

MOULD REMOVER PANEL HEATER

INSTRUCTION MANUAL



Symbols



Warning

This symbol indicates a hazard with a risk level that can result in serious injury or death.



Warning of electrical voltage

This symbol indicates dangers to the life and health of people due to electrical voltage.

Symbols	Meaning
	This symbol indicates that it is prohibited to place objects (such as towels, clothes etc.) against, or directly in front of, the device. To avoid overheating and fire hazards, the device must not be covered.
	This symbol indicates dangers due to a hot surface.
	This symbol indicates that it is prohibited to spray the device.
	This symbol indicates that the operating manual must be read before using the device.

Please Read Before Use

- Thank you for purchasing this heated mould remover.
- Please read the instructions carefully before attempting to install or operate this product.
- Please keep this manual for future reference.

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1. Safety Information
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1. Safety Information

Read this manual carefully before using the device. Keep a copy of this manual for future reference.

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.



Warning

Some parts of this product can become very hot and cause burns. Particular attention must be given when children and vulnerable people are present.

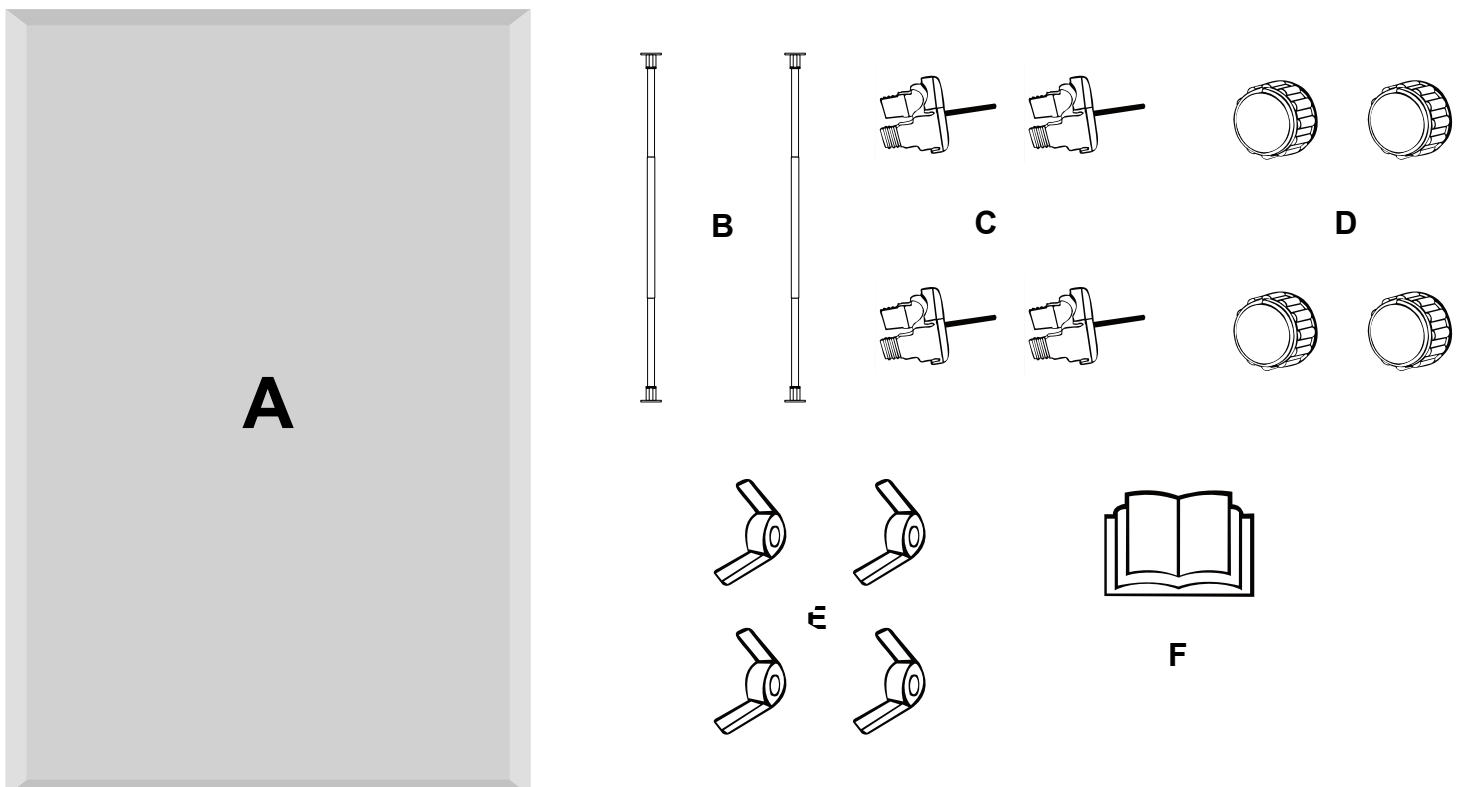
- Remove the protective film before use.
- Ensure the input voltage is between 220-240V, 50Hz, and the power supply is strictly in accordance with IEC, the left is the null wire, the right is the live wire, and it is well grounded.
- The device draws more current than small appliances, so a single 10A+ socket is required.
- Set the device up in a stable position.
- Do not use the device with wet or damp hands
- Do not expose the device to directly running water.
- This appliance is not a toy. Keep away from children and animals.
- Check accessories and parts for possible damage prior to every use of the device.
- Never use the device if the cables or power connection are damaged.
- Do not use the device when the socket or wire is overloaded.
- Observe the device's power input, cable length and intended use when selecting extensions to the power cable. Completely unroll any extension cables to avoid overloading the electric supply.
- Do not use the device if you detect any damage.
- Never drill into the device.
- Do not use the device near curtains.
- Do not place the heater on combustible ground.
- Do not move the device while in use.
- Do not use near bathtubs, showers, swimming pools or other water containers.

2. Technical Information

Heating Element	Carbon
Heating Method	Far Infrared
Input Voltage	220-240V/50Hz
Surface Temperature	80-100°C
Frame	Aluminium
IP Grade	IP54 (excluding plug)
Overheat Protection	Yes
Power Cord Length	1.9m

Size (cm)	Power (W)
Small Mould Remover	450
Large Mould Remover	700

3. Installation



A - Heater

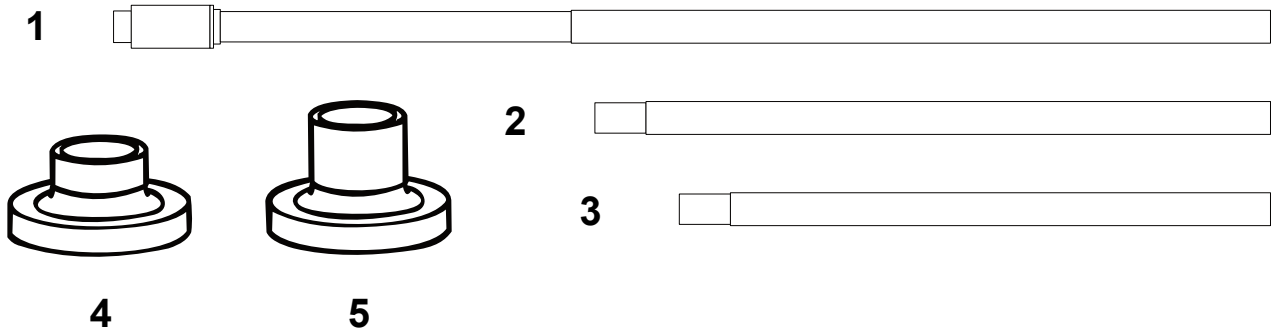
B - Assembled stand x2

C - Fixing accessory x4

D - Fixing tightener x4

E - Butterfly screw x4

F - Manual x1



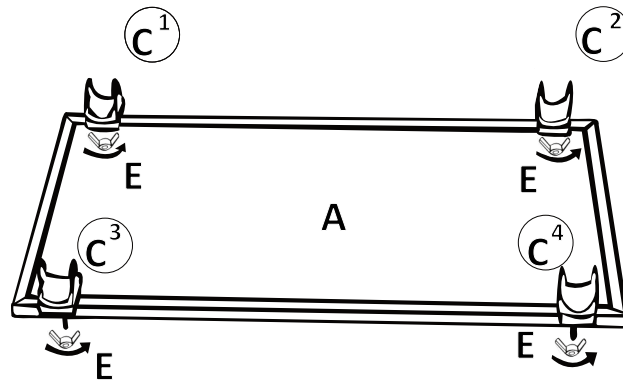
- *This product is not compatible with ceiling heights of 3.6m or higher.*

Assembling the stand

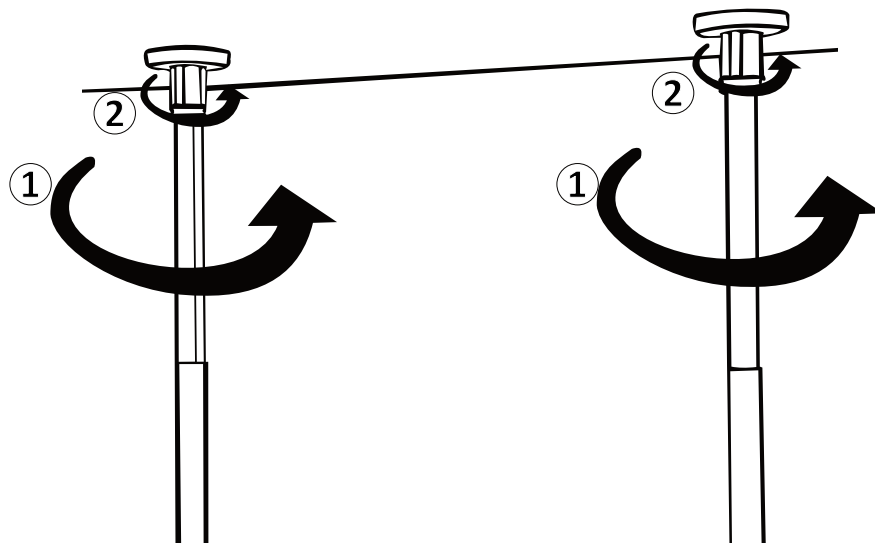
1. Insert the thin end of rod **2/3** into rod **1**. If this does not reach the ceiling, use/add the remaining rod.
2. Install the bases **4** and **5** at both ends of the rod.
3. Rotate the base end of rod **1** to loosen it and extend it to your desired length before rotating the other way to tighten it again.

Installing the mould remover

1. Place the heater **A** face-down on the ground, ensure it is not plugged in.
2. Remove the loose plastic on the inside of all **C** accessories and pass them through the 4 mounting holes on **A**, facing upward, then tighten all 4 with the **E** screws.



3. Pass the assembled **A** stands through the fixings so that the extendable rod can still be moved freely.
 - *Please note that the stand must be shorter than the ceiling at this stage.*
4. Screw the **D** tighteners on to all **C** accessories until firmly tight to fix the heater in place on the stand.
5. Stand the assembled mould remover in an appropriate place with the extendable rod at the top.
6. Twist the extendable rod to loosen/tighten it and fix the stand to its position and then twist the handle at the top to fortify it.

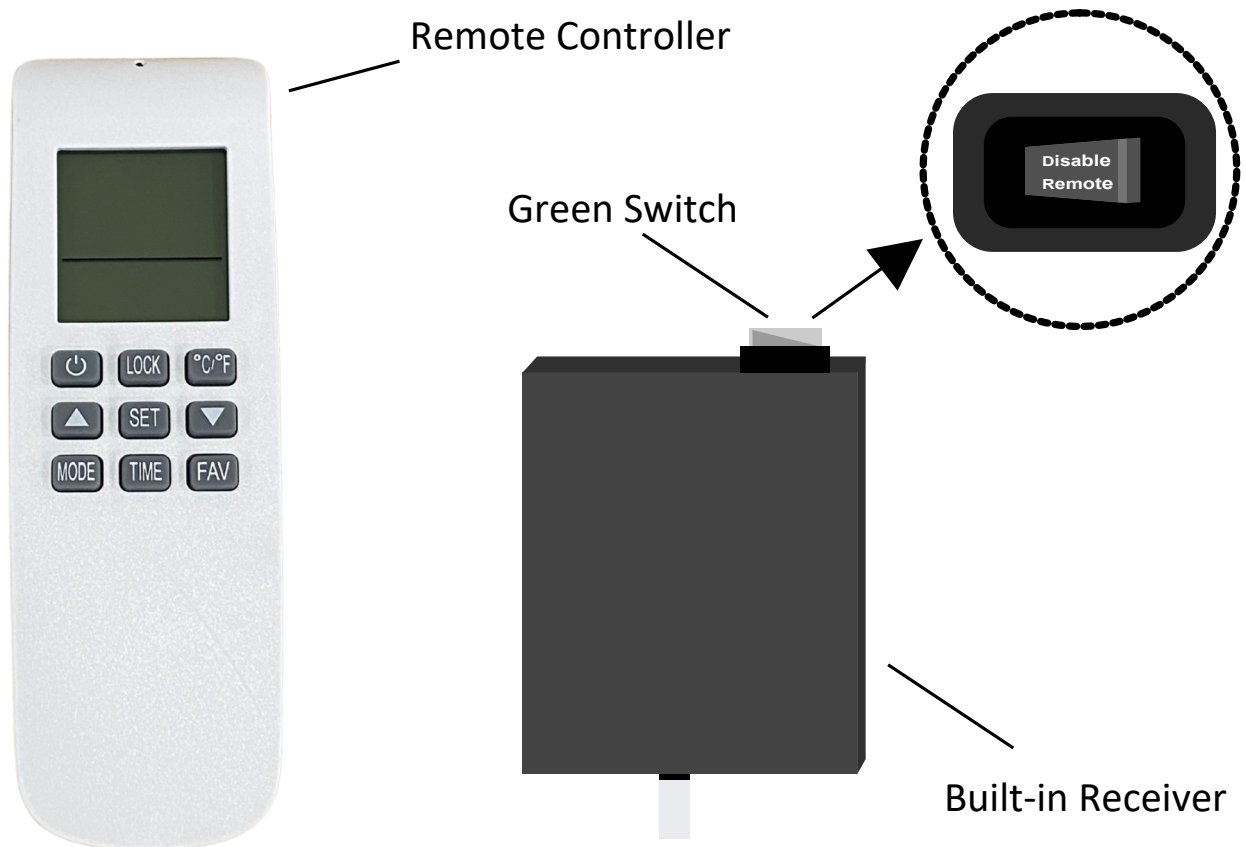


7. If the mould remover is not at a suitable height, simply loosen the **D** accessories to slide the panel up and down the stand.
 - *Please avoid loosening accessories on the same side when re-positioning the mould remover to prevent it from falling.*
9. Plug the mould remover into a mains power socket and turn it on.
Unplug the heater when not in use.
10. If the green switch is turned on, the heater will ignore the handheld remote completely and begin to constantly kick out heat until either the switch or socket are switched off.

4. Controller

Technical Data

- Battery-powered: DC 3V (2x 1.5V AAA batteries, not included)
- Power consumption: 3V,0.1mA
- Set temperature range: 5°C-35°C, resolution: 1°C
- Room temperature range: 0°C - 50°C, display resolution: 0.1°C
- Accuracy of the measured temperature : $\pm 0.5^{\circ}\text{C}$
- Working environment range: 1°C - 50°C
- Dimensions: L135mm x W56mm x H18mm
- Weight: 86g
- Radio frequency: 433.92MHz



**THE GREEN
SWITCH
DISABLES
THE
CONTROLLER**

Pairing your controller to the receiver

1. With the controller switched on, flip the panel on at the mains socket.
2. Once turned on, the panel will beep to indicate it has entered pairing mode. Hold down the °C/°F button and the MODE button until the heater beeps again to indicate the controller has been paired.
 - *Please note that the pairing process must be completed as soon as the panel has been turned on.*

Setting the time

1. Press and hold the TIME button until the year starts flashing.
2. Use the up and down arrow buttons to set the year, then press TIME to move on to setting the month, day, hour and minute.
 - *Please note that you must press TIME after setting the correct year month/day/hour/minute to move on to the next option.*
3. Press TIME once finished to save all set timings.

4. Manual Mode

Operation

1. Press the power button to turn the thermostat on/off. When turned off, the LCD screen will only display the current room temperature.
2. With the thermostat turned on, press the arrow buttons to increase /decrease the set temperature. The heater will turn off once the set temperature has been reached and back on once the set temperature is higher than the detected temperature.

- *Please note the available temperature range is 5°C - 35°C.*

Control lock

1. Hold down the LOCK button until the corresponding icon appears to lock the current settings into place.

Temperature units

1. Press the °C/°F button to change the measurement units displayed on the controller.

Favourite Temperature

1. Press and hold the FAV button until the set temperature flashes.
2. Your preferred temperature can be changed with the arrow buttons and then confirmed by pressing FAV.
3. In daily use, press FAV to change the set temperature to your preferred temperature. Press FAV once more to return to the original setting.

5. Programming

- Press and hold MODE to switch from Manual Mode to 5+2 Mode; from 5+2 Mode to 1...7 Mode, and from 1...7 Mode back to Manual Mode.
- 5+2 Mode can be used to set 4 different time slots that are repeated every weekday and a separate 4 time slots for weekends.
- 7...2 Mode can be used to set 2 different time slots repeated every day of the week.
- If nothing is pressed for 8 seconds while programming, the controller will revert to its default screen.

Once in 5+2 Mode or 1...7 Mode, press and hold the SET button to begin programming.

Programming in 5+2 Mode

1. In 5+2 Mode, press and hold SET until the display changes and ON can be seen flashing on screen. This will be when the first time slot activates.
2. Adjust the starting time by +1 hour with each press of the up arrow and the minutes by +5 with each press of the down arrow.
3. Press SET to advance the screen so that OFF can be seen flashing on the screen. This will be when the first time slot deactivates and can be programmed in exactly the same way.
4. Press SET again to change the temperature for your chosen time period using the up and down arrows.
 - *Please note that if you have set a FAV temperature, this can be used when programming by simply pressing FAV.*
5. Press SET again to begin the same process for slot 2,3 and 4. Repeat steps 2 through 4 for each time slot so that each has its own time.
 - *Please note that if 2 time slots overlap they will both cancel the other that neither slot works and there will be no heat until the next time slot.*
6. Once the 4th time slot has been programmed, press SET to program 4 new times for the weekend.

Programming in 1..7 Mode

1. In 1...7 Mode, press and hold SET until ON flashes on screen and MON can be seen.

2. The Same process can be completed for 1..7 Mode but every day of the week must be accounted for, and there are only 2 time slots each day.

- *The below table shows the default programmed settings before any changes are made.*

Time Mode			Starting Time	Ending Time	Default Temp. (°C)
5+2	Mon - Fri	1	00:00	06:30	17
		2	06:30	08:45	19
		3	08:45	17:00	17
		4	17:00	22:30	19
5+2	Sat - Sun	1	00:00	08:00	17
		2	08:00	14:00	19
		3	14:00	17:30	17
		4	17:30	23:15	19
1...7	Mon	1	00:00	08:00	17
		2	08:00	14:00	19
	Tue	1	14:00	17:30	17
		2	17:30	23:15	19
	Wed	1	00:00	08:00	17
		2	08:00	14:00	19
	Thu	1	14:00	17:30	17
		2	17:30	23:15	19
	Fri	1	00:00	08:00	17
		2	08:00	14:00	19
	Sat	1	14:00	17:30	17
		2	17:30	23:15	19
	Sun	1	14:00	17:30	17
		2	17:30	23:15	19

6. Troubleshooting

Concern	Reason	Measure
A noise can be heard when first powered on.	Stress on the structure of the heat insulator.	This is normal and is to be expected.
Slight bowing effect on the device.	Thermal expansion of the heater's surface material.	This is normal and is to be expected.
The surface has not reached 80-100°C.	Low voltage. Low temperature environment.	Install a voltage regulator.

7. Maintenance & Servicing

Activities required before starting maintenance



Warning of electrical voltage

- Hold onto the mains plug while pulling the power cable out of the mains socket.
- Allow the device to cool down completely.



Warning of electrical voltage

- Tasks which require the housing to be opened must only be carried out by authorised specialist companies

Activities required while cleaning the device



Warning of electrical voltage

- Clean the device with a soft, damp and lint-free cloth. Ensure that no moisture enters the housing.

- Protect electrical components from moisture.
- Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.
- Wipe the housing dry after cleaning.

8. Storage

When the device is not being used, observe the following storage conditions:

- Dry and protected from frost and heat.
- In an upright position where it is protected from dust and direct sunlight.
- If necessary, a cover to protect the device from invasive dust.

9. Disposal

This equipment must not be disposed of with household waste at the end of its life.

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