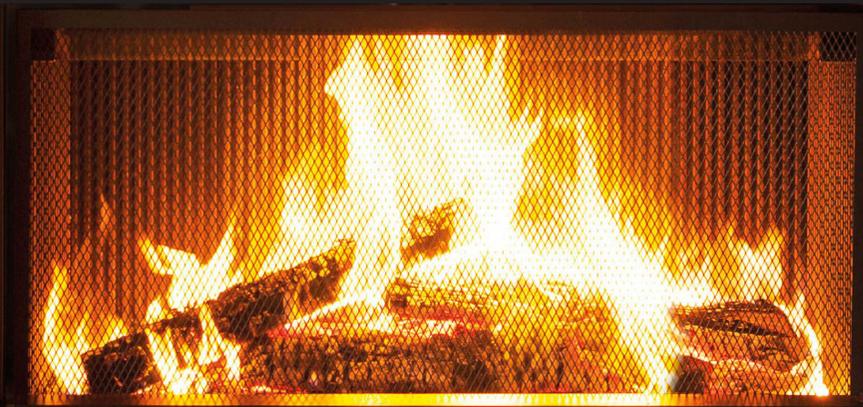



DIAMOND⁺
deluxe collection



TOUCH - SWIPE - ENJOY



Manual Swipe Luna Diamond Plus

Start-up

In the first operation, the screen appears with the software version (screen 1). Then, each use, the Swipe will start with the logo screen and the main screen

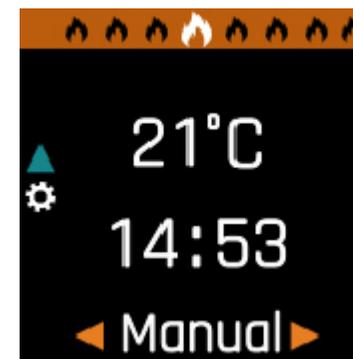


Ecran 1

If intervention must be done on your device, it is necessary that your dealer have knowledge of the software in the swipe. Disconnect and reconnect the system outlet. The current software version appears for a few seconds on the screen. Write it down.

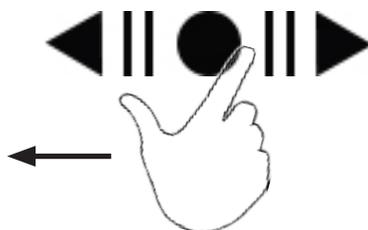


Ecran Logo

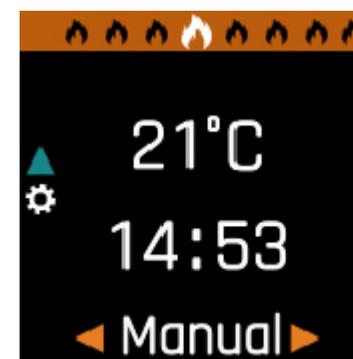
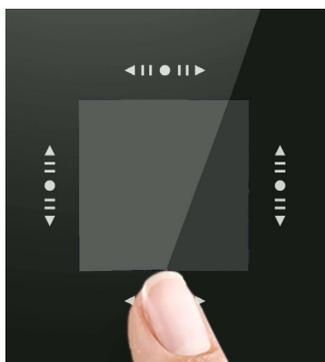


Ecran principal

Important: Do not press the screen with force, “éffleurement” on the functioning of arrows is enough.



If the “Swipe” is not used for a few minutes, the Swipe enters standby mode. Tap with your finger one of the arrows control . The M-Design logo will appear for a short time on the main screen.



Réglage

It is only possible to access the settings from the main screen

You can identify the main screen with following symbols: blue arrow pointing upwards:

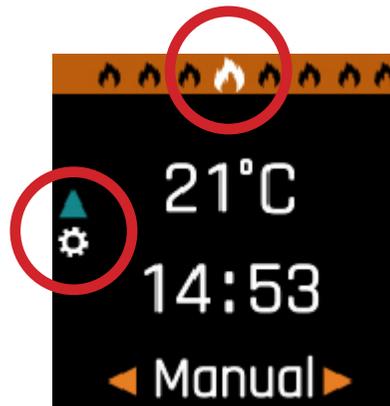
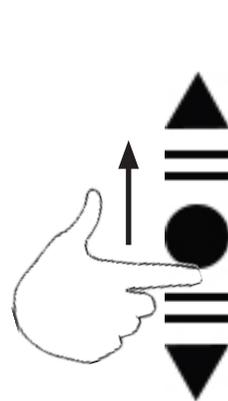


and in the top bar, the middle flame symbol (largest) must be highlighted:

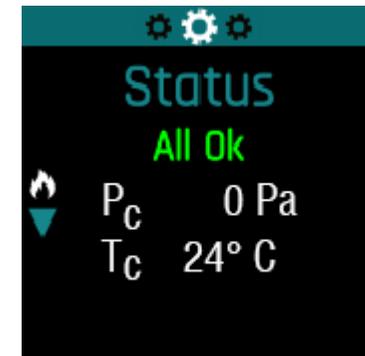


If this middle flame is not marked, you only need to swipe your finger on control arrows to move the flames.

Swipe your finger up on the control arrows to the left of the screen: the "Status" screen will appear



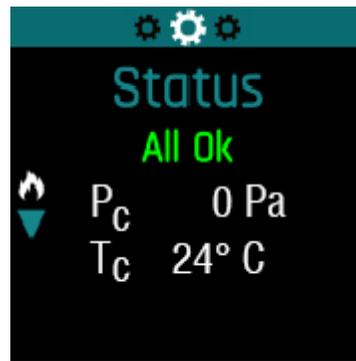
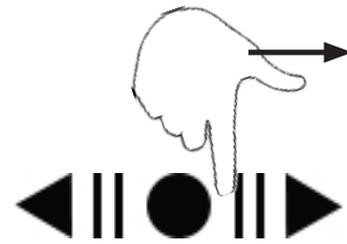
Main screen



"Status" screen

Only from this screen, you can go to "Settings"

Move your finger to the right to get the "Settings" screen

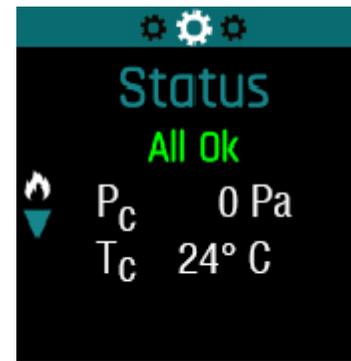
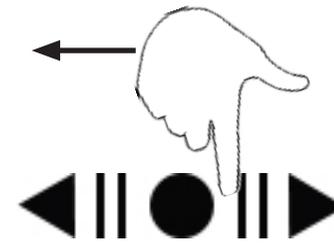


"Status" screen



"Settings" screen

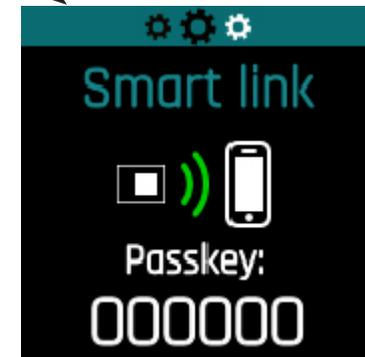
Move your finger to the left to view the screen "Smart Link"
(Connection with ipad, android,)



Ecran "Status"

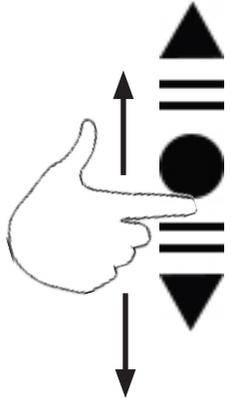
Download our free app on an Apple or Android Store. Search on "M-control" and download.

On the "SmartLink" screen appears "searching". When starting the app on your smartphone or tablet, press the "swipe" your smartphone or tablet found.

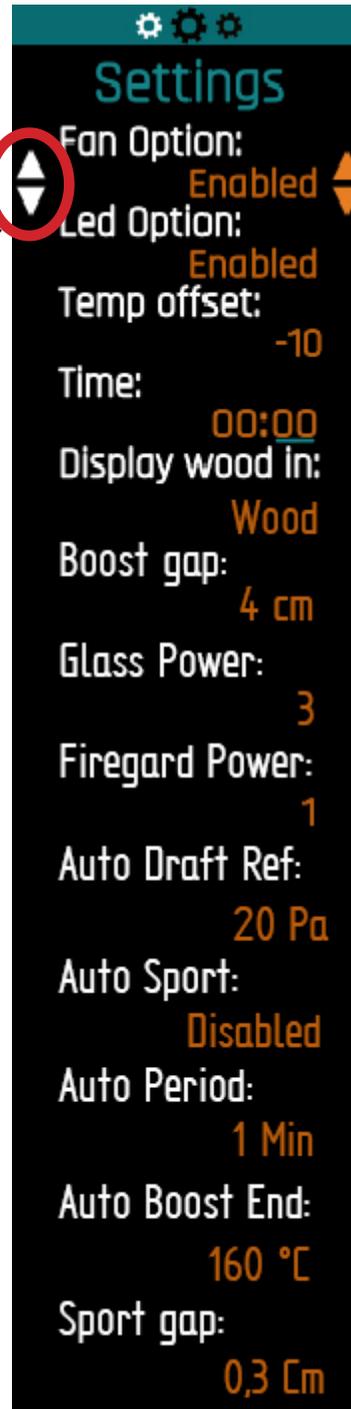


The Swipe gives a code. Please type the code into your smartphone or tablet. As from now you can control your fireplace the same as the "Swipe" with the same menus as shown in this manual.

“Settings” screen



Swipe on
the white arrows
to choose
desired settings

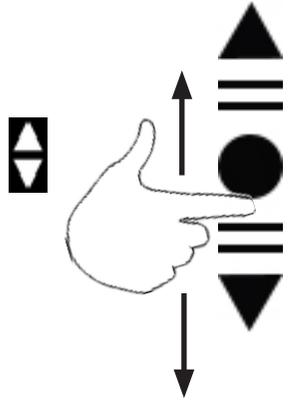


Fan option : A fan is an option. If your fireplace is equipped with a fan, set this to Enabled.

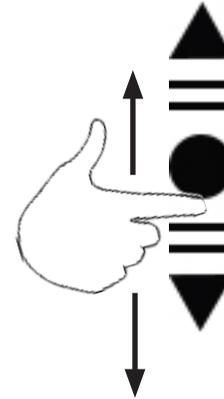
Option Led: A LED light strip is an option. If your fireplace is equipped with, set this to Enabled.

Setting TIME

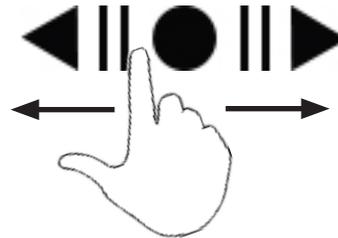
Position the arrows next to "TIME"



Swipe up or down to adjust the hour and minute



setting time
(Green line below hours)



Swipe your finger to choose TIME MINUTES:
the green line jumps of TIME to MINUTES



setting minutes
(Green line below minutes)

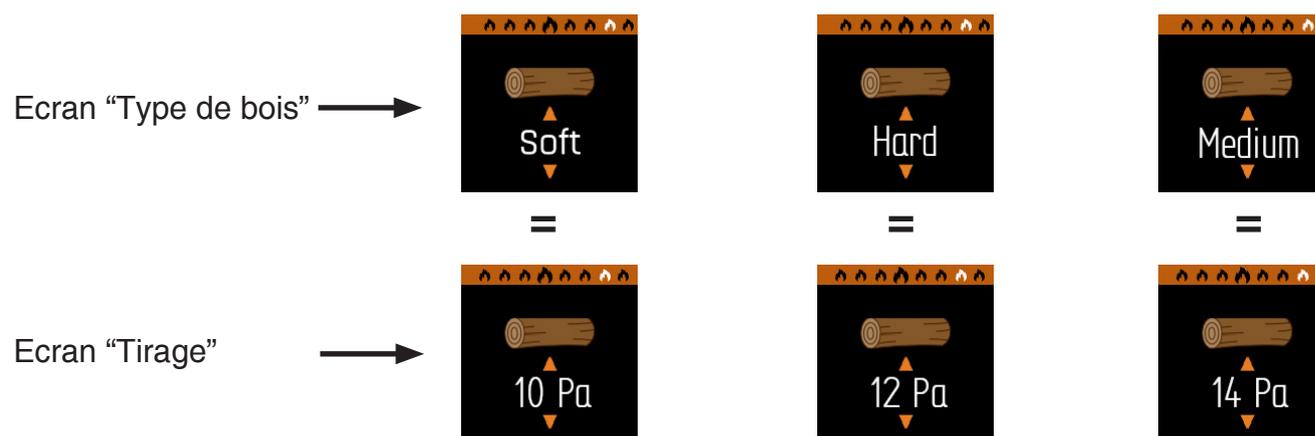


Temp offset : de -10 à +10 : This setting controls the temperature difference relative to an existing thermostat in the room where the unit operates. If the swipe is for example at 18 ° C and the room thermostat at 20 ° C, it is necessary to offset +2.



Display wood in : “Wood” ou “Pascal”

You can select according to the type of wood: SOFT - MEDIUM - HARD or to the draft of the chimney: 10-12 or 14 Pa. One of two screens will appear depending on your choice. See the comparison below, depending on the wood used.



Boost gap : used to give extra oxygen when starting the appliance (turbo effect) and also when you add new wood. At the startup it is important to provide a small opening of the window, the “gap Boost”, which is adjustable from 0-9 cm (depending on the chimney draft). If you have a good chimney draft, reduce this value to 2 cm. The “Boost gap” thus determines the opening of the window in an automatic cycle. In automatic cycle after starting the fire, the window is positioned automatically to the desired aperture (from 0 to 9 cm). When the programmed temperature is reached (see Auto Boost End), the window closes automatically.

Glass Power: 3

Glass Power : from 1 to 5 : With this setting, the power of the motor can be determined during the opening and closing of the window (default: 3). If the window does not close easily and stops during the movement up and down, you can increase this value to give more power to the engine. (Same for Fireguard Power).

Fireguard Power: 1

Fireguard Power : from 1 to 5 : With this setting, the power of the motor can be determined at the opening and closing of the fireguard (default: 1)

Auto Draft Ref: 20 Pa

Auto Draft Ref : 10 - 15 - 20 of 25 : Leave this standard to 20Pa (This is the average draft of a warm chimney)

Auto Sport: Disabled

Auto Sport : Enabled - Disabled.

Auto Period: 1 Min

Auto Period : 1 to 5 min (standard 1 min). After the period “boost” and during the automatic cycle, each 1 minute is performed a measurement of the draft. With this measure, the valve for the primary and secondary air is adjusted automatically (see explanation with example on the last page).

Auto Boost End: 160 °C

Auto Boost End: 120 - 140 - 160 - 180 of 200°C : This is the temperature that is configured to determine when the window closes automatically after the fire starting in an automatic cycle. With the automatic mode, the window is ajar for a fixed and predetermined period of 5 min with the preset Boost Gap. If, after 5 minutes, this temperature is not reached, the window closes completely. (Standard = 160 ° C)

Sport gap: 0,3 Cm

Sport gap (“Sports” combustion) : 0.1 to 2 cm in steps of 0.1 cm. At any time you can rekindle the fire. This is done by opening the window slightly. This allows the fire to receive additional oxygen. The distance from the opening can be set with Sport gap.

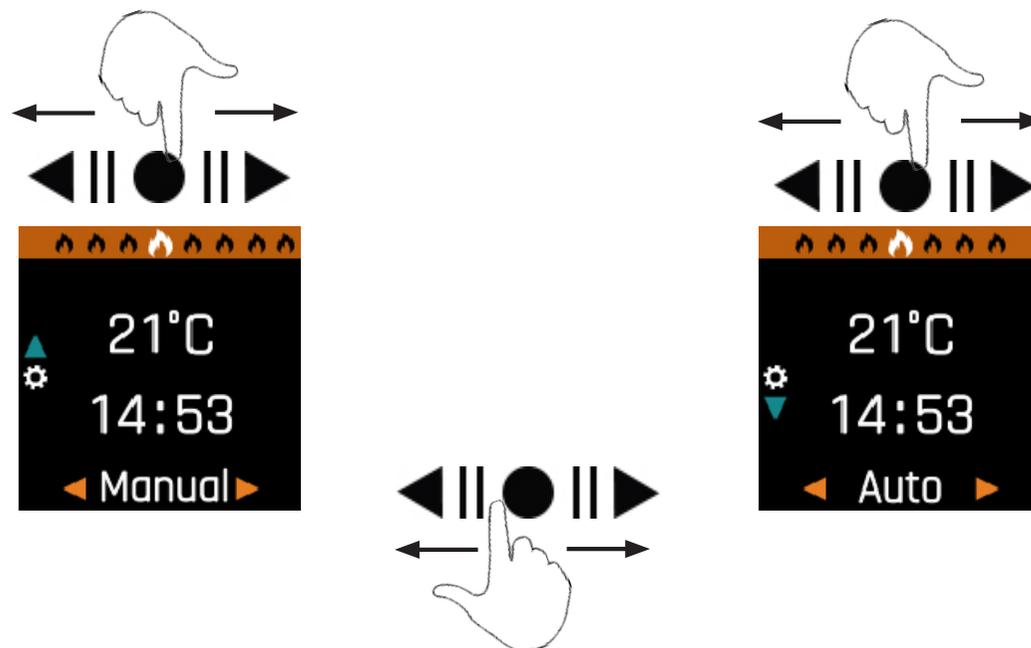
Utilisation en mode manuel :

From the main screen, swipe to the right or left to get the screens of manual commands.

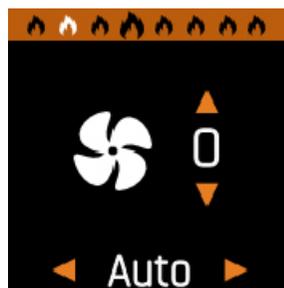
Select Manual or Auto. By choosing the “Auto” mode, the fire will be automatically regulated according to the values set in “Settings”.

See: AutoPeriod - Auto BoostEnd - Boost Gap..

IMPORTANT: if the device is in automatic mode, the unit will come in manual mode after each manual selection. To return to automatic mode, switch back to the main screen and select “Auto”.



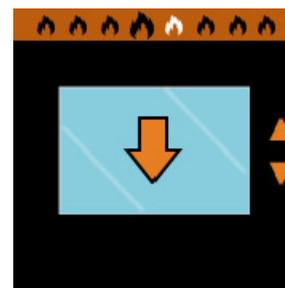
RGB LED settings



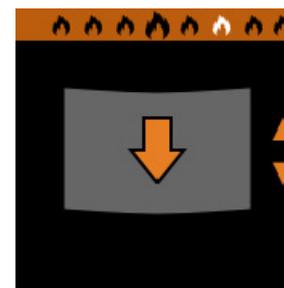
Fan control



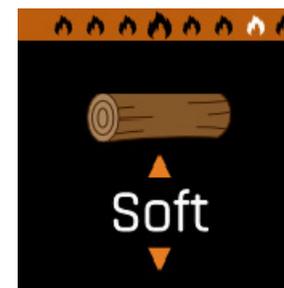
height adjustment flames



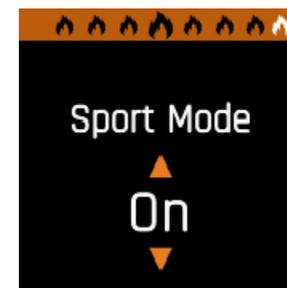
open and close window



open and close fireguard

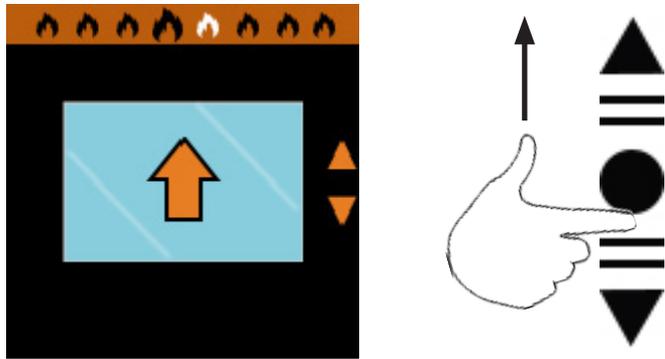


Wood choice :
Soft-Medium-Hard



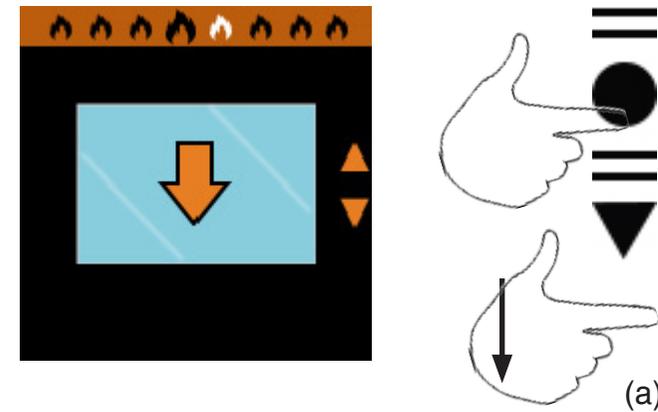
Sport Mode
On/Off

Opening the window



Swipe up. After loosening of your finger, the glass continues to rise. To stop the window, tap again the arrows controls.

Closing the window

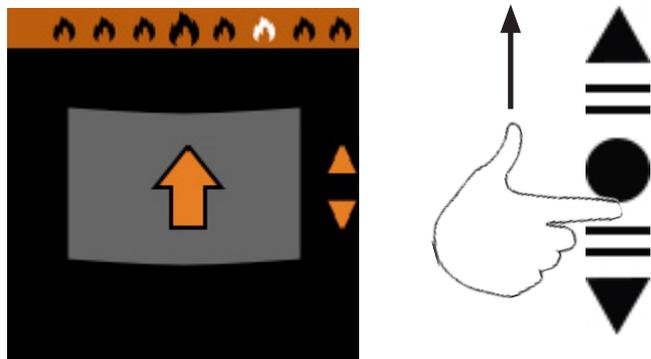


Swipe down and stick your finger in contact with the swipe up to position (a) and this until you get the desired position of the glass. After loosening the finger, the window stops. Repeat this movement until the desired position.

Note: the glass does not come down in a continuous movement and this for security reasons.

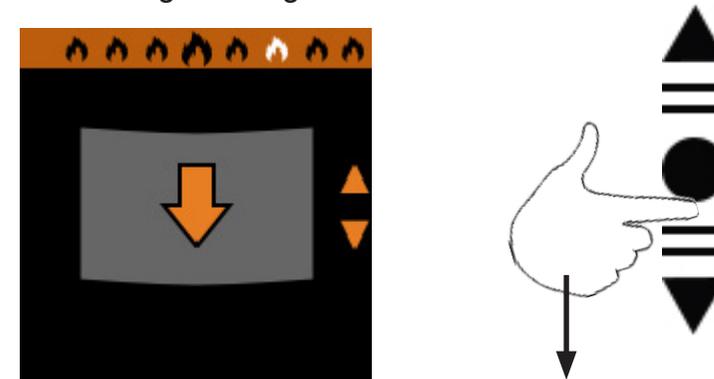
Opening the fireguard

Important: The fireguard automatically rises when you close the window. This is done for security reasons and to avoid overheating of the fireguard.



Closing the fireguard

Important: When you close the fireguard, the window comes up automatically. This is done for reasons of security and prevent overheating the fireguard

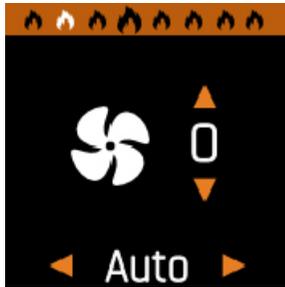


height adjustment flames

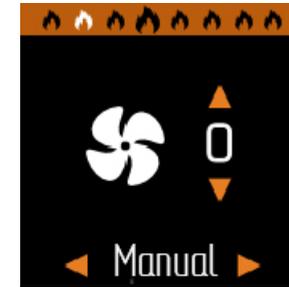
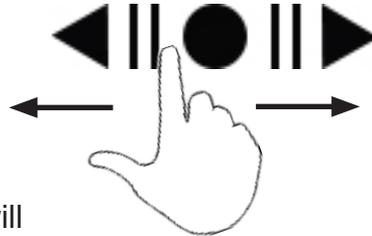


Diamond Plus features a motorized valve for primary and secondary air. With a swipe movement up or down on the control arrows, you can adjust the air intake.

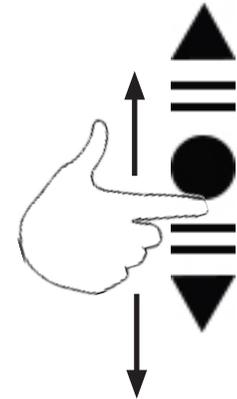
Fan control



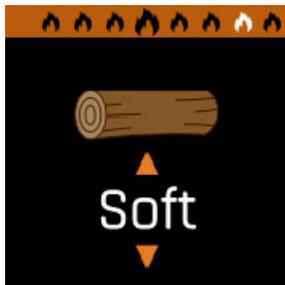
Automatic adjustment :
The fan has a thermostat. At 50 ° C the fan will turn on. At 30 ° C the fan will stop.



Manual setting:
You can adjust the fan speed manually from 0 to 5. This position will be maintained when the fan turns on in thermostatic mode.



Wood choice



Depending on the wood you use, choose the position **SOFT** - **MEDIUM** or **HARD**

SOFT : Softwood: Birch, Alder, Poplar

- rapid combustion

MEDIUM : Medium Wood: Chestnut, Cherry, Fruit tree

- slow combustion

HARD : Hard Wood : Beech Oak Ash charm

- very slow combustion

Caution: If the appliance is in automatic mode and you made a change in the “Wood choice”, you must return to the main screen to set the appliance in automatic mode.

Sport Mode



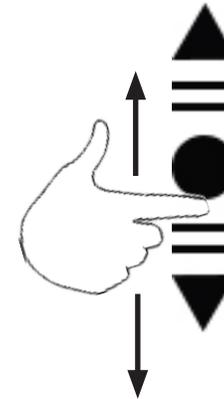
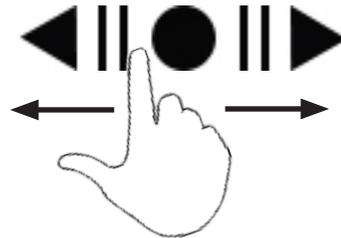
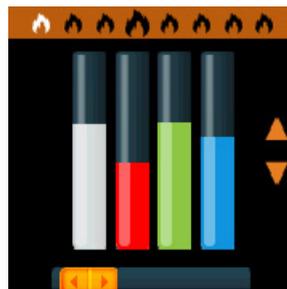
Here is started the “sport” mode.

You will get a flame more “thick” and “rotating”. This creates a larger consumption wood.

Use this setting if the chimney draft seems low.

Caution: If the appliance is in automatic mode and you made a change in the “Sport Mode”, you must return to the main screen to set the appliance in automatic mode.

LED lighting



Depending on the position of the cursor, you can adjust the color intensity.

For a white light, adjust the red headband, green and blue Max, as in the picture.

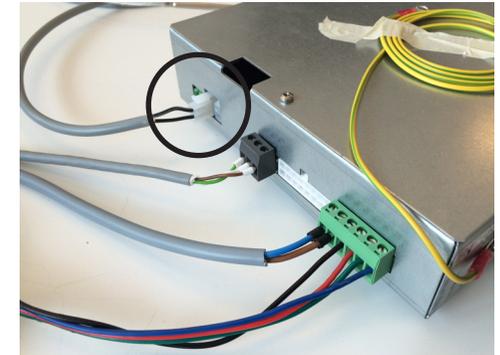
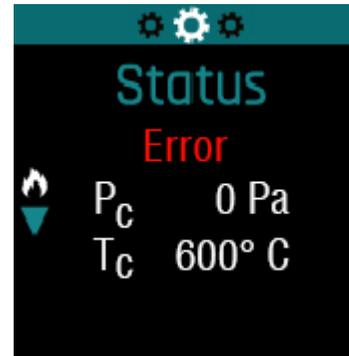
Move the orange cursor below the band you want to adjust. The white band on the left is used to adjust the intensity. By “playing” with the red-green and blue you get the desired color.

Additional information:

Probe for measuring the temperature

The device has a probe for measuring temperature. The appliance will not work correctly if the probe is not connected or broken.

If you encounter a problem, go to the screen "STATUS" and control the value T_c . If T_c indicates 600°C , the sensor may not be properly connected or it is defective.



Automatic Cycle Mode (Auto Draft en Auto Draft Period)

A full automatic cycle is $T_1 + T_2 + T_3 + T_4$ minutes

T_1 = period during which the glass is in position Boost Gap (standard 4 cm) and in which the primary air inlet valve and secondary is fully open (100%).

T_2 = period in which the primary and secondary air intake valve is fully open (100%).

T_3 = period during which happens one interaction between the chimney draft and the adjustment of the primary air and secondary inlet valve.

It is during this period that the Auto Period setting (standard 1 min.) and Auto Ref Draf (standaard 20Pa) take his importance and this together with the choice of wood or SOFT-MEDIUM HARD

T_4 = period in which the primary and secondary air intake valve is fully open (100%)

Step	Input				opening air intake			Window	Action	Period (minutes)						
	draft measurement				Soft	Medium	Hard			Wood "Soft"		Wood "Medium"		Wood "Hard"		
										cold	warm	cold	warm	cold	warm	
Step 0					100% (Prim. + Sec.)			Boost	chimney temp. >160°C (with Auto Boost End) -> see step 1	5 min	5 min	5 min	5 min	5 min	5 min	T1
Step 1										6 min	3 min	8 min	6 min	10 min	8 min	T2
Step 2a	30	35	40	45	0%	0%	0%	Closed	every 1 minute (adjustable with <u>Auto Draft Period</u>) there is a jump between step 2a & 2i, as measured by the draft in the chimney	30 min	26 min	34 min	30 min	38 min	34 min	T3
Step 2b	25	30	35	40	0%	0%	17%									
Step 2c	20	25	30	35	0%	17%	33%									
Step 2d	15	20	25	30	17%	33%	50%									
Auto Draft Ref	10	15	20	25	33%	50%	67%									
Step 2f	5	10	15	20	50%	67%	83%									
Step 2g	0	5	10	15	67%	83%	100%									
Step 2h		0	5	10	83%	100%	100%									
Step 2i			0	5	100%	100%	100%									
Step 3	0				100%	100%	100%									
Step 4					0%				end of automatic cycle						0 min	
	K1	K2	K3	K4												

Example:

Take a Draft Auto Ref setting of 15 Pa and Auto Period of 1 minute and a choice of wood SOFT. The automatic cycle is going according to the column K2. Every minute the CPU performs a measurement of the draft. If withdrawal of 10 Pa is measured, the air intake valve opens at 50%. The next minute, a new measurement is taken and the unit measure for example, 20 Pa. The air intake valve opens at 17%.

This cycle is repeated for 30 minutes with a cold start by using wood "SOFT" (soft).

Note :

We speak cold start when you want to light the fireplace and it is at room temperature. A warm start is applicable after you start the appliance after an automatic mode and after the fire was extinguished and want revive it.