AUTOCLIMA TIMETABLE

Labour times granted for warranty interventions

PROTOCOL	REVISION	DATE	REFERENCE
AT/M/179/2026	3	12/11/2026	AT/P/175/2026

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REVISION HISTORY

Rev.	Date	Description
3	**12/11/2026**	**Re-coded AT/M/179/2026 (former TP-01-25): new Indel B | Autoclima logo and new layout.**
2	22/01/2025	General revision.
1	01/10/2019	Service revision.
0	10/02/2005	First issue.

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HOW TO USE THE TIMETABLE

Times in this timetable are expressed in hundredths of an hour (e.g. 30 minutes = 0.50 hours). To quantify the amount Autoclima will grant as labour cost for the replacement of components, proceed as in the following example.

EXAMPLE

Replacement of the compressor and the receiver drier on Citroën Jumpy D (system 01009006):

Compressor	**1.50**
Receiver drier	**0.50**
Total granted hours	**2.00**

◄ *times estimated by Autoclima for component replacement (see CITROEN table extract below, highlighted cells)*

The total time (2.00) is then multiplied by the hourly labour rate granted by Autoclima (ref. Autoclima International Warranty Procedure AT/P/175/2026).

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	CITROËN	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
01009006	JUMPY D	5.00	/	1.50	0.50	0.50	**1.50**	2.00	2.00	2.00	1.00	1.50	/	0.50	**0.50**	0.50
01011005	JUMPER D - TD	3.50	4.00	1.50	0.50	0.50	1.50	2.00	2.00	2.00	1.00	2.00	0.50	0.50	0.50	0.50

NOTE

Established times include the disassembly and reassembly of the components.

SPECIAL SYSTEMS

Times for non-standard systems (additional evaporators / condensers, hoses with special lengths, etc.) are assessed by Autoclima case by case, depending on the vehicle and the system code.

PARKING COOLERS

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CODE	SYSTEM / MODEL	Complete evaporator	Evaporator coil	Evaporator fan	Control panel	Evaporator cover	Condenser unit	Condenser coil	Condenser fan	Condenser cover	Compressor	Compressor control unit (application module)	Ambient temperature sensor	Anti-tilt sensor	Transformer 12V - 24V	Capillary tube	Receiver drier	Compressor-to-condenser hose
10101100	U-GO 24V		1.50	1.00	0.16	0.16		1.50	1.00		2.00	0.50	0.25			1.50	1.50	
10101111	U-GO 12V		1.50	0.16	0.60	0.16		1.50	1.00		2.00	0.50	0.25			1.50	1.50	
10101083.1	FRESCO 3000 RT 24V RESTYLING		2.00	0.50	0.16	0.50		2.00	0.25		2.50	0.25	0.25	0.16			1.50	1.50
10101090	FRESCO 3000 RT 12V RESTYLING		2.00	0.50	0.16	0.50		2.00	0.25		2.50	0.25	0.25	0.16				
10101138.2	AC FRESCO 5000 RT 24V		2.00	0.50	0.16	0.50		2.00	0.25		2.50	0.25	0.25				1.50	1.50
12121543.3	AC FRESCO 3000-BACK 24V	1.50	1.50	0.25	0.16	0.16	1.50	1.50	0.25	0.16	2.00	0.25	0.16	0.16		1.00	1.00	
12121803.2	AC FRESCO 3000-BACK 12V	1.50	1.50	0.25	0.16	0.16	1.50	1.50	0.25	0.16	2.00	0.25	0.16	0.16		1.00	1.00	
12121577.1	AC FRESCO 3000-TOP 24V																	
121211678.1	AC FRESCO 5000-BACK 24V	1.50	2.00	0.50	0.25	0.16	1.50	1.50	0.25	0.16	2.50	0.50	0.16			1.50	1.00	

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

CITROËN

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
01009007	AC CITROEN JUMPER/PEUGEOT BOXER 2.2 E5	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00	/	0.25
01015021.1	JUMPER RST. 2.8 HDI.	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00	/	0.25
01015030	JUMPER 3.0 HDI - MY2006 - EURO 4.	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00	/	0.25
01015031	JUMPER 2.2 HDI - MY2006 - EURO 4.	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00	/	0.25
01015034	JUMPER 2.2 HDI - MY2006 - EURO 4 GDX.	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00	/	0.25
01015037	JUMPER 3.0 HDI - 30 - 33 - 35 - EURO 5.	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00	/	0.25
12121330.1	JUMPER 2.8 HDI RST - RHD	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00	/	0.25

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

FIAT

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
01015021.1	DUCATO RST 2.8 JTD	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00	/	0.25
01015024	NUOVO DUCATO 2.3 JTD															
01015027	DUCATO 2.8 JTD - EURO 3															
01015028	DUCATO 2.3 JTD - EURO 3															
01015029	DUCATO 2.3 JTD - MY2006 - EURO 4	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015030	DUCATO 3.0 JTD - MY2006 - EURO 4	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015031	DUCATO 2.2 JTD - MY2006 - EURO 4	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015032	DUCATO 2.3 JTD - MY2006 - EURO 4 GDX	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015034	DUCATO 2.2 JTD - MY2006 - EURO 4 GDX	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015036	DUCATO 2.3 MJ 30 - 33 - 35	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015037	DUCATO 3.0 MJ 30 - 33 - 35 - EURO 5	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015038	DUCATO 2.0 MJ 28 - 30 - 33 - 35 - EURO 5	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015039	DUCATO 3.0 MJ 30 - 33 - 35 GDX	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015040	DUCATO 2.3 MJ 30 - 33 - 35 GDX	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
01015041	DUCATO EURO 6 - MY 2016 - 2.3	4-6	1.00	1.00	2.00	1.00	1.00	2.00	2.00	1.50	1.00	2.50	2.00	2.00		0.25
12121330.1	DUCATO 2.8 HDI RST - RHD															

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

IVECO

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
01025029	60/65/75 E 12/14 EUROCARGO	2.50	/	1.00	0.50	0.50	1.50	2.00	2.00	1.50	1.00	2.00	1.00	0.50	0.50	0.50
01025029	80/100 E 15/18/21 EUROCARGO	2.50	/	1.00	0.50	0.50	1.50	2.00	2.00	2.00	1.00	2.00	1.00	0.50	0.50	0.50
01025029	110 EL 15/18/21	2.50	/	1.00	0.50	0.50	1.50	2.00	2.00	2.00	1.00	2.00	1.00	0.50	0.50	0.50
01025033	120-130-150 E 18 EUROCARGO	2.50	/	1.00	0.50	0.50	1.50	2.00	2.00	2.00	1.00	2.00	1.00	0.50	0.50	0.50
01025070	DAILY TDI L11 C13/15	3.00	/	1.00	0.50	0.50	2.00	2.50	2.50	2.50	1.00	1.50	0.50	0.50	0.50	0.50
01025078	IVECO STRALIS 430	6.00	/	1.50	1.50	0.50	1.00	1.50	1.50	/	1.00	1.50	/	0.50	0.50	0.50
01025078	TRAKKER T38 / T41 / T44 / T45 / T48 / T50															
01025087	DAILY 3.0 MY2006 - 35C15-C18 / 35S18 / 50C15-C18 / 60C15-C18 / 65C15-C18	2.50	/	2.50	0.25	0.25	1.00	1.50	1.50	1.50	0.50	1.50	/	1.00	/	0.25
01025088	DAILY HPI 2.3 MY2006 - 29L10-L12-L14 / 35C10-C12 / 35S10-S12-S14	2.50	/	2.50	0.25	0.25	1.00	1.50	1.50	1.50	0.50	1.50	/	1.00	/	0.25
01025094	EUROCARGO (tutti i modelli) Risc. VALEO	2.50	/	0.75	0.50	0.25	1.00	1.50	1.50	1.50	/	1.00	/	1.00	/	0.25
01025096	EUROCARGO (tutti i modelli) Risc. DENSO	2.50	/	0.75	0.50	0.25	1.00	1.50	1.50	1.50	/	1.00	/	1.00	/	0.25
01025098	ECODAILY 29L10-12-14 / 35S11-13-14 / 35C11-13 / 40C11-13	2.50	/	0.75	0.25	0.25	1.00	1.50	1.50	1.50	0.50	1.50	/	1.00	/	0.25
01025100	ECODAILY 35C-40C-50C-65C-70C15-35S18 / 35C-40C-50C-65C-70C18 / 35S14 / 35C-40C-50C-65C-70C14 / 35S17 / 35C-40C-50C-65C-70C17 / 35C-40C-50C-65C-70C14 CNG	2.50	/	0.75	0.25	0.25	1.00	1.50	1.50	1.50	0.50	1.50	/	1.00	/	0.25
01025102	TRAKKER T36															

IVECO

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
01025102	IVECO STRALIS S27/31/35	6.00	/	1.50	1.50	0.50	1.00	1.50	1.50	1.50	1.00	1.50	/	0.50	0.50	0.50
01025103	DAILY 29L11V - 29L13V - 35C11V - 35S11V - 35C13V - 35S13V	2.50	/	0.75	0.25	0.25	1.00	1.50	1.50	1.50	0.50	1.50	/	1.00	/	0.25
01025105	DAILY 3.0 35C15LV - 35C17LV - 35S17LV - 35C21V - 35S21V	2.50	/	0.75	0.25	0.25	1.00	1.50	1.50	1.50	0.50	1.50	/	1.00	/	0.25
01025107	DAILY 29L11V - 29L13V - 35C11V - 35S11V - 35C13V - 35S13V GDX	2.50	/	0.75	0.25	0.25	1.00	1.50	1.50	1.50	0.50	1.50	/	1.00	/	0.25
01025108	DAILY 3.0 35C15LV - 35C17LV - 35S17LV - 35C21V - 35S21V GDX	2.50	/	0.75	0.25	0.25	1.00	1.50	1.50	1.50	0.50	1.50	/	1.00	/	0.25
01025117	TRAKKER 500 - EURO 6	3.00	/	0.75	0.50	0.25	1.00	1.50	1.50	/	0.50	1.00	/	1.00	/	0.25
01025117	STRALIS 500 - EURO 6	3.00	/	0.75	0.50	0.25	1.00	1.50	1.50	/	0.50	1.00	/	1.00	/	0.25
01025119	AC IVECO EUROCARGO MY 2016 EURO 6	2.50	/	0.75	0.50	0.25	1.00	1.50	1.50	1.50	0.50	0.50	/	1.00	/	0.25
12121899.1	Ampliamento DAILY 3.0															
12121943	AC Minibus su telaio EUROCARGO															
12121942	AC Minibus su telaio EUROCARGO															

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

MERCEDES BENZ

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
01031030	ATEGO 812 - 815 - 817 - 1017 - 1217	6.00	/	1.00	1.00	0.50	1.00	1.50	1.50	1.50	0.50	2.50	/	0.50	0.50	0.50
01031032	ATEGO 1223 - 1523	6.00	/	1.00	1.00	0.50	1.00	1.50	1.50	1.50	0.50	1.50	/	0.50	0.50	0.50
01031033/2	VITO 108 - 110 - 112 CDI	6.00	/	1.50	1.00	0.50	1.50	2.00	2.00	2.00	0.50	1.50	/	0.50	0.50	0.50
01031035/1	NEW SPRINTER 208-408-211-411-213-CDI	6.00	/	1.00	1.00	0.50	1.50	2.00	2.00	2.00	1.00	1.50	0.50	0.50	0.50	0.50
01031035/1	NEW SPRINTER 413 - 216 - 416 - CDI	6.00	/	1.00	1.00	0.50	1.50	2.00	2.00	2.00	1.00	1.50	0.50	0.50	0.50	0.50
01031041.2	AC NEW MB VITO 109/111/115 CDI DAL '08	5.00	/	0.50	0.25	1.00	1.50	2.00	2.00	1.50	/	1.50	1.00	0.50	/	0.25
01031044	ATEGO 716 - 816 - 818 - 1018 - 1218	5.00	/	0.50	1.00	0.25	1.00	1.50	1.50	1.00	/	1.00	/	0.50	0.50	0.25
01031045	ATEGO 1023 - 1223 - 1323 - 1523	5.00	/	0.50	1.00	0.25	1.00	1.50	1.50	1.00	/	1.00	/	0.50	0.50	0.25
01031047	SPRINTER 2.2 CDI MY2006	5.00	/	0.50	0.25	0.25	1.50	2.00	2.00	1.50	/	1.00	0.75	0.50	/	0.50
01031049.1	SPRINTER 3.0 CDI 219 - 319 - 419 - 519 - MY2006	5.00	/	0.50	0.25	0.25	1.50	2.00	2.00	1.50	/	1.00	0.75	0.50	/	0.50
01031051	SPRINTER 2.2 CDI	5.00	/	0.50	0.25	0.25	1.50	2.00	2.00	1.50	/	1.00	0.75	0.50	/	0.50
01031051.1	SPRINTER 2.2 CDI 210 - 310 - 410 - 213 - 313 - 413 - 216 - 316 - 416 - 516	5.00	/	0.50	0.25	0.25	1.50	2.00	2.00	1.50	/	1.00	0.75	0.50	/	0.50
01031052.1	SPRINTER 2.2 CDI 210 - 310 - 410 - 213 - 313 - 413 - 216 - 316 - 416 - 516	5.00	/	0.50	0.25	0.25	1.50	2.00	2.00	1.50	/	1.00	0.75	0.50	/	0.50
121211315	AMPL.IMP.MB VITO E5+/E6 C/S.ALASKA															
121211078	AMPL.IMP.MB VITO EURO5 C/S.ALASKA															
121211037	AMPL.IMP.ORIG.SPRINTER EURO5 AMBUL.															
121211076	AMPL.IMP.MB SPRINTER EURO5 C/MISTRAL															
12121575	AMPL.IMP.ORIG.SPRINTER 2006/CRAFTER															

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

ROOF-MOUNTED AIR CONDITIONERS · COMPONENTS 1–17

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator coil outlet pipe leak repair	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch	Compressor Klixon protector
10101132	RTE 17			0.30				1.50						0.33				0.16
10101133	RTEH 17			0.30				1.50						0.33				0.16
10101126	RTE 21			0.30				1.50						0.33				0.16
10101127	RTEH 21			0.30				1.50						0.33				0.16
10101130	RTE 27			0.30				1.50						0.33				0.16
10101131	RTEH 27			0.30				1.50						0.33				0.16
10101071 / 72	RT40 -12/24V	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101073 / 74	RTH40 - 12/24V	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101065 / 66	RT60 - 12/24V	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101067 / 68	RTH60 - 12/24V	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101149	RT70 - 12V	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101134	RT75 - 12 V	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101037 / 38	RT90 - 12/24 V	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101057 / 59	RT(H)90 - 12V - con elettrovalvola	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101139 / 40	RT110 - 12/24 V	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101141 / 42	RTH110 - 12/24V	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101143	RT110 - 12V - con presa aria esterna	1.00		0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101113	RT120 - 12V	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101115 / 16	RTH120 - 12/24V	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101117	RT120 - 12V - con presa aria esterna	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101084.4/86	RT145 - 12/24V	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101104.1/05	RTH145 - 12/24V	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101194.2/5.2	RT160 - 12/24V	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101106/07	RTH160 - 12/24V	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	

ROOF-MOUNTED AIR CONDITIONERS · COMPONENTS 1–17

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator coil outlet pipe leak repair	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch	Compressor Klixon protector
10101096	RT201 - 24V	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101101	RTH201 - 24V	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101102	RT201 - 24V - doppio circuito	1.00	2.00	0.25	0.75	0.25	/	/	/	/	/	/	1.00	0.25	0.67	0.50	0.16	
10101069.4	ACW50 - 220V	1.50		0.50	/	0.25	0.25	2.00	/	/	/	/	1.00	0.25	0.67	0.50	1.00	

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

ROOF-MOUNTED AIR CONDITIONERS · COMPONENTS 18–33

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
CODE	SYSTEM / MODEL	Compressor electrolytic capacitor	2 µF capacitor for condenser fan (RTE-RTEH27)	Evaporator fan	3.15 µF capacitor for evaporator fan motor	Reversing solenoid valve coil	Control board	Transformer	Ambient probe	Exchanger probe	Hose G6 (5/16") (compressor discharge)	Hose G8 (13/32") (compressor suction)	Cover insulation	Cover	Air diffuser	Infrared receivers	Air filter
10101132	RTE 17	0.16	-	0.30	0.13	-	0.30	0.18	0.18	0.18	0.16	0.16	0.13	0.10	0.10	0.16	0.10
10101133	RTEH 17	0.16	-	0.30	0.13	0.25	0.30	0.18	0.18	0.18	0.16	0.16	0.13	0.10	0.10	0.16	0.10
10101126	RTE 21	0.16	-	0.30	0.13	-	0.30	0.18	0.18	0.18	0.16	0.16	0.13	0.10	0.10	0.16	0.10
10101127	RTEH 21	0.16	-	0.30	0.13	0.25	0.30	0.18	0.18	0.18	0.16	0.16	0.13	0.10	0.10	0.16	0.10
10101130	RTE 27	0.16	0.33	0.30	0.13	-	0.30	0.18	0.18	0.18	0.16	0.16	0.13	0.10	0.10	0.16	0.10
10101131	RTEH 27	0.16	0.33	0.30	0.13	0.25	0.30	0.18	0.18	0.18	0.16	0.16	0.13	0.10	0.10	0.16	0.10
10101071 / 72	RT40 -12/24V																
10101073 / 74	RTH40 - 12/24V																
10101065 / 66	RT60 - 12/24V																
10101067 / 68	RTH60 - 12/24V																
10101149	RT70 - 12V																
10101134	RT75 - 12 V																
10101037 / 38	RT90 - 12/24 V																
10101057 / 59	RT(H)90 - 12V - con elettrovalvola																
10101139 / 40	RT110 - 12/24 V																
10101141 / 42	RTH110 - 12/24V																
10101143	RT110 - 12V - con presa aria esterna																
10101113	RT120 - 12V																
10101115 / 16	RTH120 - 12/24V																
10101117	RT120 - 12V - con presa aria esterna																
10101084.4/86	RT145 - 12/24V																
10101104.1/05	RTH145 - 12/24V																

ROOF-MOUNTED AIR CONDITIONERS · COMPONENTS 18–33

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
CODE	SYSTEM / MODEL	Compressor electrolytic capacitor	2 µF capacitor for condenser fan (RTE-RTEH27)	Evaporator fan	3.15 µF capacitor for evaporator fan motor	Reversing solenoid valve coil	Control board	Transformer	Ambient probe	Exchanger probe	Hose G6 (5/16") (compressor discharge)	Hose G8 (13/32") (compressor suction)	Cover insulation	Cover	Air diffuser	Infrared receivers	Air filter
10101194.2/5.2	RT160 - 12/24V																
10101106/07	RTH160 - 12/24V																
10101096	RT201 - 24V																
10101101	RTH201 - 24V																
10101102	RT201 - 24V - doppio circuito																
10101069.4	ACW50 - 220V																

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

MODULA

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch	Compressor PCB replacement	PWM replacement
10101097.1	RT MODULA 12V	1.00	0.50	0.75	0.25	0.25	3.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	3.50	0.16
10101098.1	RT MODULA 24V	1.00	0.50	0.75	0.25	0.25	3.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	3.50	0.16
10101122.1	RT MODULA 80V-24V	1.00	0.50	0.75	0.25	0.25	3.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	/	0.16
10101099	RT MODULA IDRAULICO 12V	1.00	0.50	0.75	0.25	0.25	3.00	/	/	/	/	0.75	0.25	0.67	0.50	0.16	/	/
10101108	RT MODULA IDRAULICO 24V	1.00	0.50	0.75	0.25	0.25	3.00	/	/	/	/	0.75	0.25	0.67	0.50	0.16	/	/
30301247.1	MOTOCONDENS.MODULA 12V	/	/	/	/	/	2.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	2.50	0.16
30301248.1	MOTOCONDENS.MODULA 24V	/	/	/	/	/	2.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	2.50	0.16
30301270.1	MOTOCONDENS.MODULA 80V-24V	/	/	/	/	/	2.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	/	0.16
30301249	MOTOCONDENS.MODULA IDRAULICO 12V	/	/	/	/	/	3.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	/	/
30301252	MOTOCONDENS.MODULA IDRAULICO 24V	/	/	/	/	/	3.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	/	/
40471018.1	GRUPPO MOTOCOMPRES. 12V MODULA	/	/	/	/	/	1.50	/	/	/	/	0.75	0.25	0.50	0.50	0.16	0.50	0.16
40471019.1	GRUPPO MOTOCOMPRES. 24V MODULA	/	/	/	/	/	1.50	/	/	/	/	0.75	0.25	0.50	0.50	0.16	0.50	0.16
10101159	RT MODULA SLIM 12V R134A	1.00	0.50	0.75	0.25		2.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	0.50	0.16
10101160	RT MODULA SLIM 24V R134A	1.00	0.50	0.75	0.25		2.00	/	/	/	/	0.75	0.25	0.50	0.50	0.16	0.50	0.16

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

STANDARD EVAPORATORS

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	Fan speed selector	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser coil	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
20201340	Evaporatore E 33F 12V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201341	Evaporatore E 33F 24V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201342	Evaporatore E 41F 12V	2.00	2.50	1.00	0.50	/	/	/	/	/	/	/	/	/	/	/
20201343	Evaporatore EH 41F 12V C/F	2.00	2.50	1.00	0.50	/	/	/	/	/	/	/	/	/	/	/
20201435	E 40 / Evaporatore SUPER ALASKA 12V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201436	E 40 / Evaporatore SUPER ALASKA 24V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201467	E 40 / Evaporatore SUPER ALASKA 12V uscita tubi a destra	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201468	E 40 / Evaporatore SUPER ALASKA 24V uscita tubi a destra	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201443	EH 40 / Evaporatore / Riscaldatore ELECSTA 12V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201444	EH 40 / Evaporatore / Riscaldatore ELECSTA 24V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201469	EH 40 / Evaporatore / Riscaldatore ELECSTA 12V senza frontale	2.00	2.50	1.00	/	/	/	/	/	/	/	/	/	/	/	/
20201470	EH 40 / Evaporatore / Riscaldatore ELECSTA 24V senza frontale	2.00	2.50	1.00	/	/	/	/	/	/	/	/	/	/	/	/
20201549	E50 - 12V															
20201551	EH50 - 12V															
20201567	E50 - 12V - SENZA FRONTALE															
20201568	EH50 - 12V - SENZA FRONTALE															
20201369	RE50 - 12V															
20201370	RE50 - 24V															

STANDARD EVAPORATORS

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	Fan speed selector	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser coil	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
20201378	REH50 - 12V															
20201379	REH 50 - 24V															
20201071.2	EV 40/2 Evaporatore VERTICAL con diffusore d'aria centrale 12V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201094.2	EVH 40/2 / Evaporatore / Riscaldatore VERTICAL con diffusore d'aria centrale 12V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201095.2	EV 40/2 Evaporatore VERTICAL con diffusore d'aria centrale 24V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201096.2	EVH 40/2 / Evaporatore / Riscaldatore VERTICAL con diffusore d'aria centrale 24V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201541	EV40/3 VERTICAL 24V - a parete															
20201540	EV40/3 VERTICAL 12V - a parete															
20201542	EVH40/3 / Evaporatore/Riscaldatore 12V - a parete															
20201543	EVH40/3 / Evaporatore/Riscaldatore 24V - a parete															
20201472	E 75 / Evaporatore LONG RUN 3 12V unidirezionale	3.00	3.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201473	E 75 / Evaporatore LONG RUN 3 24V unidirezionale	3.00	3.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201474	EH 75 / Evaporatore/Riscaldatore LONG RUN 3 12V unidirezionale	3.00	3.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201475	EH 75 / Evaporatore/Riscaldatore LONG RUN 3 24V unidirezionale	3.00	3.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/

STANDARD EVAPORATORS

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	Fan speed selector	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser coil	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
20201607	E 75 / Evaporatore LONG RUN 3 12V bidirezionale	3.00	3.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201399	E 60 / Evaporatore MISTRAL 24V unidirezionale	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201451	E 60 / Evaporatore MISTRAL 24V unidirezionale-uscita tubi a destra	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201401	EH 60 / Evaporatore/Riscaldatore MISTRAL 24V unidirezionale	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201398	E 60 / MISTRAL 12V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201441	E 60 / Evaporatore MISTRAL 12V unidirezionale-uscita tubi a destra	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201400	EH 60 / Evaporatore/Riscaldatore MISTRAL 12V unidirezionale	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201484	EH 60 / Evaporatore/Riscaldatore MISTRAL 12V unidirezionale-uscita tubi a destra	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201134	E 60 / Evaporatore BERING 12V unidirezionale	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201135	E 60 / Evaporatore BERING 24V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201150/1	E 85 / PARIS 80 12V	3.50	4.00	1.00	0.50	/	/	/	/	/	/	/	/	/	/	/
20201279	EV70 / Evaporatore Vertical Heavy Duty 12V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201280	EV70 / Evaporatore Vertical Heavy Duty 24V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201281	EV70H / Evaporatore Vertical Heavy Duty 12V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
20201282	EV70H / Evaporatore Vertical Heavy Duty 24V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
2020189128/3	E 35 / Evaporatore ALASKA 12V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
2020189129/2	E 35 / Evaporatore ALASKA 24V	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/

STANDARD EVAPORATORS

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	Fan speed selector	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser coil	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
2020189130/2	E 35 / Evaporatore ALASKA 12V uscita tubi a destra	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
2020189131/1	E 35 / Evaporatore ALASKA 24V uscita tubi a destra	2.00	2.50	1.00	0.50	0.50	/	/	/	/	/	/	/	/	/	/
2020189132	EV 40/1 / Evaporatore VERTICAL Heavy Duty 12V	2.00	2.50	1.00	0.50	/	/	/	/	/	/	/	/	/	/	/
2020189133	EV 40/1 / Evaporatore VERTICAL Heavy Duty 24V	2.00	2.50	1.00	0.50	/	/	/	/	/	/	/	/	/	/	/
2020189134	EV 40/1 / Evaporatore / Riscaldatore VERTICAL Heavy Duty 12V	2.00	2.50	1.00	0.50	/	/	/	/	/	/	/	/	/	/	/
2020189135	EV 40/1 / Evaporatore / Riscaldatore VERTICAL Heavy Duty 24V	2.00	2.50	1.00	0.50	/	/	/	/	/	/	/	/	/	/	/

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

HEATERS

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser coil	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
15151002	SCIROCCO H75 12V	2.00	2.50	/	/	/	/	/	/	/	/	/	/	/	/	/
15151016.2	H220 CON POMPA	1.50	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15151019	H15 1 VENTOLA 12V	1.00	0.50	/	/	/	/	/	/	/	/	/	/	/	/	/
15151020	H20 2 VENTOLE 12V	1.00	0.50	/	/	/	/	/	/	/	/	/	/	/	/	/
15151006/1	GHIBLI H50 24V	2.00	2.50	/	/	/	/	/	/	/	/	/	/	/	/	/
15151064	RA40 - AEROTERMO 12V - 5 ventole	1.00	1.00	/	/	/	/	/	/	/	/	/	/	/	/	/
15151065	RA40 - AEROTERMO 24V - 5 ventole	1.00	1.00	/	/	/	/	/	/	/	/	/	/	/	/	/
15151071	H75 - 12V - S/FRONTALE															
15151075	H75 - 12V - DX - S/FRONTALE															
15151072	H75 - 24V - S/FRONTALE															
15151076	H75 - 24V - DX - S/FRONTALE															
15151073	H95 - 12V - S/FRONTALE															
15151077	H95 - 12V - DX - S/FRONTALE															
15151074	H95 - 24V - S/FRONTALE															
15151078	H95 - 24V - DX - S/FRONTALE															

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

STANDARD CONDENSERS

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser coil	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
30301008	KT 55 12V-24V	/	/	/	/	/	/	/	/	/	/	1.50	1.00	/	/	/
30301009/2	K 65 12/24V	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301011	K 62 12V	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301018	KW 47 24V	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	0.50	0.50
30301020/1	K 36 24V	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301023	K 80 12V-24V	/	/	/	/	/	/	/	/	/	/	2.50	0.50	/	/	/
30301027	K 80 12V-24V con filtro	/	/	/	/	/	/	/	/	/	/	2.50	0.50	/	0.50	0.50
30301035	K 36 12V	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301036.2	K 72 12V con filtro uscita tubi allineati	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	0.50	0.50
30301045	KT 55 24V con filtro	/	/	/	/	/	/	/	/	/	/	1.50	1.00	/	0.50	0.50
30301046	KT 55 12V con filtro	/	/	/	/	/	/	/	/	/	/	1.50	1.00	/	0.50	0.50
30301047	K 62 24V	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301049	KT 46 12V	/	/	/	/	/	/	/	/	/	/	1.50	1.00	/	/	/
30301050	KT 46 24V	/	/	/	/	/	/	/	/	/	/	1.50	1.00	/	/	/
30301052	KT 46 12V con filtro	/	/	/	/	/	/	/	/	/	/	1.50	1.00	/	0.50	0.50
30301053	KT 46 24V con filtro	/	/	/	/	/	/	/	/	/	/	1.50	1.00	/	0.50	0.50
30301075	K 50 12V-24V	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301079	K 72 24V c/filtro uscita tubi allineati	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	0.50	0.50
30301082	K 72 12V uscita tubi allineati	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301083	K 72 24V uscita tubi allineati	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301101	KT 64 12V	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	0.50	0.50

STANDARD CONDENSERS

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CODE	SYSTEM / MODEL	Evaporator coil	Evaporator fan	Expansion valve	Anti-frost thermostat	A/C switch	Compressor	Compressor clutch	Compressor clutch coil	Compressor bracket	Secondary brackets/pulleys	Condenser coil	Condenser fan	Refrigerant hoses	Receiver drier	Pressure switch
30301305	KT 125 12V	/	/	/	/	/	/	/	/	/	/	3.00	0.50	/	1.00	0.50
30301307	KT 125 24V	/	/	/	/	/	/	/	/	/	/	3.00	0.50	/	1.00	0.50
30301114	KT 64 24V	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	0.50	0.50
30301154	K 32 12V c/griglia	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301155	K 32 24V c/griglia	/	/	/	/	/	/	/	/	/	/	2.00	0.50	/	/	/
30301164	K65 - 24V															
30301227	KT150 - 24V															
30301226	KT150 - 12V															
30301167.1	K 20 12V	/	/	/	/	/	/	/	/	/	/	1.50	0.50	/	/	/

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.

FROSTY

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

GROUP	COMPONENT	Frosty 800	INTEGRA	RTR-WALL 250/260 350/360	RTR-WALL 251/261	RTR-WALL 351/361 451/461
EVAPORATOR	Complete evaporator	1.00	1.00	1.00	1.00	1.00
	Evaporator plastic cover	0.50	0.50	0.50	0.50	0.50
	Evaporator fans	0.50	0.50	0.50	0.50	0.50
	Expansion valve	0.75	0.75	0.75	0.75	0.75
	Orifice	0.25	0.25	0.25	0.25	0.25
	Temperature probe	0.25	0.25	0.25	0.25	0.25
CONDENSER	Complete condenser	2.50	*To be defined*	2.50	2.50	2.50
	Condenser exchanger	2.50	*To be defined*	0.75	0.75	0.75
	Condenser plastic cover	0.50	-	0.50	0.50	0.50
	Condenser fans	0.75	*To be defined*	0.50	0.50	0.50
MOTORS / COMPRESSORS	Open-drive compressor	1.50	-	-	-	-
	Open-drive compressor shaft seal	2.00	-	-	-	-
	Compressore aperto strada	-	*To be defined*	*To be defined*	*To be defined*	*To be defined*
	Frizione compressore aperto strada	-	*To be defined*	*To be defined*	*To be defined*	*To be defined*
	Compressore ermetico stand-by	-	*To be defined*	-	1.00	-
	Compressore aperto stand-by	-	*To be defined*	-	-	1.00
	Open-drive compressor clutch (stand-by)	-	*To be defined*	-	-	1.50
	Stand-by electric motor	1.50	*To be defined*	-	-	1.00
	Road electric motor	1.00	-	-	-	-
	Road electric motor brushes	0.50	-	-	-	-
	Compressor belt (road)	0.50	*To be defined*	*To be defined*	*To be defined*	*To be defined*
	Compressor belt tensioner (road)	-	0.50	0.50	0.50	0.50
	Compressor belt (stand-by)	0.50	0.50	-	-	0.50

FROSTY

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

GROUP	COMPONENT	Frosty 800	INTEGRA	RTR-WALL 250/260 350/360	RTR-WALL 251/261	RTR-WALL 351/361 451/461
COMPONENTS	Filter accumulator	0.50	0.50	0.50	0.50	0.50
	Check valve	-	0.25	-	1.00	1.00
	Oil separator	-	0.50	0.50	0.50	0.50
	Liquid receiver	-	-	0.50	0.50	0.50
	Sight glass	-	0.25	0.25	0.25	0.25
	Pressure relief valve	0.75	0.50	-	1.50	1.50
	Solenoid valve	0.50	0.50	1.50	1.50	1.50
ELECTRICAL	HP pressure switch	0.25	0.25	0.25	0.25	0.25
	LP pressure switch	-	0.25	0.25	0.25	0.25
	Electrical relay/fuse	0.25	0.25	0.25	0.25	0.25
	Bobina elettrovalvola	0.25	0.25	0.25	0.25	0.25
	Cab control unit	0.50	0.50	0.50	0.50	0.50
	Transformer	0.50	-	-	0.75	0.75
	Battery charger	-	0.75	-	-	-
	Heat sink and diode bridge	0.50	-	-	0.50	0.50
	Stand-by electric motor capacitor	0.75	0.50	-	0.50	0.50

When several parts are replaced, the intervention times cannot be simply added together.
A troubleshooting time of 30 minutes is granted.
For repairs that may require more than 4 hours, contact Autoclima Technical Assistance for authorisation before carrying out the intervention.

For every intervention requiring the refrigerant circuit to be opened, the following is also needed:					
Replace receiver drier(s)	0.50	0.50	0.50	0.50	0.50
Refrigerant recovery, vacuum and charge (refrigerant included)	2.00	2.00	2.00	2.00	2.00

FRESCO GENIUS

Granted times for component replacement · values in hundredths of an hour (0.50 = 30 minutes)

		1	2	3	4	5	6	7
CODE	SYSTEM / MODEL	Condenser fans	ECU	Compressor	PCB	Control panel	Pressure switch	PWM
121211675	IMP.FRESCO GENIUS	0.50	0.50	3.00	3.00	0.50	1.00	0.50

Times include disassembly and reassembly of the components. « / » or « - » = operation not applicable to the system.