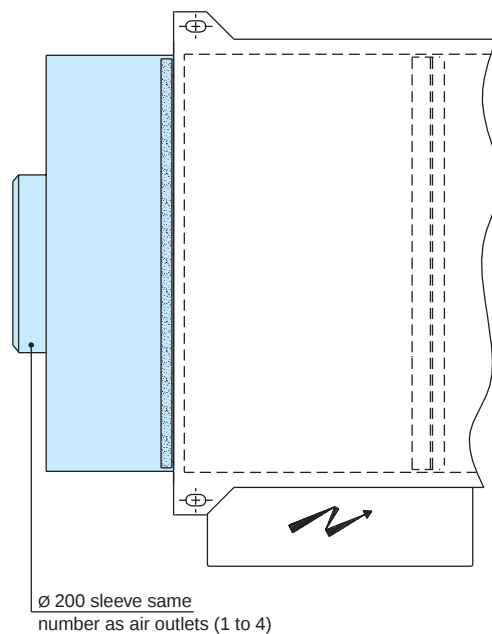
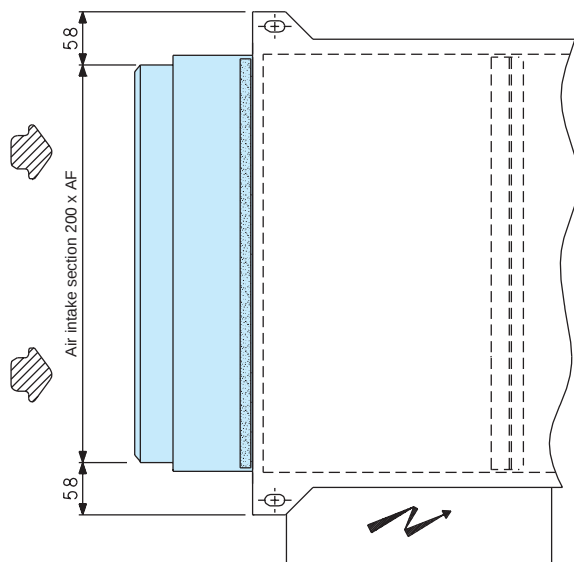
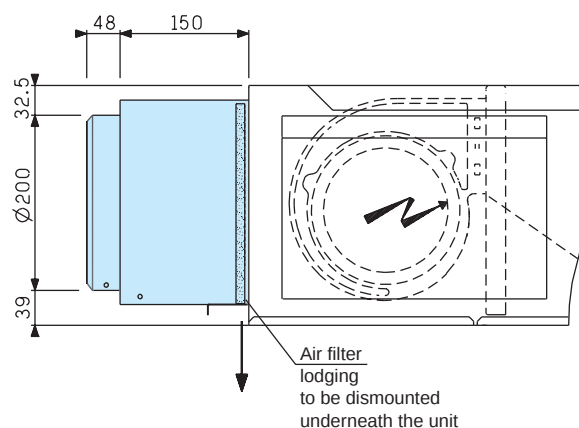
MAJOR 2 NCH model Y	AI	AJ	AK	Mass kg	Dimensional drawing
426	765	505	535	26	5976176
428	965	705	735	30	
430	1165	905	935	40	
432	1365	1105	1135	46	
434 / 435	1565	1305	1335	54	

DIMENSIONS OF NCH ACCESSORIES

Recovery sleeve, smooth sheet metal, rectangular, without insulation



Recovery plenum, smooth sheet metal, lisse Ø 200 mm, without insulation

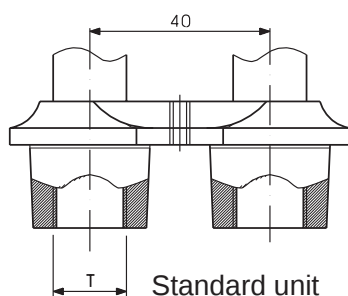


Max air flow rate recommended for Ø 200 outlet : 400 m³/h

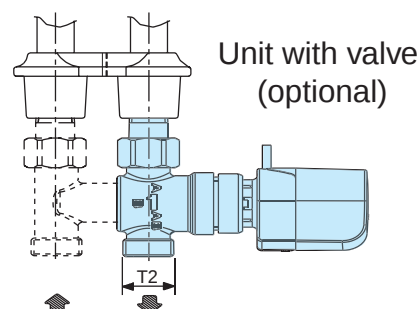
NOTA : for specific mountings, without filter at unit intake, consult us.

MAJOR 2 NCH	AF
426	450
428	650
430	850
432	1050
434 / 435	1250

TECHNICAL CHARACTERISTICS



Standard unit



Unit with valve (optional)

Pipe diameter at outlets (trapped fittings)

The diameters of the female tapped fittings on coil connections pipes are standardised as below (see dimension drawing T)

MAJOR 2		426	428	430	432	434	435
2- pipe sytem	Heating or cooling coil	3/8 "	3/8 "	3/8 "	3/8 "	1/2 "	1/2 "
	Cooling coil	3/8 "	3/8 "	3/8 "	3/8 "	1/2 "	1/2 "
4- pipe sytem	Heating coil	3/8 "	3/8 "	3/8 "	3/8 "	3/8 "	3/8 "

Diameters of valve outlets (threaded connections)

The diameters of the valves male threaded connections are standardised as above (see dimension drawing T2)

MAJOR 2		426	428	430	432	434	435
2- pipe sytem	Heating or cooling coil	1/2 "	1/2 "	1/2 "	1/2 "	3/4 "	3/4 "
	Cooling coil	1/2 "	1/2 "	1/2 "	1/2 "	3/4 "	3/4 "
4- pipe sytem	Heating coil	1/2 "	1/2 "	1/2 "	1/2 "	1/2 "	1/2 "

For units fitted with customer control valves, an intermediate two-part male/female connector is needed between the coil connector and the valve(s). This connector is available as an accessory (1, 2 or 4 connectors are required depending on the configuration (2 or 4-pipe) and the valve type (2-way or 4-way) - consult us).

When a CIAT valve-based control system is used, the two-part connector is integrated in the control loop.

Heater / cooler capacity (in litres)

MAJOR 2		426	428	430	432	434	435
2- pipe sytem	Heating or cooling coil	0,53	0,76	0,99	1,32	1,58	1,58
	Cooling coil	0,53	0,76	0,99	1,32	1,58	1,58
4- pipe sytem	Heating coil	0,13	0,13	0,25	0,20	0,24	0,24

Motor electrical characteristics (230/1/50)

MAJOR 2	Motor ref.	426	428	430	432*	434	435
Absorbed power (W)	R1	76	105	112	115	161	166
	R2	64	89	92	95	140	143
	R3	54	74	78	76	123	123
	R4	45	62	64	63	106	106
	R5	41	57	57	57	97	96
	R6	37	51	50	50	88	85
	R7	33	45	47	45	79	76
Absorbed Current (A)	R1	0,33	0,44	0,48	0,49	0,67	0,72
	R2	0,28	0,37	0,4	0,4	0,58	0,62
	R3	0,24	0,31	0,34	0,33	0,52	0,54
	R4	0,2	0,27	0,28	0,28	0,45	0,47
	R5	0,18	0,25	0,25	0,26	0,4	0,43
	R6	0,16	0,23	0,23	0,23	0,37	0,38
	R7	0,15	0,21	0,22	0,21	0,34	0,34

* Size 432SP characteristics are identical of those of size 435

PERFORMANCES FOR CASED MODEL

Cold water temperature: **7 / 12 °C**, summer air: **27 °C 50 % RH** - Hot water temperature: **90 / 70 °C**, winter air: **19 °C**.

MAJOR 2 CV1D CH41D	Motor ref.	Air flow m³/h	Heating capacity 2-pipe system W	Cooling capacity W		Heating capacity 4-pipe system W	ISO or NR comfort level	Average air temperature rise in K (1) Auxiliary electric elements 230 / 1 / 50			
				Totale	Sensible			1 R		2R	
426	R1	420	6 420	2 580	1 880	3 790	44	600 W	4,2	1200 W	8,5
	R2	375	5 810	2 330	1 690	3 550	42		4,8		9,5
	R3	330	5 220	2 090	1 510	3 300	39		5,4		10,8
	R4	280	4 530	1 820	1 300	2 990	34		6,4		12,7
	R5	220	3 660	1 470	1 050	2 560	28		8,1		16,2
	R6	165	2 820	1 130	804	2 110	21		10,8		21,6
	R7	115	2 020	798	571	1 610	14		15,5		31,0
428	R1	640	9 500	3 780	2 750	5 400	45	800 W	3,7	1600 W	7,4
	R2	555	8 390	3 330	2 410	4 970	42		4,3		8,6
	R3	475	7 340	2 910	2 090	4 530	38		5,0		10,0
	R4	400	6 330	2 510	1 790	4 080	34		5,9		11,9
	R5	320	5 250	2 060	1 460	3 560	29		7,4		14,9
	R6	260	4 330	1 680	1 190	3 090	24		9,1		18,3
	R7	200	3 440	1 300	928	2 590	18		11,9		23,8
430	R1	800	13 200	4 870	3 730	7 520	43	1200 W	4,5	2400 W	8,9
	R2	675	11 400	4 200	3 190	6 810	40		5,3		10,6
	R3	565	9 770	3 600	2 710	6 110	35		6,3		12,6
	R4	460	8 140	2 980	2 230	5 360	31		7,7		15,5
	R5	370	6 680	2 420	1 800	4 640	25		9,6		19,3
	R6	280	5 170	1 840	1 370	3 810	19		12,7		25,5
	R7	210	3 950	1 410	1 040	3 080	13		17,0		33,9
432	R1	900	15 100	6 080	4 290	5 800	40	1400 W	4,6	2800 W	9,2
	R2	740	12 800	5 150	3 600	5 170	36		5,6		11,2
	R3	640	11 200	4 490	3 130	4 710	32		6,5		13,0
	R4	530	9 510	3 800	2 640	4 200	27		7,8		15,7
	R5	410	7 540	2 960	2 060	3 520	19		10,1		20,3
	R6	310	5 830	2 210	1 550	2 870	13		13,4		26,8
	R7	220	4 240	1 620	1 130	2 210	11		18,9		37,8
434	R1	1225	19 300	7 150	5 130	7 450	44	2000 W	4,8	4000 W	9,7
	R2	1120	17 800	6 650	4 760	7 080	42		5,3		10,6
	R3	985	16 000	5 990	4 260	6 570	39		6,0		12,1
	R4	850	14 100	5 310	3 760	6 010	35		7,0		14,0
	R5	715	12 100	4 580	3 230	5 390	31		8,3		16,6
	R6	580	10 000	3 800	2 690	4 700	27		10,2		20,5
	R7	440	7 790	2 920	2 080	3 880	22		13,5		27,0
435	R1	1300	20 300	7 490	5 390	7 700	46	2000 W	4,6	4000 W	9,1
	R2	1165	18 500	6 860	4 910	7 240	43		5,1		10,2
	R3	1045	16 800	6 270	4 470	6 790	41		5,7		11,4
	R4	940	15 300	5 740	4 080	6 380	38		6,3		12,6
	R5	820	13 600	5 140	3 640	5 870	34		7,2		14,5
	R6	690	11 700	4 410	3 120	5 260	30		8,6		17,2
	R7	560	9 700	3 670	2 590	4 590	26		10,6		21,2

Table with acoustic attenuation of room and facility of 12 dB for MAJOR 2 CV1D and CH41D models 426 to 430 and 14 dB for models 432 and 435.

(1) Be careful, the air jet temperature must not exceed 65°C. (CIAT recommendation).

 Factory wiring

PERFORMANCES WITHOUT CASING MODEL

Cold water temperature: 7 / 12 °C, summer air: 27 °C 50 % RH - Hot water temperature: 90 / 70 °C, winter air: 19 °C.

MAJOR 2 NCH	Motor ref.	Air flow m³/h	Available static pressure Pa (1)	Heating capacity 2-pipe system W	Cooling capacity W		Heating capacity 4-pipe system W	ISO or NR comfort level	Average air temperature rise in K (1) Auxiliary electric elements 230 / 1 / 50			
					Totale	Sensible			1 R		2R	
426	R1	420	40	6 420	2 580	1 880	3 790	35	600 W	4,2	1200 W	8,5
	R2	375		5 810	2 330	1 690	3 550	32		4,8		9,5
	R3	330		5 220	2 090	1 510	3 300	29		5,4		10,8
	R4	280		4 530	1 820	1 300	2 990	25		6,4		12,7
	R5	220		3 660	1 470	1 050	2 560	20		8,1		16,2
	R6	165		2 820	1 130	804	2 110	14		10,8		21,6
	R7	115		2 020	798	571	1 610	6		15,5		31,0
428	R1	640	40	9 500	3 780	2 750	5 400	36	800 W	3,7	1600 W	7,4
	R2	555		8 390	3 330	2 410	4 970	32		4,3		8,6
	R3	475		7 340	2 910	2 090	4 530	28		5,0		10,0
	R4	400		6 330	2 510	1 790	4 080	24		5,9		11,9
	R5	320		5 250	2 060	1 460	3 560	20		7,4		14,9
	R6	260		4 330	1 680	1 190	3 090	15		9,1		18,3
	R7	200		3 440	1 300	928	2 590	9		11,9		23,8
430	R1	800	40	13 200	4 870	3 730	7 520	36	1200 W	4,5	2400 W	8,9
	R2	675		11 400	4 200	3 190	6 810	33		5,3		10,6
	R3	565		9 770	3 600	2 710	6 110	29		6,3		12,6
	R4	460		8 140	2 980	2 230	5 360	24		7,7		15,5
	R5	370		6 680	2 420	1 800	4 640	20		9,6		19,3
	R6	280		5 170	1 840	1 370	3 810	15		12,7		25,5
	R7	210		3 950	1 410	1 040	3 080	8		17,0		33,9
432	R1	900	40	15 100	6 080	4 290	5 800	33	1400 W	4,6	2800 W	9,2
	R2	740		12 800	5 150	3 600	5 170	28		5,6		11,2
	R3	640		11 200	4 490	3 130	4 710	24		6,5		13,0
	R4	530		9 510	3 800	2 640	4 200	20		7,8		15,7
	R5	410		7 540	2 960	2 060	3 520	15		10,1		20,3
	R6	310		5 830	2 210	1 550	2 870	11		13,4		26,8
	R7	220		4 240	1 620	1 130	2 210	8		18,9		37,8
434	R1	1225	40	19 300	7 150	5 130	7 450	36	2000 W	4,8	4000 W	9,7
	R2	1120		17 800	6 650	4 760	7 080	34		5,3		10,6
	R3	985		16 000	5 990	4 260	6 570	31		6,0		12,1
	R4	850		14 100	5 310	3 760	6 010	28		7,0		14,0
	R5	715		12 100	4 580	3 230	5 390	25		8,3		16,6
	R6	580		10 000	3 800	2 690	4 700	21		10,2		20,5
	R7	440		7 790	2 920	2 080	3 880	16		13,5		27,0
435	R1	1300	40	20 300	7 490	5 390	7 700	37	2000 W	4,6	4000 W	9,1
	R2	1165		18 500	6 860	4 910	7 240	35		5,1		10,2
	R3	1045		16 800	6 270	4 470	6 790	33		5,7		11,4
	R4	940		15 300	5 740	4 080	6 380	30		6,3		12,6
	R5	820		13 600	5 140	3 640	5 870	27		7,2		14,5
	R6	690		11 700	4 410	3 120	5 260	23		8,6		17,2
	R7	560		9 700	3 670	2 590	4 590	19		10,6		21,2

(1) For higher available pressure, consult us. 40 Pa is the medium static pressure to the nominal air flow rate of an aeraulic network ducted to the inlet and the outlet. In care of the unit is not ducted to the inlet, add 6 dB to the above comfort levels.

(2) Be careful, the air jet temperature must not exceed 65°C. (CIAT recommendation)

Factory wiring

Basic unit with fan motor and electric elements (if required) connected to terminal block, without speed control, equipped with a Eurovent G3 class filter.

MAJOR 2 CARROSSE		STANDARD UNIT (FAN assembly wired on block)				
		Water coil only Left sockets		Water coil + electric element Left sockets		
		2- pipe system (2)	4- pipe system	2- pipe + 2 wire system (1)		
				1 element	2 elements	
CV 1 D	426	Code	7063569	7063581	600 W 7063593	1200 W 7063605
		.	■	■	■	■
	428	Code	7063570	7063582	800 W 7063594	1600 W 7063606
		.	■	■	■	■
	430	Code	7063571	7063583	1200 W 7063595	2400 W 7063607
		.	■	■	■	■
	432	Code	7063572	7063584	1400 W 7063596	2800 W 7063608
		.	■	■	■	■
	434	Code	7063573	7063585	2000 W 7063597	4000 W 7063609
		.	■	■	■	■
	435	Code	7063574	7063586	2000 W 7063598	4000 W 7063610
		.	■	■	■	■
CH 41 D	426	Code	7063575	7063587	600 W 7063599	1200 W 7063611
		.	■	■	■	■
	428	Code	7063576	7063588	800 W 7063600	1600 W 7063612
		.	■	■	■	■
	430	Code	7063577	7063589	1200 W 7063601	2400 W 7063613
		.	■	■	■	■
	432	Code	7063578	7063590	1400 W 7063602	2800 W 7063614
		.	■	■	■	■
	434	Code	7063579	7063591	2000 W 7063603	4000 W 7063615
		.	■	■	■	■
	435	Code	7063580	7063592	2000 W 7063604	4000 W 7063616
		€	■	■	■	■

(1) For the operation of the MAJOR 2 CV 1D or CH 41D with 2 elements, CIAT recommends to use a PI control device, with time-proportional management of the electric heater and post-ventilation required when the unit is switched off.

(2) Units are on stock to meet your requirements in the shortest time limits.

CIAT declines any responsibility in the event of non-use of a V20/C, V200 and V2000 control unit with MAJOR 2 CV 1D or CH 41D units equipped with two electric elements.

See control pages for a complete offer : terminal unit + control

MAJOR 2 HORIZONTAL WITHOUT CASING		STANDARD UNIT								
		Water coil only				Water coil + electric element				
		Left sockets		Right sockets		Left sockets 2- pipe + 2 wire system		Right sockets 2- pipe + 2 wire system		
		2- pipe system	4- pipe system	2- pipe system	4- pipe system	1 element	2 elements	1 element	2 elements	
NCH Model I direct blowing	426	Code	5877000	5877024	5877006	5877030	600 W 5877048	+ 1200 W 5877072	+ 600 W 5877054	+ 1200 W 5877078
		.	■	■	■	■	■	■	■	■
	428	Code	5877001	5877025	5877007	5877031	+ 800 W 5877049	+ 1600 W 5877073	+ 800 W 5877055	+ 1600 W 5877079
		.	■	■	■	■	■	■	■	■
	430	Code	5877002	5877026	5877008	5877032	+ 1200 W 5877050	+ 2400 W 5877074	+ 1200 W 5877056	+ 2400 W 5877080
		.	■	■	■	■	■	■	■	■
	432*	Code	5877003	5877027	5877009	5877033	+ 1400 W 5877051	+ 2800 W 5877075	+ 1400 W 5877057	+ 2800 W 5877081
		.	■	■	■	■	■	■	■	■
	434	Code	5877004	5877028	5877010	5877034	+ 2000 W 5877052	+ 4000 W 5877076	+ 2000 W 5877058	+ 4000 W 5877082
		.	■	■	■	■	■	■	■	■
	435	Code	5877005	5877029	5877011	5877035	+ 2000 W 5877053	+ 4000 W 5877077	+ 2000 W 5877059	+ 4000 W 5877083
		.	■	■	■	■	■	■	■	■
NCH Model Y for duct connection	426	Code	5877012	5877036	5877018	5877042	+ 600 W 5877060	+ 1200 W 5877084	+ 600 W 5877066	+ 1200 W 5877090
		.	■	■	■	■	■	■	■	■
	428	Code	5877013	5877037	5877019	5877043	+ 800 W 5877061	+ 1600 W 5877085	+ 800 W 5877067	+ 1600 W 5877091
		.	■	■	■	■	■	■	■	■
	430	Code	5877014	5877038	5877020	5877044	+ 1200 W 5877062	+ 2400 W 5877086	+ 1200 W 5877068	+ 2400 W 5877092
		.	■	■	■	■	■	■	■	■
	432 *	Code	5877015	5877039	5877021	5877045	+ 1400 W 5877063	+ 2800 W 5877087	+ 1400 W 5877069	+ 2800 W 5877093
		.	■	■	■	■	■	■	■	■
	434	Code	5877016	5877040	5877022	5877046	+ 2000 W 5877064	+ 4000 W 5877088	+ 2000 W 5877070	+ 4000 W 5877094
		.	■	■	■	■	■	■	■	■
	435	Code	5877017	5877041	5877023	5877047	+ 2000 W 5877065	+ 4000 W 5877089	+ 2000 W 5877071	+ 4000 W 5877095
		.	■	■	■	■	■	■	■	■
* Extra price for NCH model size 432 SP (consult us for characteristics).		Code	E040290							
		.	■							

See controls pages for a complete offer : terminal unit + control

ACCESSORIES CASED MAJOR 2 (SUPPLIED SEPARATELY)*

Model	Designation	426	428	430	432	434	435
CV1D CO1	 90° rubber elbow	Code 7023445					
		.	.	.	.	.	.
CV1D CH41D *	 Support feet and front panel	Code 5854900	5854901	5854902	5854903	5854904	
		.	.	.	.	.	.
CV1D SO3	 Rear support for plinth Thickness 55 mm (for thickness plinth : 70 mm)	Code 5854910	5854911	5854912	5854913	5854914	
		.	.	.	.	.	.
CV1D CH41D	 Paint corrector touching-up pen RAL 9010 (12 ml content)	Code 5201727					
		.	.	.	.	.	.
CV1D CH41D	 2 piece male / female connectors 3/8" < 1/2"	Code 5202314					
		.	.	.	.	.	.
	 2 piece male / female connectors 1/2" < 3/4"	Code					5202313
		.	.	.	.	.	.

* Units are on stock to meet your requirements in the shortest time limits.

ACCESSORIES CASED MAJOR 2 (MOUNTED ON THE UNIT)

Model	Désignation	426	428	430	432	434	435
CH41D PR1	Lifting pump of the condensates mounted on the terminal unit with anti-overflow security. Maximum capacity 8l/h for a lifting height of 1 meter. Evacuation: flexible tube of interior diameter 6mm, end-piece diameter 8mm. This accessory must be completed with a valve control to enslave the security to the valve closing (condensation stopping). Condensates flow approximate calculation: $Q_v (l/h) = \frac{P_{totale} - P_{sensible} (W)}{680}$	Code E038415					
		.	.	.	.	.	.

ACCESSORIES UNCASSED MAJOR 2 (SUPPLIED SEPARATELY)*

Model	Designation	426	428	430	432	434	435
NCH	SU1  Elastic suspension supplied separately (4 per unit necessary)	Code	0219453				
		.	.				
NCH	MO1  Smooth sleeve ø 100 mm with screws	Code	7013442				
		.	.				
NCH	MO7  Smooth sleeve ø 100 mm(2) with air flow rate controller, fit with a gasket. Packed with screws and a drawing. The air flow rate controller is working to supply a determined flow(1) with air differentiate pressure between 50 and 100 Pa. (1) 3 flow rates are available by use of 3 clips. The lower air flow is by default (2) ø 125 mm to consult us.	Code	7013440				
		.	.				
		Code	7013544				
		.	.				
NCH	M17  Smooth circular discharge sleeve diam.200	Code	5435061				
		.	.				
NCH	RA1  2 piece male / female connectors 3/8" < 1/2"	Code	5202314				
		.	.				
NCH	RA2  2 piece male / female connectors 1/2" < 3/4"	Code					5202313
		.					.
NCH	RM1  All or nothing 230/1/50 motorized damper with lack of voltage closing, delivered separately (can be fitted on to the discharge circular sleeves).	Code	5202616				
		.	.				
		Code	5202617				
		.	.				
		Code	5202618				
		.	.				
NCH	RM4  All or nothing 230/1/50 motorized damper with lack of voltage closing, delivered separately (can be fitted on to the discharge circular sleeves).	Code	5202619				
		.	.				

* Units are on stock to meet your requirements in the shortest time limits.

ACCESSORIES UNCASSED MAJOR 2 (MOUNTING ON THE UNIT)

Model	Designation	426	428	430	432	434	435
NCH	PR1  Condensates draining pump mounted on the unit with overflow safety device. 8/h max. flow for a 1 m draining height. Draining : 6mm internal diameter flexible tube, 8mm diameter nozzle. This accessory must be completed with a valve type regulation allowing slaving of the high safety device to the valve closing (condensates stopped). Approximate calculation of the condensate water flow : $Q_v (l/h) = \frac{P_{totale} - P_{sensible} (W)}{680}$	Code	E045004				
		.	.				
NCH	M18 Rectangular smooth metal recovery sleeve without insulation, with filter casing.	Code	5870050	5870051	5870052	5870053	5870054
		.	.	.	.	.	.
NCH	PL5 Smooth metal recovery plenum without insulation Ø200mm inlets and filter casing	Code	5870055	5870056	5870057	5870058	5870059
		.	.	.	.	.	.