

INSTALLATION INSTRUCTIONS

duolix **MAX**

412 137



Family 4
No. 4061
Index C
Date 01/2011

www.marque-nf.com



Certification reference guide
NF205



CONTENTS

1. WARNINGS	3	6. APPENDIX	18
2. DESCRIPTION	3	6.1. Managing an external night cooling device... 18	
2.1. General information	3	6.1.1. Operational description..... 18	
2.2. Dimensions/drawings.....	3	6.1.2. Wiring an external night cooling device... 18	
2.3. Construction/Dimensions	3	6.2. Option to control night cooling using	
2.4. Technical specifications	4	a remote switch	18
3. PRODUCT INSTALLATION/ASSEMBLY	4	6.2.1. Remote control wiring for	
3.1. Place of installation	4	night cooling	18
3.2. Assembly on concrete wall.....	4	6.3. Managing a ground-connected	
3.3. Suspended assembly	4	heat exchanger	19
3.4. Product fitted on the floor	4	6.3.1. Operating description	19
3.5. Air pipe connections & associated terminals ... 4		6.3.2. Wiring an ground-connected	
3.6. Installation/accessory precautions.....	5	heat exchanger	20
3.7. Condensation connections.....	6	6.4. Basic management of an auxiliary device 20	
4. ELECTRICAL CONNECTION	6	6.4.1. Operating description	20
4.1. Upstream connection.....	7	6.4.2. Wiring an auxiliary device	21
4.2. Electrical connection of the product.....	7	6.5. Managing the absence function	
5. PUTTING THE DUOLIX MAX INTO SERVICE	7	using a presence sensor	21
5.1. Inserting the batteries into the mobile control ... 7		6.5.1. Operating description	21
5.2. Linking procedure for your Duolix Max unit... 8		6.5.2. Presence sensor wiring.....	21
5.3. Positioning the mobile control.....	8	6.6. Input-Output diagram for the circuit board.... 22	
5.4. Configuring the product according		6.7. Maintenance of the Duolix MAX unit	23
to the installation	10		
5.4.1. Choosing the language.....	10		
5.4.2. Adjusting the flows	11		
5.4.3. Adjusting the imbalance	12		
5.4.4. Adjusting the night cooling	12		
5.4.5. Choosing the night cooling			
management mode	13		
5.4.6. Adjusting the by-pass parameters 13			
5.4.7. Adjusting the filter's service life	14		
5.4.8. Choosing the absence			
management mode	15		
5.4.9. Adjusting the absence flow.....	15		
5.4.10. Defining the connected accessories ... 16			
5.4.11. Defining the thresholds for the			
ground-coupled heat exchanger	16		
5.4.12. Finishing configuration	17		

1. WARNINGS

CAUTION:



This appliance is not designed for use by people (including children) of reduced physical, sensory or mental capacity, or those inexperienced or ignorant unless they have received prior instruction or supervision from someone responsible for their safety, about the use of the appliance



The central unit must be installed in the living area of the house and not in the roof spaces. The networks of pipes must be installed, if possible, in the inhabitable space. If this is not the case, they must be insulated with at least 50 mm of glass wool. Non-compliance with these conditions leads to deterioration in the performance of the dual-flow central unit.

2. DESCRIPTION

2.1. General information

High-output dual-flow ventilation for houses.

Product controlled by a stylish and ergonomic radio remote control unit.

Thermal efficiency: 91.5% certified

Low-consumption motors.

Full by-pass for fresh air enabling optimum free cooling in summer.

Flow manifold on the waste air network resulting in reduced consumption all year round.

BOOST function: Increased flows for better night cooling.

Option to manage a ground-coupled heat exchanger. Numerous possible configurations (see appendix).

Dual-flow ventilation enabling the fresh air to be blown into the «living» rooms (bedrooms, lounge, living room) and waste air extracted from the damp rooms (kitchen, bathrooms, washrooms).

A network of ducts enables air to be distributed and blown into the house.

The external fresh air is filtered and pre-heated by passing through a highly-efficient heat exchanger. This exchanger recovers the energy from the extracted air without mixing it with the renewed fresh air

2.3. Construction/Dimensions

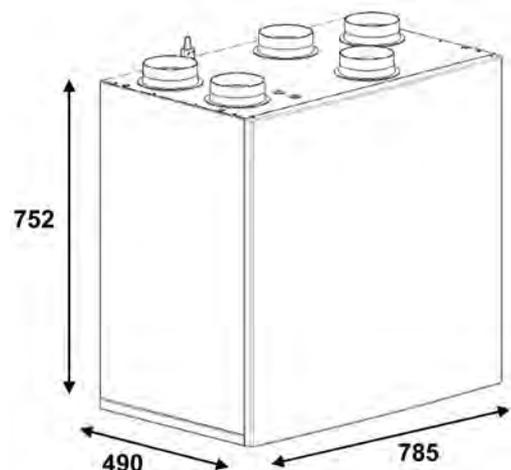
RAL 7047 painted, galvanised steel sheet enclosure.

Internal parts made from grey PSE material.

RAL 9010 white, polymer fascia.

Product equipped with:

- a high-output plate heat exchanger (91.5% certified),
- two F7 filters on the fresh and waste air networks,
- a full by-pass for the fresh air
- a flow manifold between the kitchen and domestic water network,
- two EC low-consumption motors
- a circuit board,
- a radio remote control unit



2.4. Technical specifications

Max. flow 300 m³/h under 100 Pa.

Electrical specifications:

- Certified electrical power: 24.1 to 70.5 W-Th-C.
- Max. 200 W consumption for the two fans (maximum current = 1 A)
- In the case of optional output wiring: max. consumption of 100 W (maximum additional current = 0.5 A)

3. INSTALLING/ASSEMBLING THE PRODUCT

3.1. Place of installation

Installation in a living area in a laundry room or cellar.

3.2. Assembly on concrete wall

Mount the strip on the wall ensuring it is horizontal.

Each mounting hole on the wall mount profile must have a wall plug so that the permissible load can reach 120 kg.



Hook the product on to the strip.

3.3. Suspended assembly

Mount 4 vertical struts (threaded rod and M5 plug so that that the permissible load may reach 120 kg) in the designated places on the front of the product.

Hang the product on the ceiling using these 4 struts, ensuring it is horizontal.



3.4. Product fitted to the ground

Use the 4 optional feet (feet part no.: 809 538) supplied with the accessories.

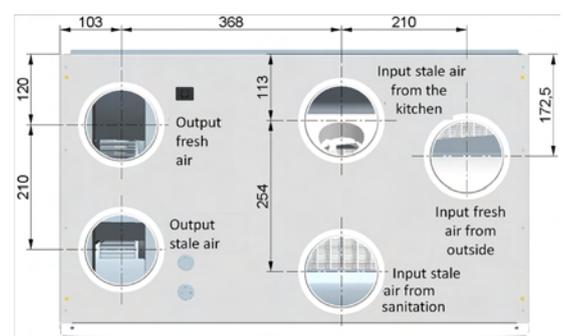
Screw in the feet under the product using the 4 M8 screws supplied. Place the product on the ground ensuring it is horizontal.

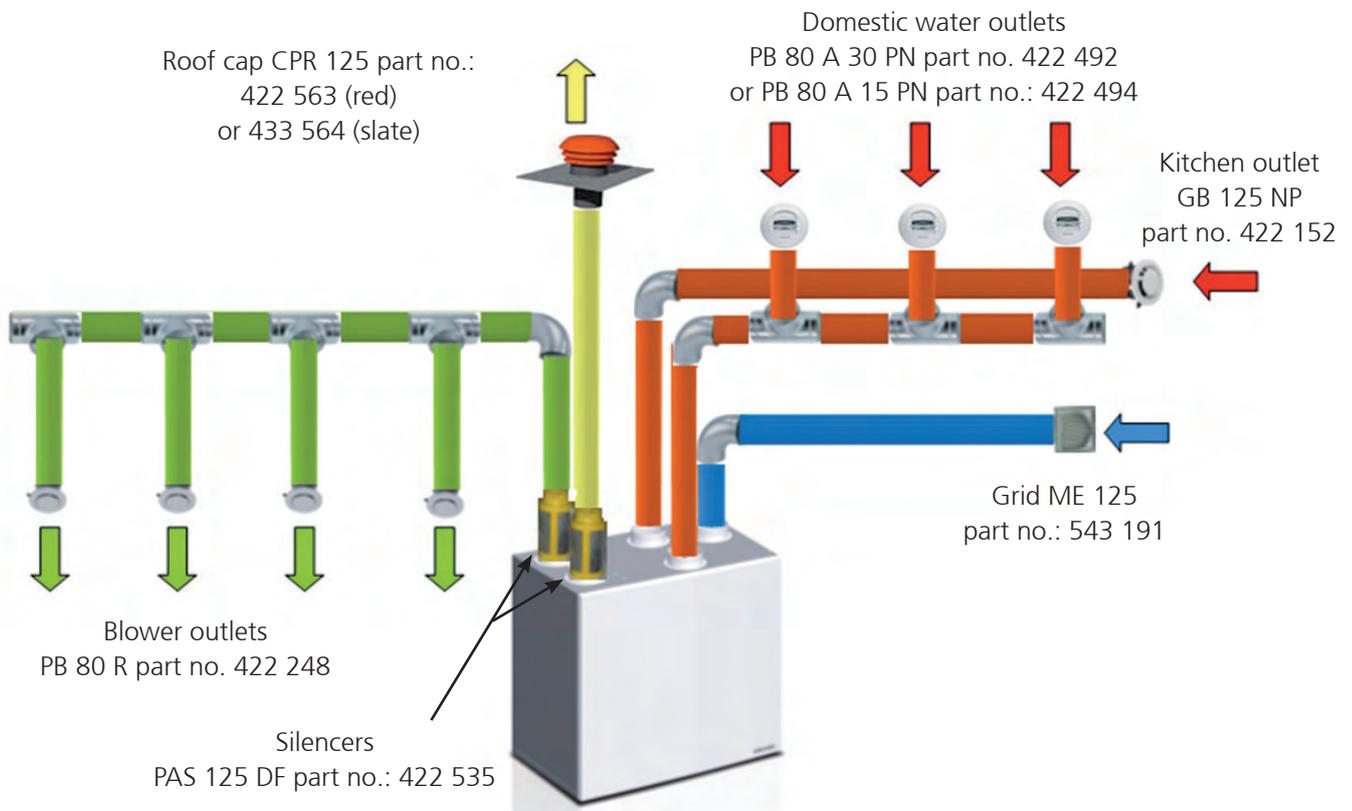


3.5. Air pipe connections & associated terminals

There are five tappings on the product - see the air pipe connection diagram opposite.

It is preferable to install the network in the living spaces. Ensure that insulated pipes are used and comply with the requirement for 50 mm rock wall.





Recommendations concerning putting into service:

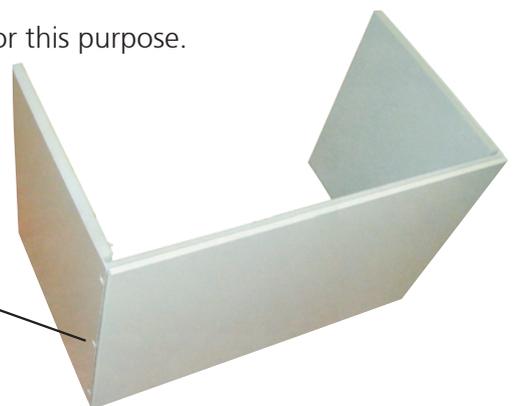
Each main part should include an air vent so that the ventilation by sweeping principle can be adhered to. Network balancing shall be taken care of by a sizing study

The coupling of the fan unit to a ground-connected heat exchanger requires a sizing study to be performed beforehand.

3.6. Installation/accessory precautions

Mounting the duct cover:

- Allow 500 mm between the ceiling and the top of the device).
- The duct cover is in three sections.
- Attach each section to the other using the lugs designed for this purpose.
- Position the front panel on top of the Duolix MAX, with the sides apart and then clip them onto the designated hooks.



CAUTION:

Check that no rubble or other foreign bodies risk damaging the fans once they are switched on. This product includes two fans.

Take the necessary precautions to ensure the correct installation of the product and its network in order to avoid any noise disturbance

Option to install silencers at the product's outlet (PAS 125 DF part no.: 422 535).

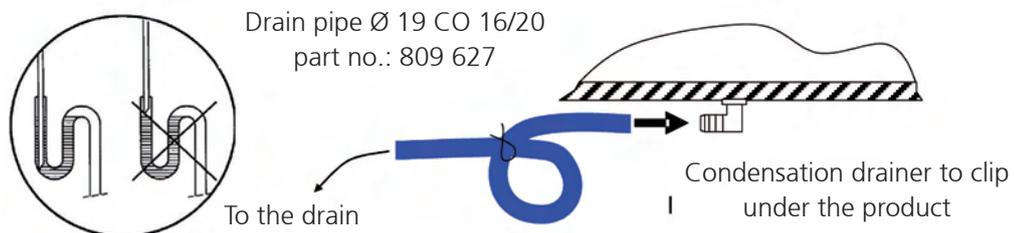
3.7. Condensation connections

Clip the condensation union under the product (supplied).



Connect the waste pipe (not supplied) to the drain.
Fill the siphon and immerse the waste pipe to prevent suction noises.
Use a transparent siphon, if possible, so that the water level can be checked.
The siphon should always be filled.

Example of drain connections:



4. ELECTRICAL CONNECTION



CAUTION:

BEFORE STARTING ANY OPERATION REQUIRING THE REMOVAL OF THE TERMINAL ACCESS PANEL, DISCONNECT THE DEVICE FROM THE MAINS BY SWITCHING THE BI-POLAR CIRCUIT BREAKER AND ENSURING THAT THE SUPPLY CANNOT BE RESTORED ACCIDENTALLY

THIS EQUIPMENT MUST BE INSTALLED BY PERSONS WITH THE APPROPRIATE QUALIFICATIONS.

THE INSTALLATION SHOULD COMPLY WITH STANDARD NF C 15-100 AND GOOD PROFESSIONAL PRACTICE. EACH PRODUCT OR COMPONENT INVOLVED IN INSTALLATION MUST ALSO BE COMPLIANT WITH THE APPLICABLE STANDARDS.

If the supply cable or another conductor is damaged, it must be replaced by the manufacturer, its after-sales service or persons with similar qualifications in order to avoid danger.

4.1. Upstream connection

Protection of the device against upstream short-circuits with contacts opening a minimum of 3 mm, 2.5 A maximum rating bi-polar circuit breaker and circuit protected by 30 mA max. differential circuit breaker.

4.2. Electrical connection of the product

To connect the product to the 230 VAC electrical supply, it does not need to be opened. The Duolix MAX is a class I device and must be connected to earth.

Supply with a 1.5 mm² rigid, dual-insulation cable or 1.5 mm² wires under an annealed sleeve with a maximum diameter of: 16 mm held in position by a tear protection compliant with standard NF C15-100 and good practice.

The cable temperature resistance to be used for this connection should be at least 90°C.

Strip the conductors back 5 to 6 mm in order not to risk them coming into contact with other wires

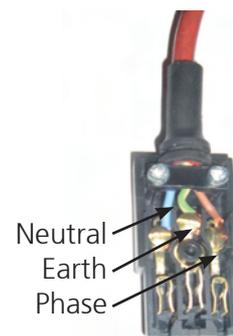
The earth wire (green yellow) should be longer than the other conductors (approx. 5 to 10 mm).

The wires should not be tightened on the insulator.

The product is equipped with a 2P plug and earth.

- Open the plug
- Connect Phase, Earth and Neutral in the plug
- Close the plug
- Connect the plug to the product

Single-phase supply
230 VAC + Earth



5. SETTING UP THE MAX DUOLIX

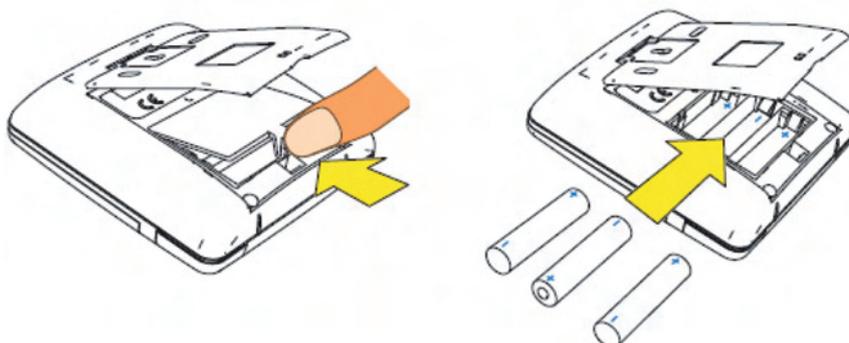


CAUTION: To set up the unit, switch on the device

5.1. Inserting the batteries into the control

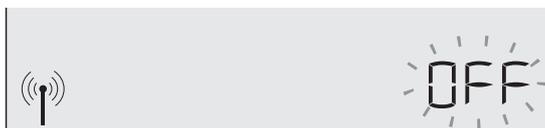
The unit should be electrically connected and supplied before switching on the control for the first time.

Insert three 1.5 V alkaline batteries (AAA LR03 type) in the direction indicated.



After inserting the batteries, press a key.

The flashing message «OFF» is displayed and the  symbol appears on the screen.



The «OFF» message indicates that the control is not linked to the Duolix MAX unit. Linking them enables the control and the Duolix MAX unit to recognise each other and to communicate with each other (no interference possible with another unit in the vicinity).

 **CAUTION:** There is a risk of explosion if the batteries are replaced with incorrect batteries. Dispose of used batteries in accordance with the instructions.

5.2. Linking procedure with the Duolix Max unit

Move towards the dual-flow unit with the control.

- If a link between the control and unit is possible, the following message appears for seven to eight seconds, then disappears.



The linking procedure has been successful.

- If this message does not appear, follow the linking procedure:
 1. Switch off the electrical supply to the Duolix MAX unit directly from a switchboard via the relevant circuit breaker.
 2. Wait for at least 20 seconds
 3. Re-establish the electrical supply to the Duolix MAX unit via the circuit breaker.
 4. Go to within three metres of your Duolix MAX unit with the control.
- In certain exceptional cases (loss of link), carry out the first four stages stated above, then press the «Mode» key for ten seconds to launch linking.

5.3. Positioning the control

The range of the control may vary depending on the obstacles (walls, floors, etc.). In most cases, the range is sufficient to position the control at any location in the house.

Recommendations:

- The control must not be exposed to a source of dampness (shower, basin, etc.)
- The maximum recommended ambient temperature around the control should not exceed 40°C continually.
- To guarantee correct operation, it is not advisable to place or mount the control on a metal support.

Reception quality

The reception quality of the control may be displayed by pressing the key for 5 seconds. 🌀

The reception level will appear for a minute if no key is touched.

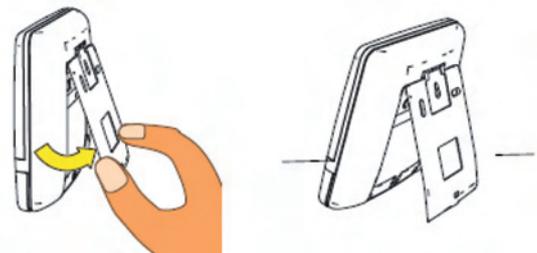
If the following screen appears, this means that the control is not receiving the signal.



To solve this, move towards the Duolix MAX unit's mobile control. If the problem persists, carry out the linking procedure again. Refer to paragraph 5.2 «Linking procedure with the unit».

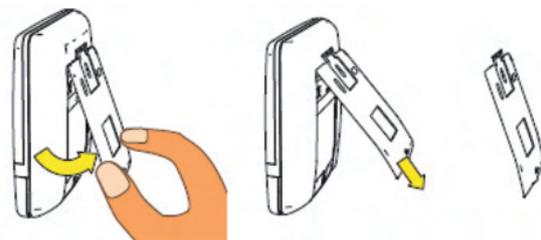
Fit on a flat surface

The control can be placed on any support surface. For improved stability, fold out the rear support in order to place the control in the «easel» position



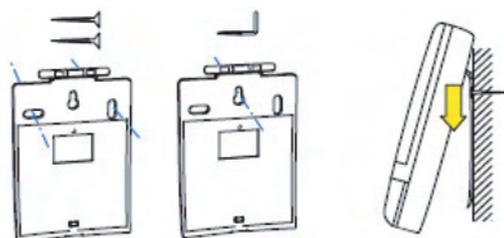
Mounting on the wall

To place the control on a wall, the mounting support on the rear needs to be detached first:



1 - Separate the base from the support 2 - Pull to unclip it

Then mount the support on the wall with the screw (not supplied) and the plugs suitable for your wall.



3 - Use the mounting holes to attach support to the wall.

4 - Place the control against the support so that it can be clipped in together.

5.4. Configuring the product according to the installation

The Duolix MAX control has two navigation levels:

- a specific Duolix Max configuration menu
- a specific menu for the occupant of the house

To configure the Duolix Max it is necessary to go into the «installer» menu. To do this, press the «left arrow ◀ » and «right arrow ▶ » and  at the same time for three seconds.

The following screen then appears:



Tip:

- Important: the first pages of the installer menu are the most important as they require setting for the house concerned. The next pages are optional and refer to specific installations (presence of ground-connected heat exchanger, etc.)
- During installation, the button  enables you to go back to the previous stage.
- During installation, the button  enables you to «skip» the next stages and go directly to the end of the configuration menu.

5.4.1. Choosing the language



The relevant screen is the following:

Place the line under the desired language (FR for French and UK for English) using the navigation keys ◀ and ▶ then confirm with the central key .

When the OK symbol appears, the choice of language is confirmed.

5.4.2. Adjusting the flows

Duolix has optimum flow management to limit energy consumption as much as possible while complying with regulations in force. It adjusts the extraction flow and air flow with precision in accordance with the order to activate the large kitchen flow or not.

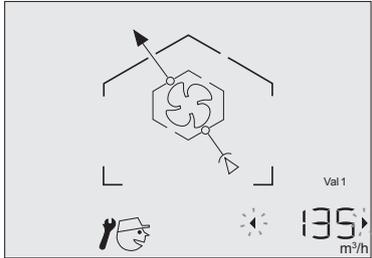
To do this, it is necessary to provide the unit with two flow values. These two values are given in the table below according to the configuration of the house:

Certified Configurations

						
Accommodation	nb Bathrooms	nb WC	nb Washrooms	PV Flow	GV Flow	PV Flow
				m3/h	m3/h	W-Th-C
2 rooms	1	1	0	90	90	24.1
	1	2	0	90	90	24.1
3 rooms	1	1	0	90	105	26.6
	1	2	0	105	105	31.9
	1	2	1	120	105	35.8
	2	2	0	135	105	40.2
	2	2	1	150	105	45.7
4 rooms	1	1or2	0	105	120	32.1
	1	1or2	1	120	120	36.0
	2	1or2	0	135	120	40.4
	2	1or2	1	150	120	45.9
	3	1or2	0	165	120	49.6
5 rooms and more	1	1or2	0	105	135	32.3
	1	1or2	1	120	135	36.2
	2	1or2	0	135	135	40.6
	2	1or2	1	150	135	46.1
	3	1or2	0	165	135	70.5

Configurations Outside Certification

						
Accommodation	nb Bathrooms	nb WC	nb Washrooms	PV Flow	GV Flow	PV Flow
				m3/h	m3/h	W-Th-C
5 rooms and more	3	1or2	1	180	135	73.8
	3	3	1	195	135	82.3
	3	4	1	210	135	100.0
	4	3	1	225	135	120.4

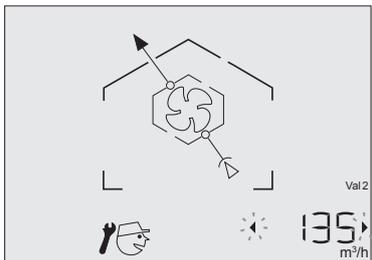


Provide the control with the «Val 1» value from the previous table.

Use the navigation arrows ◀ and ▶ to increase or reduce the desired flow value.

Then validate the desired value by pressing 

When the symbol OK appears, the choice is confirmed.



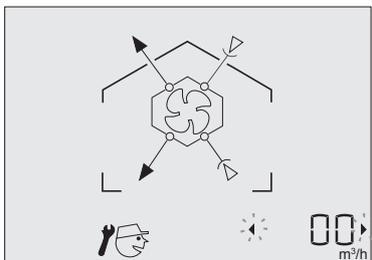
Provide to the control with the value «Val 2» from the previous table.

Use the navigation arrows ◀ and ▶ to increase or reduce the desired flow value.

Then confirm the desired value by pressing 

When the OK symbol appears, the choice is confirmed.

5.4.3. Adjusting the imbalance



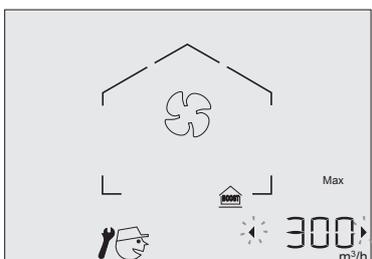
Use the navigation arrows and to modify the imbalance:

- Pressing the left arrow ◀ reduces the air injection flow (for an unchanged extracted air)
- Pressing the right arrow ▶ increases the air injection flow (for unchanged extracted air);

Then validate the desired value by pressing 

When the Ok symbol appears, the choice is confirmed.

5.4.4. Adjusting the night cooling flow



Use the navigation keys ◀ and ▶ to increase or reduce the desired flow value during night cooling activation.

Then validate the desired value by pressing 

When the Ok symbol appears, the choice is confirmed.

5.4.5. Choice of night cooling management mode

The Duolix MAX manages by default, automatically, night cooling in accordance with certain temperature conditions. For example, during a summer's night, the system will increase the ventilation flow (to the value set in the previous chapter) when the temperature conditions are satisfactory to benefit from efficient night cooling.

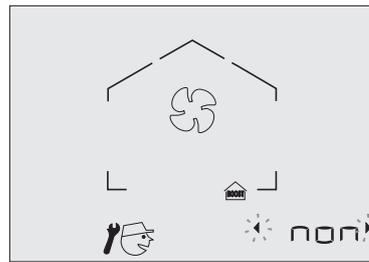
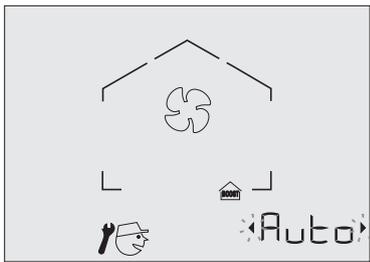
If, in some cases, the occupier does not want the device to control night cooling, the parameter needs to be modified.

N.B.

In all cases, this choice does not deactivate the option of manual night cooling if required by the occupant.

When the following page appears, choose:

- «Auto» so that the Duolix MAX manages night cooling automatically.
- «No», for no automatic night cooling.



Use the navigation keys to switch from «No» to «Auto» ◀ and ▶ vice-versa.

Then confirm the choice by pressing .

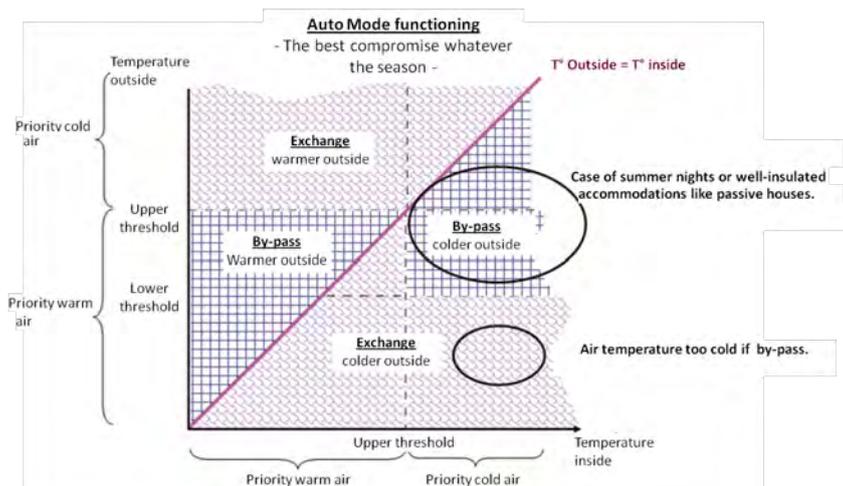
When the OK symbol appears, the choice is confirmed.

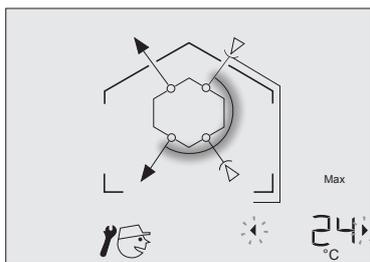
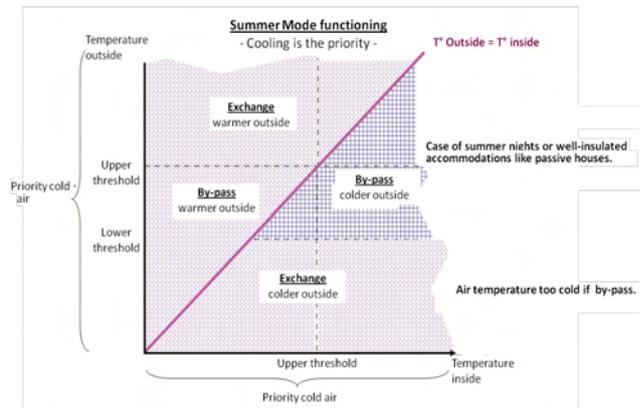
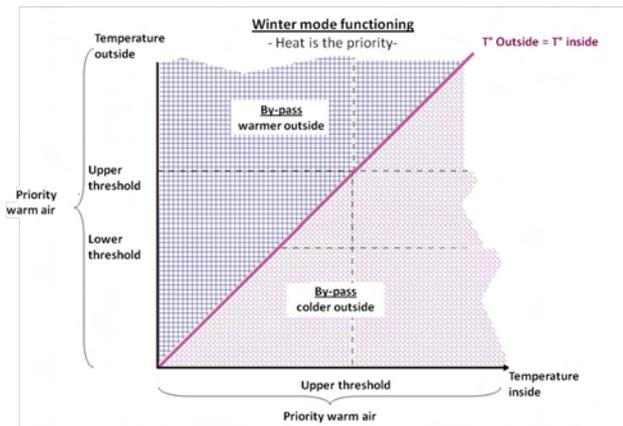
5.4.6. Adjusting the by-pass parameters

The default values are those recommended by Atlantic.

It is possible to adjust the upper and lower temperature thresholds for activating the by-pass.

Operating principles:



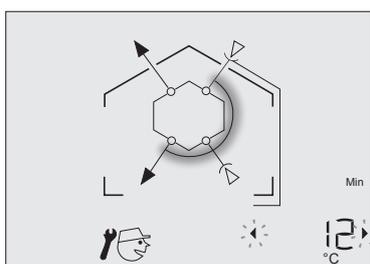


Upper threshold value: (recommended as 24°C)

Use the navigation arrows ◀ and ▶ to increase or reduce the upper temperature threshold.

Then confirm the desired value by pressing 

When the Ok symbol appears, the choice is confirmed.



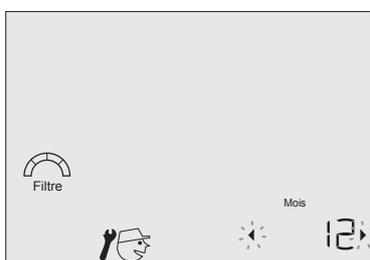
Lower threshold value: (recommended as 12°C)

Use the navigation keys ◀ and ▶ to increase or reduce the lower threshold value.

Then confirm the desired value by pressing 

When the OK symbol appears, the choice is confirmed.

5.4.7. Adjusting the filter's service life



Use the navigation keys ◀ and ▶ to increase or reduce the filter's service life before the alarm (can be adjusted from 8 to 24 months with a factory setting of 12 months).

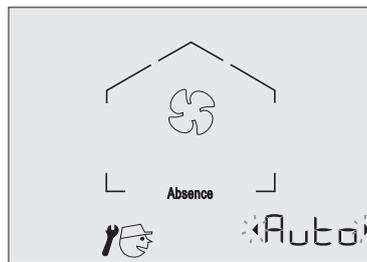
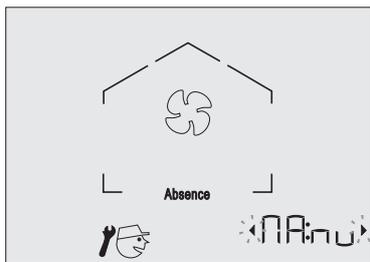
Then confirm the desired value by pressing 

When the OK symbol appears the choice is confirmed.

5.4.8. Choosing the absence management mode

The Duolix MAX enables you to reduce the flows when the occupant is not at home. There are two management modes:

- Default, with no additional options, the occupant may, before his departure, activate absence mode and program the time he will be absent. The unit then reduces its flowrate in accordance with the programmed value during the time set by the occupant, but if the occupant returns before the set period of time, he can cancel the absence mode.
- If the presence sensor option (part no.: DIP code 323 020 exposed or 323 021 enclosed) was chosen and installed, the occupant may choose to activate the «auto» absence mode before he leaves. The unit then reduces its flowrate in accordance with the programmed value until it detects the return of the occupant. (see wiring details in the appendix).



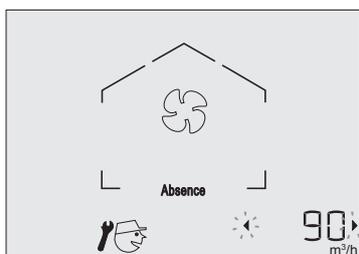
Use the navigation keys ◀ and ▶ to switch from «Man» to «Auto» and vice-versa.

- If the sensor option has been chosen and installed: select «Auto»
- If the option has not been chosen: choose «Man».

Then confirm the desired value by pressing 

When the OK symbol appears, the choice is confirmed.

5.4.9. Adjusting the absence flow



The flowrate needs to be adjusted when the absence function is activated.

Use the navigation arrows ◀ and ▶ to increase or reduce the desired flowrate when activating absence mode.

Then confirm the desired value by pressing 

When the Ok symbol appears, the choice is confirmed.

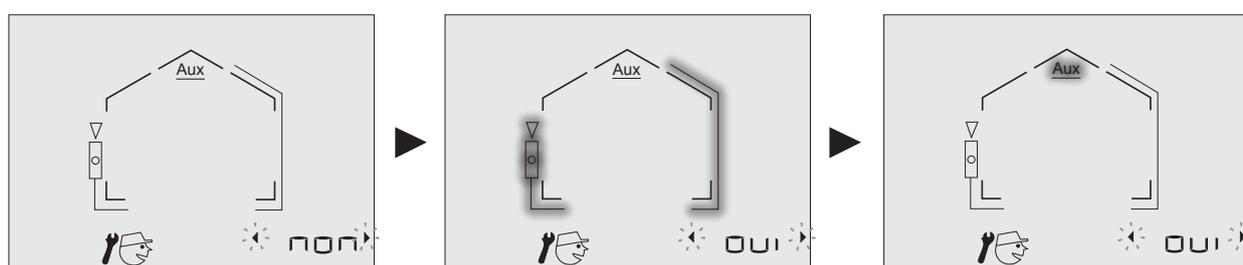
	Number of main parts			
	2 / 3 / 4	5	6	7
Maximum total flowrate (m ³ /h)	90	105	120	135
Minimum flowrate in kitchen (m ³ /h)	45	45	45	45

5.4.10. Defining the connected accessories

The Duolix MAX offers the option to be able to manage accessories like a ground-connected heat exchanger or other systems.

In the case of a ground-connected heat exchanger, the Duolix MAX manages the valve choosing the source of fresh air (ground-connected heat exchanger or not).

Refer to the appendix for information on the electrical connection of these auxiliaries.



Use the navigation keys ◀ and ▶ to select:

- That there are no connected accessories.
- The presence of a ground-connected heat exchanger
- The presence of an auxiliary

If ground-connected heat exchangers have been chosen, refer to the following paragraph.
If another choice was made, refer to paragraph 5.4.12 «End of configuration»

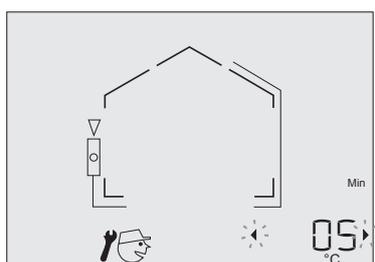
5.4.11. Defining the thresholds for the ground-connected heat exchangers

The Duolix MAX can control a ground-connected heat exchanger valve.

The principle is to supply the Duolix MAX central unit via the ground-connected heat exchanger air inlet when the external air is below the minimum threshold (5°C for example) or above the max. threshold (25°C for example) in order to heat the fresh air in winter and cool it in summer.

In the temperature range between these thresholds, the duct is negligible; it is therefore preferable to pass through the fresh air inlet directly.

The Duolix MAX therefore controls this valve managing the fresh air source to be used in the house.



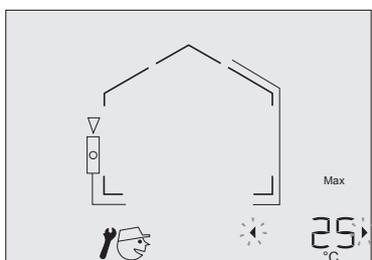
Lower threshold value: (recommended as 5°C)

Use the navigation keys ◀ and ▶ to increase or reduce the value of the lower threshold.

Then confirm the desired value by pressing 

When the Ok symbol appears, the choice is confirmed.

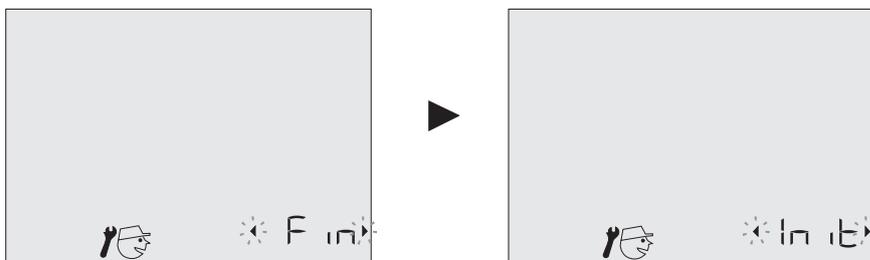
Upper threshold value: (recommended as 25°C)



Use the navigation keys to increase or reduce the value of the upper threshold.

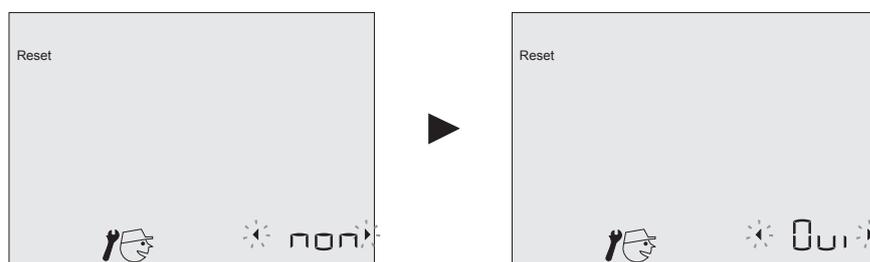
Then confirm the desired value by pressing . When the Ok symbol appears, the choice is confirmed.

5.4.12. End of configuration



Use the navigation keys ◀ and ▶ to validate the end of configuration «End» or initialisation «Init» enabling the factory settings to be returned to.

- If «End» is selected and confirmed by pressing  : configuration is complete.
- If «Init» is selected and confirmed by pressing  : the following screen is displayed.



Use the navigation keys and to switch from «yes» to «no».

- «Yes» reinitialises the parameters to their factory settings
- «No», finalises the configuration and saves the previously defined values.

Then confirm the desired value by pressing 

When the OK symbol appears the choice is confirmed.

6. APPENDICES

6.1. Managing an external night cooling device

6.1.1. Operating description

The Duolix MAX offers the option of controlling a device that assists with night cooling.

This consists of either:

- an external fan on a dedicated network
- and/or one or more valves on the existing ventilation network to assist with air injection and the extraction at a particular location in the house.

(Refer to the diagram for the various examples -contact Atlantic)

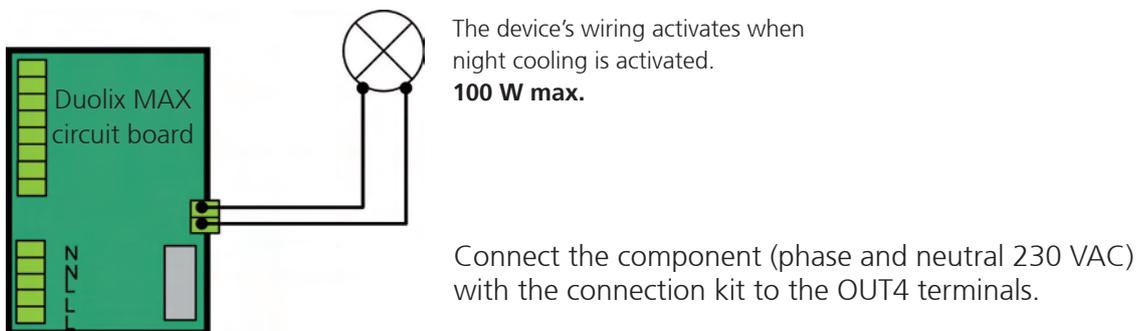
6.1.2. External night cooling wiring kit

Connector kit part no: 412093

Example of adapted valve: RM 125

Example of fan: VCM EASY (part no.: 123 164)
VCM 160 AXP (part no.: 123 084)
VCM 200 AXR (part no.: 533 020).

Max. power of the external night cooling device: 100 W with a min. 0.9 phi cos



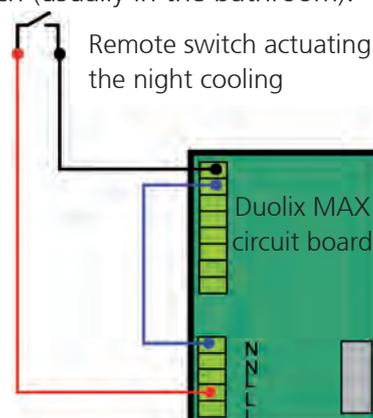
6.2. Option to control the night cooling via a remote switch

The Duolix MAX provides the option of controlling the night cooling (either internally or externally) by the mobile control, of course, but also a wired remote switch (usually in the bathroom).

6.2.1. Night cooling remote control wiring

Connector kit part no: 412 093

Connect a switch to the connector kit on the «IN1A» and «IN1B» terminals as the following diagram illustrates:



6.3. Managing ground-connected heat exchanger

6.3.1. Operational description

The Duolix MAX can control a ground-connected heat exchanger valve.

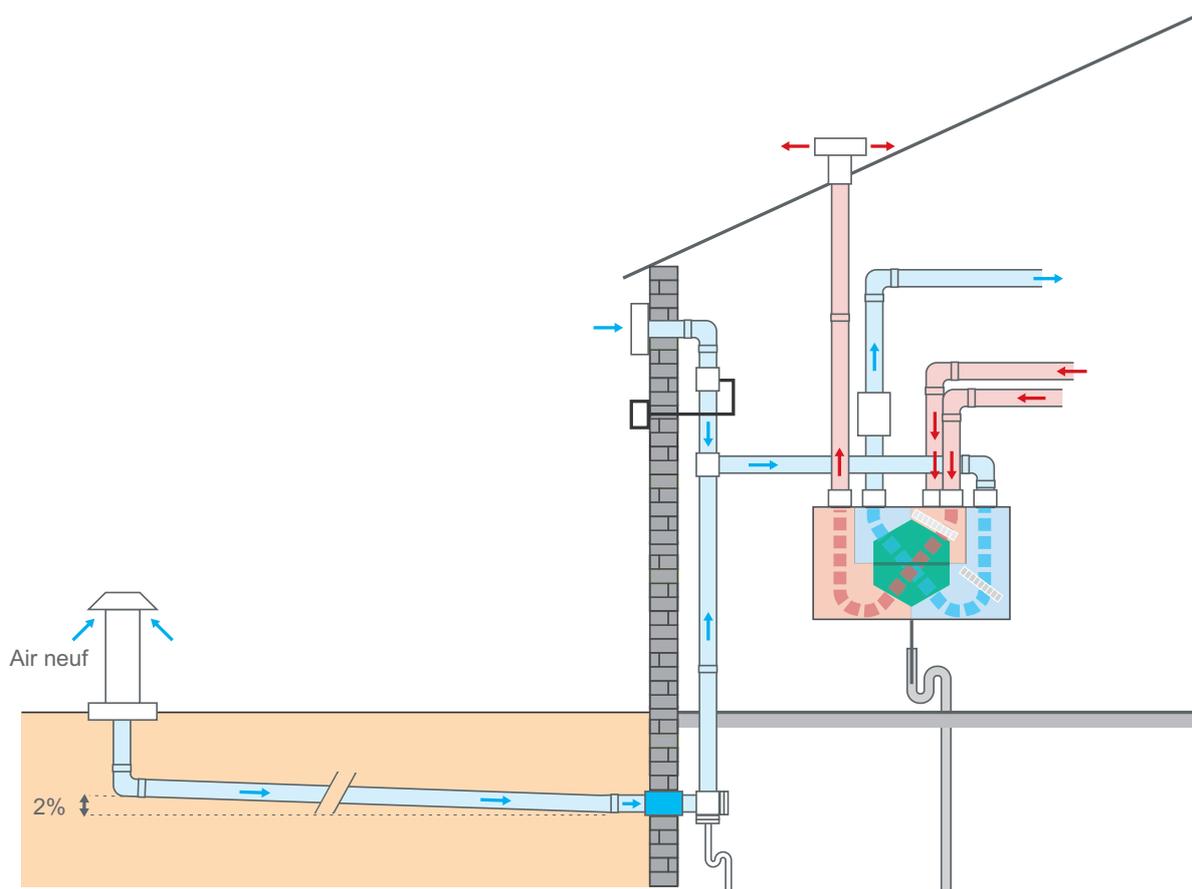
The principle is to supply the Duolix MAX central unit via the ground-connected heat exchanger fresh air inlet when the external air is below the minimum threshold (5°C for example) or above the max. threshold (25°C for example) in order to heat the fresh air in winter and cool it in summer.

Within the temperature range between these thresholds, the duct is negligible, it is therefore preferable to pass through the fresh air inlet directly.

The Duolix MAX controls this valve by managing the source of fresh air used in the house.

N.B.:

These min. and max. thresholds can be adjusted in accordance with the installation. (See chapter 5.4.10)



6.3.2. Ground-connected heat exchanger wiring

Connector kit part no: 412,093

Ground-connected heat exchanger kit (All or Nothing valve RR125-M1 part no. 523 845; 1 kohm ext. sensor part no.: 412 094)

The valve should be placed on the fascia air inlet and in the normally closed position (see diagram above). If the external temperature is below 5°C or greater than 25°C (default) the air will pass through the ground-connected heat exchanger and OUT5 will activate.

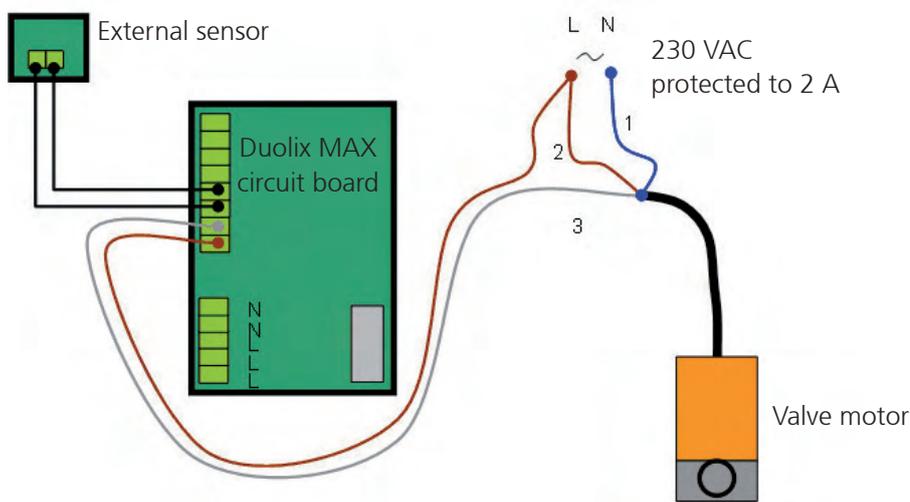


CAUTION: It is very important to position the selector in the valve motor's direction of rotation in the correct position so that the valve is open between 5 and 25°C (passage of the air mainly through the fascia).

The cables used must be dual-insulation conductors (stripped back 5 to 8 mm), with a cross-section of 0.75 mm², at least H 05 W-F type and compliant with the current standards.

The external temperature sensor must be positioned in the shade (north-facing wall) and at a height of at least 1 m 50 from the ground.

Adhere to the following connection diagram:



6.4. Basic management of an auxiliary

6.4.1. Description of the operation

The Duolix MAX enables an auxiliary to be controlled via its mobile control. This auxiliary may be an air valve for example.

(See the diagram for the various examples - contact us)

Relevant example:

- Limit the use of the anti-frost function to improve the efficiency of the Duolix MAX in cold or very cold regions: valve on the fresh air network enabling a source of temperate air to be mixed with the fresh air, in a non-living area (garage, cellar, etc.)
- Recovers the energy from the crawl space for the summer: valve activating additional extraction at VS level or not.
-

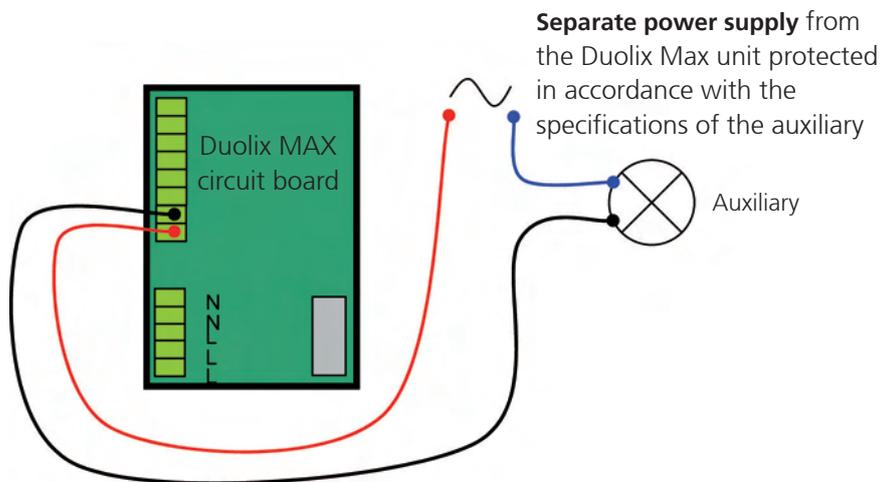
6.4.2. Auxiliary wiring

Max. output of the auxiliary: 1500 W



CAUTION: The output is a «dry contact» type to supply an external component via an external power supply. (see diagram below)

Provide a dedicated circuit breaker for this supply.

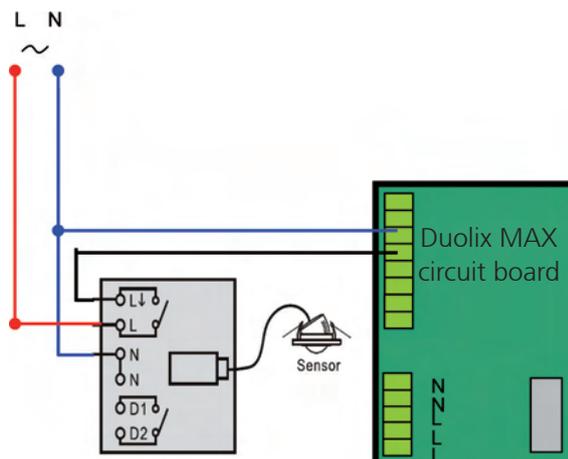


6.5. Managing the absence function using a presence sensor

6.5.1. Description of the operation

If the presence sensor option (part no.: DIP code 323 020 exposed or 323 021 enclosed) was chosen and installed, the occupant may choose to activate the «auto» absence mode before leaving. The unit reduces its flowrate in accordance with the programmed value until the unit detects the return of the occupant to their house.

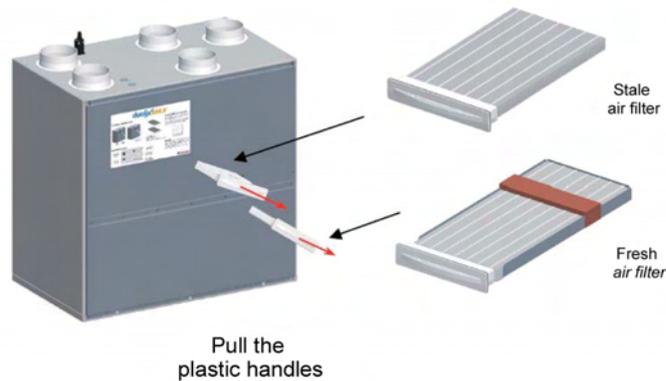
6.5.2. Presence sensor wiring



6.7. Maintenance of the Duolix MAX unit

6.7.1. Duolix MAX unit upkeep

Upkeep of your Duolix MAX starts with changing your filters regularly.



CAUTION: The upkeep of your Duolix MAX (changing the filters) never requires the large protective cover with the flash sticker to be removed

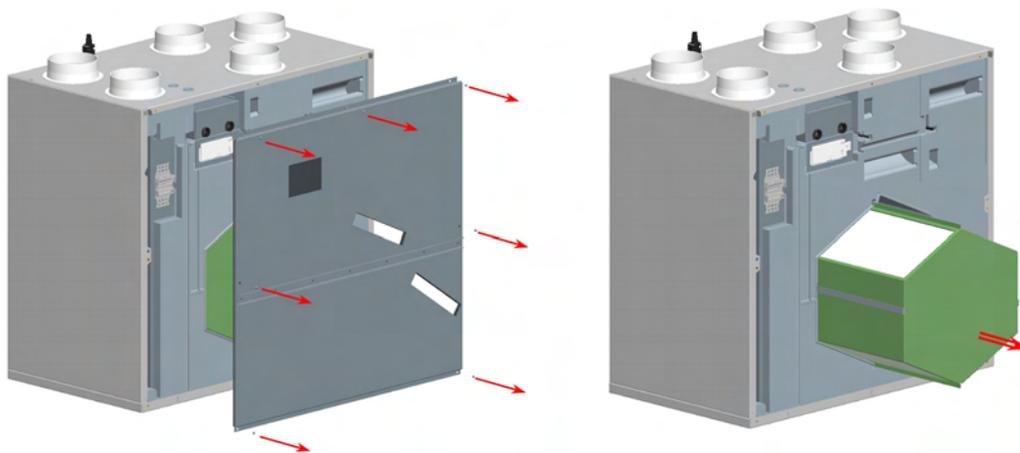
Regularly (at least every 13 months), if you do not have a annual service contract, contact your installer for more in-depth cleaning of your Duolix MAX (cleaning the exchanger, the condensation basin, etc.) This type of maintenance should be performed by a qualified person.

6.7.2. Maintenance of the Duolix MAX unit by qualified personnel.

CAUTION: Switch off the electrical supply to the device without fail before opening the protective metal cover.

Remove the white, polymer fascia.

Unscrew the seven metal fascia screws.



Remove the exchanger by pulling it towards yourself.

Place the exchanger in slightly soapy warm water.

Rinse well.

Leave it to drip dry for a few moments.

During this time, check and clean the condensation basin (check that the drain is not obstructed).

Check the cleanliness of the fan turbines;

Replace the exchanger ensuring that it is correctly positioned in its runners

Refit the metal fascia

Screw it on.

Refit the white polymer fascia.

Australia

4/13-25 Church Street
Hawthorn, Victoria
Free Call: 1800 677 857
Web: www.atlantics.com.au
Email: sales@atlantics.com.au

New Zealand

PH: 0800 422 000
Web: www.atlantics.co.nz
Email: sales@atlantics.co.nz

**Head office:
Atlantic Climatisation et Ventilation**

13, Bd Monge - ZI - BP 71 - 69882 Meyzieu Cedex
Tél. 04 72 45 11 00 - Fax 04 72 45 11 11
www.atlantic-pros.fr



Installer's stamp:

