OPERATION GUIDE

wallas®

IGNITION

Press the **Heat Button** for 3 seconds until the yellow power light appears. When you release the button, the yellow heating light will appear.

Red combustion light will light up when the burner flame has been ignited and the combustion has stabilised (approx. in 5 min). Heater will be fully operational approx. 10 min later.

TEMPERATURE/POWER SETTING

PI Thermo Mode: Set a target temperature (C°/F°)
Manual Mode: Control heating power with knob

Rotate the **Temperature/Power Knob** to the desired temperature (refer to temperature chart on the right) in the PI Thermo Mode or control heating power with knob in Manual Mode.
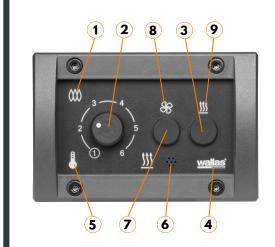
Switch between modes by turning the **Temperature/Power Knob** back and forth to min - max - min quickly.

When the PI Thermo Mode is chosen, the orange thermostat light is on. In Manual Mode, the light is off.

1. Combustion indicator
2. Temperature / Power knob
3. Heat button
4. Power indicator
5. Thermostat indicator
6. Thermostat sensor
7. Ventilation button
8. Ventilation indicator
9. Heating indicator

Temperature Chart for the thermostat in PI Thermo Mode:	
1:	~ 5 °C (~ 41 °F)
2:	~ 11 °C (~ 52 °F)
3:	~ 17 °C (~ 63 °F)
4:	~ 23 °C (~ 73 °F)
5:	~ 29 °C (~ 84 °F)
6:	~ 35 °C (~ 95 °F)

VENTILATION MODE

Ventilation Mode blows fresh air without heating. If the Ventilation Mode is activated when heating is in process, the heater will cool off first, stop and then start ventilation.

Press the **Ventilation Button** down for 2 seconds until the green ventilation light comes on.

Choose the desired blower speed using the **Power Knob.**

To switch back to heating, press the **Heat Button** for 2 seconds until the yellow heating light appears.

AIR BOOST

Air Boost maximizes the air volume for quick defrosting and drying, but does not change the set temperature. Use it either in Manual or PI Thermo Control Mode.

While heating, press the **Ventilation button** briefly (less than 1 sec) once to activate Air Boost. Green ventilation light will come on. To reach the maximum boost level, press the **Ventilation button** again briefly.

When it is pressed for the 3rd time, air volume will be restored back to normal and the green ventilation light turns off.

SUN SWITCH

(IN PI THERMO MODE)

Sun Switch automatically turns the heater off if the temperature remains +3 C (37 F) above the set level for 1/2 hour due to temperuature increase in local ambient conditions.

Orange thermostat light will begin to flash every 30 seconds.

Rotate the **Temperature/Power Knob** slightly to turn the Sun Switch off temporarily.

If heating is still needed, turn the device back on manually.

see ignition

SHUTDOWN

Press the **Heat Button** down for 2 seconds. Yellow heating light will shut off immediately.

Red combustion light will begin to flash for about 5 minutes, while the heater is cooling down.

Heater cannot be restarted until the cool down has completed. The heating mode that was used last upon shutdown will be the same mode when the heater is turned on again.

REMOTE CONTROL

GB heaters can be controlled remotely with a Wallas Remote Control 4430 accessory, which is available for purchase separately. Remote Control deactivates the Sun Switch. Not available in the US.

UNLOCKING THE UNIT

If the unit has locked itself, all three lights at the top of the panel will flash, signaling there has been a failure that should be investigated and resolved prior to further use. Lights will flash for about 5 min.

1) While the lights are still flashing, switch the main power off from the battery (Pull power plug, remove the fuse, open breakers, or in-line switch).

2) Wait for 5 sec. and switch the main power back on.

3) Press Heat Button (3) for more than 3 seconds to shut down the heater.

4) Restart the heater normally.

See instructional video to unlock

HEATER LIGHTS

Indicator	Meaning
Heating on	
Ventilation on	
Air Boost on	
Combustion has begun/is running	
Cooldown/Flameout	
Set temperature is higher than the cabin temperature - power is increasing	
Set temperature is lower than the cabin temperature - power is decreasing	
30 s — 30 s	Sun Switch has shut down the device
10 s — 10 s	In Remote Control Mode
Low voltage (usually about 15 sec after initiating start)	
Overheat	
30 s — 30 s	Reminder indicating there was a fault after fault code flashed for 5 min
Locked for security	

The device locks itself after two unsuccessful starts.

Reach Out to a Professional for the Following:

Indicator	Meaning
2 s — 2 s	Glow Failure
2 s — 2 s	Combustion Air Blower Fault
2 s	Main Blower Fault