

Notice de montage,
d'utilisation et maintenance
SKIMO

Climatiseur monobloc électrique



Catégorie du produit :
Climatisation & chauffage



Lire attentivement ce manuel avant toutes manipulations du SKIMO. Conserver ce manuel pour toutes consultations ultérieures.



991A01 : Notice de montage, d'utilisation et maintenance
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Safety instructions

List of pictograms used in this manual or on the SKIMO unit

	Read and understand the manual		General danger		Eye protection
	Important information		Physical danger		Protective gloves

Danger

	<ul style="list-style-type: none"> • Installation or maintenance of the air conditioner must be performed by a qualified and qualified technician. • Be careful the unit is heavy. Do not handle or install the air conditioner alone. • Do not store, install, or use the air conditioner near flammable liquids or gases, heat sources, or fire or explosion hazards. • If the air conditioner shows visible damage, it must not be operated. • In case of fire, do not open the top cover of the SKIMO unit and use suitable extinguishing means. Do not use water for extinction. • Please inform the manufacturer of your vehicle if you need to change the vehicle height indication in the vehicle papers when you install the SKIMO unit on the roof (height of 250 mm). • Disconnect power to the machine or vehicle ignition before servicing the air conditioner. • Disconnect all connections to the power supply before performing any repair work on the air conditioner. • Do not introduce foreign objects into the SKIMO unit. • Never deactivate the safety devices. Always turn off the unit and engine of the vehicle or machine before opening the hood or disassembling the console from the control panel. • Do not make cuts on cabs of vehicles certified "FOPS-ROPS". • The air conditioner must be regularly cleaned and cleaned of dust, plant waste, other waste and combustible objects to avoid the risk of fire. • For safety reasons, only use original spare parts.
	<ul style="list-style-type: none"> • The A/C refrigerant circuit is under pressure. Do not open the A/C refrigerant circuit. This would create a loss of refrigerant gas that is colourless and odourless. It could create serious burns. The person performing the repair or maintenance of the A/C refrigerant circuit must be qualified to manipulate such systems and must use appropriate tools, equipment and protection equipment. Wear protection goggles and gloves when you maintain the SKIMO unit. Rejecting refrigerant gas in the atmosphere is strictly forbidden.
	<ul style="list-style-type: none"> • With an 80V power supply, use an H07-KV or VR type electric cable.
	<ul style="list-style-type: none"> • Any modification or incorrect installation and use of the SKIMO unit, strictly prohibited, can be dangerous and may result in injury or property damage. SNDC disclaims any liability for damage caused by improper installation or use other than that described in the SKIMO kit manual.
	<ul style="list-style-type: none"> • SNDC disclaims all liability for damage caused by installation or use not in accordance with the instructions 991A01.

Introduction

The unit described in this manual, called unit, SKIMO unit, A/C unit, SKIMO A/C unit or SKIMO, is designed to be installed on the roof of agricultural, construction works, road works, or industrial vehicles, machines or vans. The SKIMO unit air-conditions the cabin of the machine or vehicle. The SKIMO A/C unit is a monobloc unit pre-charged with R134a refrigerant gas and containing all the parts of the A/C circuit. It only needs to be connected electrically to the machine or vehicle. (See electrical requirements).

Electrical protections

Device	SKIMO 12V	SKIMO 24V	SKIMO 80V/ 12V & 80V / 24V	SKIMO Plus 24V	SKIMO Plus 48V/ 12V & 48V / 24V
Under pressure	10,5V	20V	71V	20V	36V
	Below these values, security will automatically shut down the system.				
Overvoltage	18V	32V	100V	32V	62V
	Beyond these values, security will automatically shut down the system.				
Overheated	In the event of overheating of the engine, a system shutdown will occur and restarting will be allowed only at the return of a normal temperature.				
Overconsumption	An abnormal consumption of an air conditioner in the SKIMO range will result in automatic safety.				
Overpressure or under load	Air conditioners in the SKIMO range are equipped with a pressure switch that protects the system in case of overload or abnormally high refrigeration pressure or lack of refrigerant.				
Compressor safety	The compressor is equipped with a safety valve that protects the system in the event of pressure switch failure.				
Machine safety	Air conditioners in the SKIMO range are equipped with a safety device that turns off the air conditioner when the lid is opened.				

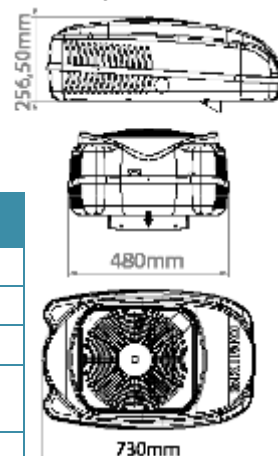
Technical characteristics

The technical specifications or features of the SKIMO air conditioner, as described or illustrated, are subject to change without notice.

SKIMO is a monobloc air conditioner with all the elements integrated:

- air conditioning components (condenser, evaporator, receiver dryer filter, compressor),
- electrical components (fan motor, internal harness, internal fuse),
- the user interface with the control panel and the louvers.

Characteristics	12V	24V	24V plus	48V	80V
Mass	30 kg (±3 kg)				
Cooling capacity	2.9 KW for an air inlet at +31 ° C and 50% humidity				
Maximum consumption	80 A	40 A	80A	30 A	14 A
Refrigerant charge HFC R134a (±10 g)	480 g		700 g		480 g
Oil	PAG SP10 ISO 46 (reference in annex)				



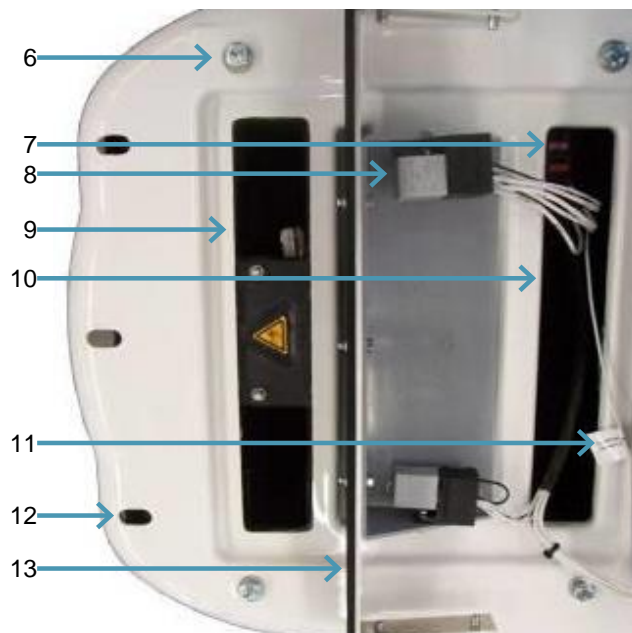
With its CE marking, SKIMO meets the essential health and safety requirements in accordance with Directives 2006/42 / EC, 2014/30/ EC and 2014/35 / EC. See statement in annex.



The SKIMO unit can be mounted on antivibration pads to limit vibrations and noise. In this case, there must be a sufficient number of pads, they are distributed so as to provide stable support for the unit, the instructions with respect to the overhang and all other instructions are respected, and that the waterproofing between the roof and the SKIMO unit is carried out.

Unit description

N°	Description
1	Condenser fan
2	SKIMO unit cover
3	Outside air intake grills
4	Unit cover fastening screws
5	SKIMO unit casing
6	M8 unit fastening screws
7	Fuses
8	Relays
9	Blower
10	Cab air intake
11	Wire to connect to alternator D+ signal
12	Water drain holes
13	Cabin panel adjustable bracket
14	Cabin panel
15	Air filter access grid
16	Grid fastening screws
17	Control panel
18	Adjustable air louver
19	Default signal light
20	A/C and ventilation speed selector switch
21	A/C and heater selector switch



Before fitting the SKIMO A/C unit

Prior to fitting and using the SKIMO A/C unit, check the following points:

Cabin volume : Ideally the volume of the cabin is approximately 2m³ but if it is over 3m³ the performances of the SKIMO A/C unit will decrease.

Cabin insulation : The cabin walls must be properly insulated, especially from important heat sources (engine, exhaust pipe, hydraulic system ...). SNDC SAS cannot be held responsible in the case of poor performances of the SKIMO A/C unit caused by poor cabin insulation.

Ceiling thickness : The ceiling thickness must be between 3mm and 60mm. If it is over 60mm, an additional plate can be fitted to fasten the cabin panel. In this case, the four M8 screws used to fasten the SKIMO A/C unit on the roof must be replaced by M8 screws adapted regarding their length and mechanical characteristics.

Caution

Electrical power :

The machine or vehicle engine must be equipped with an alternator able to supply the electrical power required from the vehicle or machine AND from the Skimo A/C unit. If the vehicle or the machine is equipped with an alternator that is not powerful enough, it must be replaced by a suitable alternator.

Device	12 V	24 V	24 V plus	48 V/12 V & 48 V/24 V		80 V/12 V & 80 V/24 V	
Consumption	960 W	960 W	1920 W	1440 W	240 W	1120 W	144 W
Equivalent in Amperes	80 A	40 A	80 A	30 A (at 80V)	20 A (at 12V) & 10 A (at 24 V)	14 A (at 80V)	12 A (at 12V) & 6 A (at 24 V)

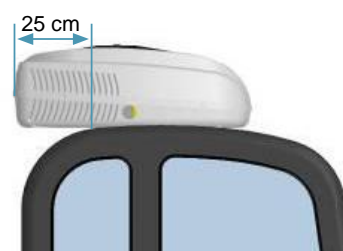
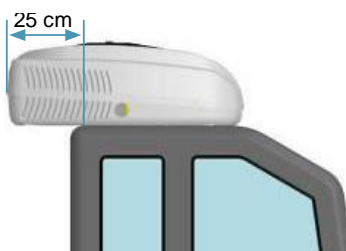
Roof and ceiling :

Do not alter or make a hole in the cabin of vehicles that are certified « FOPS-ROPS » The roof must be stiff and strong enough for the Skimo A/C unit to be installed on. If it is not the case, the roof must be reinforced. The Skimo A/C unit must not be installed if it would affect the stability of the vehicle or machine it is installed on, or if it would create excessive strains on its structure.

Make sure using the drawing showing the dimensions of the unit and the cut-out area that there is enough space to fit the unit on the roof and the cabin panel inside the cabin. The surface on which the Skimo A/C unit is installed must be flat and horizontal (+/- 5°). The cabin panel must be installed inside the cabin, and the user must be able to access the controls from his driving position while using the vehicle or machine.

Cantilevered installation :

The Skimo A/C unit can be mounted in a cantilevered position. In this case, the maximum cantilever distance is 25cm (see pictures below).



Furniture required to install SKIMO

Device	SKIMO on battery or alternator	SKIMO at the D + terminal of the alternator	Fuses	Sealing between the SKIMO and the roof
SKIMO 12V	Two 16 mm ² diameter cables	One 1 mm ² diameter cable	100 A	Silicone seal
SKIMO 24V	Two 10 mm ² diameter cables	One 1 mm ² diameter cable	50 A	Silicone seal
SKIMO 80V/12V	Four 2 mm ² diameter cables	One 1 mm ² diameter cable	20 A	Silicone seal
SKIMO 80V/24V	Four 2 mm ² diameter cables	One 1 mm ² diameter cable	20 A	Silicone seal
SKIMO Plus 24V	Two 16 mm ² diameter cables	One 1 mm ² diameter cable	100 A	Silicone seal
SKIMO Plus 48V/12V	Two 2,5 mm ² diameter cables Two 6 mm ² diameter cables	One 1 mm ² diameter cable	30 A	Silicone seal
SKIMO Plus 48V/24V	Two 2,5 mm ² diameter cables Two 6 mm ² diameter cables	One 1 mm ² diameter cable	30 A	Silicone seal
Warning	The cable section must be increased for lengths greater than 5 m	FASTON 1 type connector	-	-

For electrical connections and converters, see the appendices for each unit.

Preparation of the unit

Remove the 4 unit fastening screws circled in blue.

Caution



Do not unscrew the 4 screws at the back of the unit.



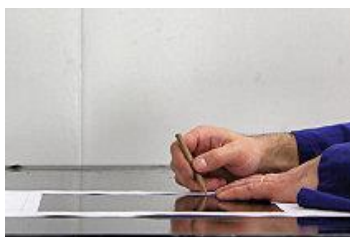
Cabin roof preparation



Protective glasses



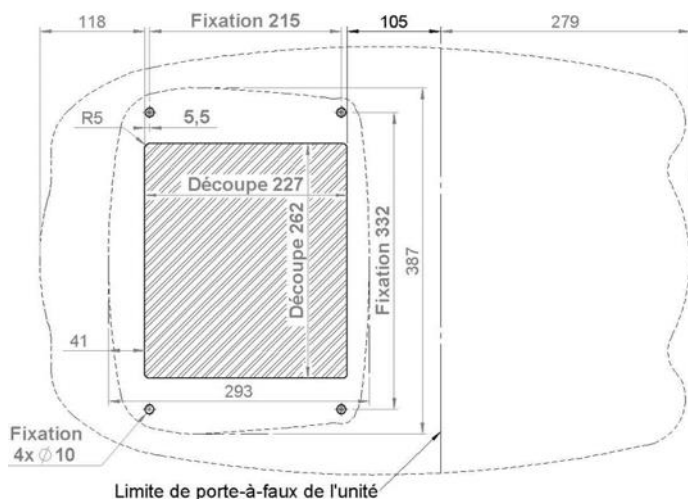
Protective gloves



1. Place the template on the roof. (See cut-out drawing below and template in appendix)



2. Cut out and drill the roof following the template



Dimensions in millimetres (mm) :

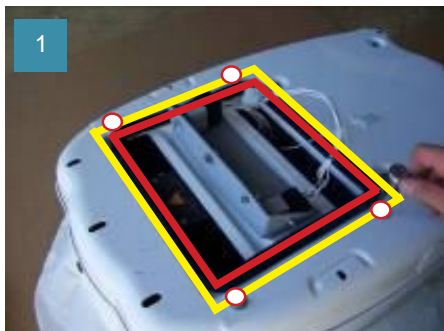
- The cut-out is 227mm long by 262 mm wide with 4 Ø10 mm holes for the fastening screws.
- The required foot-print inside the cabin to install the cabin panel is represented by the dimensions 293 x 387 mm.

Fitting the unit

Caution



The Skimo A/C unit is heavy. Take necessary precautions to avoid hurting yourself or damaging the unit. Never install the Skimo A/C unit on your own.



1. Apply silicone on the 15x15mm foam seal and around the 4 fastening points (in red). Add some between the fastening points (in yellow) to complete the waterproofness



2. Place the Skimo A/C unit on the roof. Fasten it from the inside of the cabin with the 4 M8 screws and their washers removed in section 7.3-preparation of the Skimo A/C unit



3. Remove Skimo A/C unit cover: remove its 6 fastening screws and unplug the ventilator connector.

Electrical connection

There are two possible ways to lay out the electrical cables :

- Inside the cabin (recommended), through one of the cabin frame post for example.
- Outside the cabin.

Caution



In both cases the installer must make sure that the cables are insulated and protected from any risk of deterioration or tear-up (from branches for example) and that they do not present any risk for people or appliances.

Case of the cables being laid out inside the cabin :



1. Remove the white top cover and unscrew the 2 screws fixing the front of the condenser.



2. Unscrew the 12 screws of evaporator tray lid.



3. For the sixth screw at the back of the lid, lengthen the screwdriver.












4. Lift the condenser (2cm maximum).



5. Lift slightly the lid.




6. Remove the cover by sliding it to the right.







		
<p>7.</p>	<p>8. Run the electric cables underneath the Skimo.</p>	<p>9. Run cables through the return air.</p>
		
<p>10. Pull the cables out of Skimo (few centimeters).</p>	<p>11. Run a cable in the grommet.</p>	<p>12. Run the second cable in the grommet.</p>
		
<p>13. Pull the cables out of Skimo (few centimeters).</p>	<p>14. Put the evaporator tray over. Screw the over and the condenser.</p>	

Case of the cables being laid out outside the cabin

Make a hole on the white outer Skimo casing (the lower part), lay the cable out through this hole with a grommet.

Caution	
	<p>Do not lay the cables out near the motor and compressor belt located at the back of the unit.</p>

Once the cables laid out, connect them as follows :

		
<p>1. Remove the cover from the top of Skimo.</p>	<p>2. Remove the cap on the right side.</p>	<p>3. Run the power cable through the hole.</p>
		
<p>4. Run the cable across the width of the Skimo.</p>	<p>5. Connect the black wire to the terminal block.</p>	<p>6. Connect the red wire to the terminal block.</p>

7. Connect the 1-way FASTON located inside the cabin to the D+ signal from the alternator (signal indicating that the engine is running) with a 1mm² section cable.

8. Plug the ventilator connector back and fasten the Skimo A/C unit cover back on with its 12 screws and plastic washers.

Caution



The positive (+) cable **MUST** be protected by a 100Amps (12V) or 50 Amps (24 V) fuse located as close as possible to the power source.
 Make sure that the section of the cables between the battery and the alternator is big enough for the current required by the Skimo A/C unit and by the other electrical equipments of the vehicle.

	SKIMO				SKIMO Plus
Fuse protection	100 A	50 A	30 A	20 A	100 A
System operation	12 V	24 V	48 V	80 V	24V

Fitting the cabin panel



1. Feed the power of the resistor on each side of the mouting plate into the holes.



2. Adjust and screw the cabin panel bracket back on. Make sure of the airtightness across this bracket.



3. Connect the 8 way connector.



4. Connect the safety heat resistors.



5. Connect the 3 and 6 way connectors on the control panel.



6. The Skimo A/C unit is ready to be used !

Unit use

Caution



The Skimo A/C unit is designed to run when the vehicle's engine is running. If the unit is turned on while the vehicle's engine is off, the alternator will not feed the unit and there is a risk of battery discharge.



The ability of the Skimo A/C unit to maintain the required temperature inside the cabin depends on the amount of heat that penetrates inside the cabin. Some preventive measures are necessary to lower the amount of heat that enters the cabin and to improve the performances of the Skimo A/C unit:

- Park the machine or the vehicle in the shade.
- Drive for a few minutes with the windows opened to lower the temperature inside the cabin before turning the A/C unit on.
- Keep the doors and windows closed while using the A/C unit.
- Avoid using devices that produce heat.

Operating modes

Once the Skimo A/C unit is installed and the vehicle's engine is running, turn the control panel ventilation speed selector switch to first speed to turn the unit on. The first ventilation speed and the air conditioning are turned on.

Adjust the ventilation speed to 1, 2 or 3 according to your requirement with the ventilation speed selector switch.

To switch the unit off, turn the ventilation speed selector switch to 0.



Switch the Skimo A/C unit off if the vehicle's or machine's engine runs on low speed for an extended amount of time (for over 15 minutes). If not, there is a potential risk of battery discharge due to the fact that the alternator might not supply enough power when the engine runs at low speed. The Skimo A/C unit would turn to security mode. If that happens, refer to section 14.

It is normal for the internal thermostat to regulate the A/C unit if the blowing temperature is too low, in which case the blowers still run but the air conditioning is turned off for a while.

SNDC SAS cannot be held responsible for condensation appearing on the cabin's surfaces. The air contains moisture that tends to condensates on cold surfaces. Appropriate cabin insulation can prevent or lower the risks of condensation.

Breakdowns and remedies



If the A/C circuit hasn't got the correct amount of gas, the performances of the A/C system will lower. If it seems that your Skimo A/C unit doesn't work properly, you should take it to an A/C specialist.

Caution



Never try to repair faults by your own means. Repair and recharge of an A/C circuit must be carried out by a specialist that is qualified, certified, equipped with necessary tools and that will use original spare parts.

If one of the security systems is activated, the air conditioning system is turned off (no more cold production) and the default light is switched on on the control panel.

To reset the Skimo A/C unit after a security cut off, turn it off and on again. A security cut off should not be a recurring feature. In the case of repeated cut offs, contact your qualified specialist.



Error codes :

Error code	Failure	Repair required										
1 blink	Overheating of the electrical motor. The temperature of the motor went over 113°C. The unit can be reset by switching it off and on again only once the motor's temperature is lower than 109°C	Check that the air way cooling the electrical motor is not clogged up. <i>To be done by an A/C specialist:</i> Check that the A/C circuit hasn't got too much gas R134a.										
2 blink	The battery is flat (the tension of the battery). <table border="1"> <thead> <tr> <th>Tension en dessous de</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>9 V</td> <td>12 V</td> </tr> <tr> <td>14 V</td> <td>24 V</td> </tr> <tr> <td>36 V</td> <td>48 V</td> </tr> <tr> <td>60 V</td> <td>80 V</td> </tr> </tbody> </table>	Tension en dessous de	Version	9 V	12 V	14 V	24 V	36 V	48 V	60 V	80 V	Check that the battery gets charged up properly and that the alternator is powerful enough. Check that the vehicle's engine doesn't run at low speed for extended periods of time (over 15 minutes)
Tension en dessous de	Version											
9 V	12 V											
14 V	24 V											
36 V	48 V											
60 V	80 V											
3 blink	Over consumption of the electrical motor	Check the power consumption of the Skimo A/C unit. <i>To be done by an A/C specialist:</i> Check that the A/C circuit hasn't got too much gas R134a.										
5 blink	High voltage (the tension of the battery) <table border="1"> <thead> <tr> <th>Tension en dessus de</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>18 V</td> <td>12 V</td> </tr> <tr> <td>32 V</td> <td>24 V</td> </tr> <tr> <td>100 V</td> <td>80 V</td> </tr> </tbody> </table>	Tension en dessus de	Version	18 V	12 V	32 V	24 V	100 V	80 V	Check that the alternator supplies its nominal voltage, and that the nominal tensions of the alternator, of the battery and of the Skimo are identical.		
Tension en dessus de	Version											
18 V	12 V											
32 V	24 V											
100 V	80 V											
6 blink	Low voltage (the tension of the battery). <table border="1"> <thead> <tr> <th>Tension en dessous de</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>10,5 V</td> <td>12 V</td> </tr> <tr> <td>21 V</td> <td>24 V</td> </tr> <tr> <td>41 V</td> <td>48 V</td> </tr> <tr> <td>71 V</td> <td>80 V</td> </tr> </tbody> </table>	Tension en dessous de	Version	10,5 V	12 V	21 V	24 V	41 V	48 V	71 V	80 V	Check that the battery gets charged up properly and that the alternator is powerful enough. Check that the vehicle's engine doesn't run at low speed for extended periods of time (over 15 minutes)
Tension en dessous de	Version											
10,5 V	12 V											
21 V	24 V											
41 V	48 V											
71 V	80 V											
Light on continuously	A/C system gas low pressure. The pressure switch is activated for a pressure lower than 2 bars in the high pressure part of the circuit in case of the quantity of gas being too low (caused by a leak for example).	<i>To be done by an A/C specialist:</i> Check the airtightness of the A/C circuit and recharge with R134a gas.										
Light AND electrical motor on and off	A/C system gas high pressure. The pressure switch is activated for a pressure higher than 14 bars in the high pressure part of the circuit.	Check that the condenser is not clogged up. <i>To be done by an A/C specialist:</i> Check that the A/C circuit hasn't got too much gas R134a.										
Light not on but unit not working	The Skimo A/C is not working properly but the default light is not switched on. This can be due to an electrical problem.	Check that the default LED light works properly. Check the fuses, the relays, the electrical harness, the connectors and the electrical connection between the Skimo unit and the vehicle or the machine.										

There are two other security systems on the Skimo A/C unit :

- Compressor security: The compressor is equipped with a security pressure valve to protect the system in case of a pressure switch failure.
- Machine security: The Skimo A/C unit is equipped with a sensor that disables the Skimo A/C unit if the cover is opened.

Caution



Use only original spare parts.

Care and maintenance

Caution



- The Skimo A/C unit must be maintained and cleaned up regularly from dust, vegetal or other wastes or combustibles to avoid risks of fire.
The frequencies listed below are for reference only. The maintenance must be done more frequently if the working environment can lead to clogging up, premature wear or deterioration of some parts.
- The SKIMO A/C unit contains parts that are moving that can present a danger. Never disable the security features. Always turn the unit and the vehicle off before opening the cover or taking the cabin panel off.
- Switch the unit off before any maintenance.

Every 50 hours :

Clean the dust filter

Check the condenser, the ventilator, the main casing. Clean if necessary

In winter :

Turn the Skimo A/C unit on once a week even for a short time (1 minute) to guarantee the lubrication of the seals inside the A/C circuit.

Every 200 hours:

Check the motor-compressor belt tension:

Tension too high: Risk of premature wear of the compressor bearings.

Tension too low: Risk of premature belt wear.

Replace the air filter (Reference in annex).

Check that the water drain holes in the main casing and in the evaporator casing are not clogged up.

Every two years : (To be done by an A/C specialist)

Clean the condenser and the evaporator coils. Clean the water drain holes in the main casing and in the evaporator casing.

Recover the A/C circuit gas and replace the receiver dryer (Reference in annex).

Replace the evaporator foam (Reference in annex).

Check the A/C circuit air tightness.

Recharge the circuit and check the thermostat and the pressure switch.

Check the oil level.

Check the cover fastening screws and clip nuts



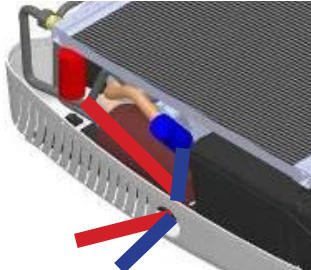

Every five years or 2000 hours : (To be done by an A/C specialist)

Check and tighten all the screws and nuts.



Replace the motor-compressor belt.

Replace the cover fastening clip nuts.

To plug the service centre hoses

 <p>1. Remove the 12 fastening screws of the unit cover, lift the cover and unplug the ventilator connector.</p>	 <p>2. Remove the maintenance access plug circled in blue.</p>	 <p>3. Unscrew the A/C service centre hoses couplers, pull the hoses through the maintenance access hole, and screw the couplers back on. Connect the couplers on the pressure ports.</p>	 <p>4. Plug the ventilator connector back on and put the cover back into place. The unit can be turned on to check the pressures.</p>
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To access the evaporator casing without recovering the gas of the A/C unit

 <p>1. Remove the 12 fastening screws of the unit cover, lift the cover and unplug the ventilator connector. Remove the 4 screws of the condenser (in blue).</p>	 <p>2. Remove the screws of the evaporator casing. Slightly lift the condenser, move the evaporator casing forward to disengage the condenser supports (in green), then slide the cover to the side.</p>	<p>3. You can access to the thermostat (in red), the blower and the evaporator.</p> <p>4. When the repair is complete, reassemble and retighten all the elements.</p>
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Replace receiver dryer filter

 <p>1. Remove the cover and recover the A/C unit gas.</p>	 <p>2. Remove the 4 condenser fastening screws, disconnect the 2 A/C pipes connected to the condenser, and remove the condenser.</p>	 <p>3. Remove the 6 fastening screws of the evaporator casing cover and remove the cover.</p>
 <p>4. Take the receiver dryer fastening screw off (circled in blue), and disconnect the receiver drier connector on the expansion valve side (circled in red). Remove the compressor flange and the compressor-condenser pipe, and remove the receiver dryer.</p>	 <p>5. Remove the receiver dryer-condenser pipe and the pressure switch from the used receiver dryer and fit them to the new receiver dryer.</p>	<p>6. Assemble all the parts back in reverse order (steps 4 to 2). Charge the A/C system and test it.</p>

Replace foam evaporator



1. Unscrew the cover and disconnect the fan.
2. Unscrew the screws of fixing of condenser on the evaporator tray lid and the screws on the compressor/motor.



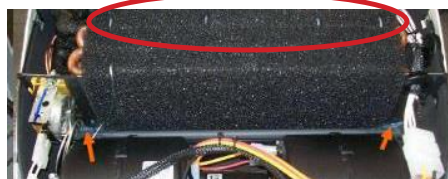
3. Unscrew the 6 screws of evaporator tray lid.



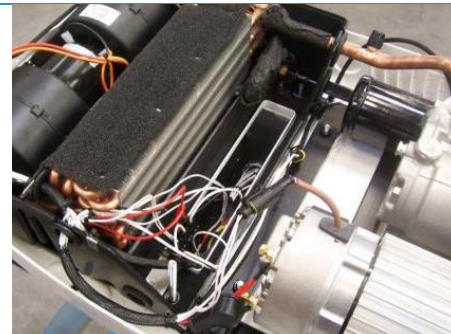
4. Remove the capillary from of the thermostat.



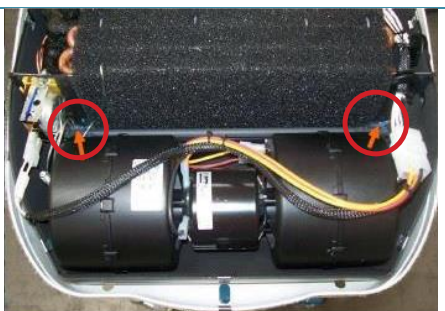
5. Lift the evaporator by taking it on the opposite side of the thermostat.



6. Remove the bulpren holding hooks on the upper side of the evaporator. Remove the bulpren by removing it from underneath the evaporator.



7. Change the bulpren 281G46 by first positioning the underside and then upper side and fix it on it either with the original hooks 540A49 or with those provided.



8. Replace the evaporator and reposition the silicone as originally. Install the thermostat capillary as originally.



9. Reassemble the evaporator block cover and the condenser assembly with the original screws.



10. Reassemble the unit cover using the original screws and connect the ventilator.

Annexes / Annex

Les références utiles / Useful references

Consommables	Consumables	Référence
Huile PAG SP10 ISO 46	Oil PAG SP10 ISO 46	430A09
SKIMO 12V – Raccordement électrique	SKIMO 12V – Electrical connection	274B56 ou 274D03
SKIMO 24V – Raccordement électrique	SKIMO 24V – Electrical connection	274B58 ou 274D04
SKIMO 80V/12V – Raccordement électrique	SKIMO 80V/12V – Electrical connection	274B78
SKIMO 80V/24V – Raccordement électrique	SKIMO 80V/24V – Electrical connection	274B78
SKIMO Plus 24V – Raccordement électrique	SKIMO Plus 24V – Electrical connection	274C03
SKIMO Plus 48V/12V – Raccordement électrique	SKIMO Plus 48V/12V – Electrical connection	274C83
SKIMO Plus – Raccordement électrique	SKIMO Plus – Electrical connection	274C83
SKIMO 12V – Convertisseur	SKIMO 12V – Converters	-
SKIMO 24V – Convertisseur	SKIMO 24V – Converters	-
SKIMO 80V/12V – Convertisseur	SKIMO 80V/12V – Converters	263A02
SKIMO 80V/24V – Convertisseur	SKIMO 80V/24V – Converters	263A03
SKIMO Plus 24V – Convertisseur	SKIMO Plus 24V – Converters	-
SKIMO Plus 48V/12V – Convertisseur	SKIMO Plus 48V/12V – Converters	263A04
SKIMO Plus – Convertisseur	SKIMO Plus – Converters	263A05
Filtre poussière	Dust filter	700A70
Déshydrateur	Receiver dryer filter	225A13
Mousse anti-projection d'eau	Foam evaporator	281G46

Déclaration de conformité / Conformity statement



Déclaration UE de Conformité

Le fabricant, soussigné

SNDC SAS – 274 CHEMIN DES AGRIES – 31860 LABARTHE SUR LEZE – FRANCE

déclare que l'équipement neuf désigné ci-après :

CLIMATISEUR ELECTRIQUE

modèle :

**SKIMO
SKIMO PLUS
SKIMO SPLIT
SKIMO SPLIT PLUS**

est conforme aux dispositions :

- de la directive 2006/42/UE « Sécurité des machines »
- de la directive 2014/30/UE « CEM »,
- de la directive 2014/35/UE « Basse Tension »

- Reference des normes harmonisées pertinentes appliquées :
 - EN 61000-6-2 (Mars 2007)
 - EN 61000-6-3 (Mars 2007) A1 (Août 2011)
 - CEI 61000-4-2 (Février 2014)
 - CEI 61000-4-3 (Février 2006) A1 (2007) A2 (2010)
 - ISO 13766-1 (Avril 2016)
 - ISO 13766-2 (Avril 2016)
 - EN 12895 (Décembre 2015)
 - CEI 61000-4-4 (Avril 2012)
 - CEI 61000-4-6 (Octobre 2013).

Fait à Labarthe-sur-Lèze, le 17 Octobre 2018.

Nom et fonction du signataire : Jean-Marc Guittard, PDG

Signature