

# ELECTRIC PANEL HEATER



- ERP Lot20 compliant
- Capacity range from 1000 W >> 2500 W
- Monitors the room temperature and heater surface temperature separately
- Child safety function**
- Weekly and daily 24h timer functions
- Electronic room temperature control**
- Can be used as free standing or can be mounted on the wall



## RELIABLE & HEALTHY

- 100% quiet operation and ultra silent heater since there is no fan or moving parts inside
- **High efficiency X-shaped aluminium heating element provides comfortable heating. The heater does not have any red glowing parts, therefore it does not burn the oxygen in the room and provides high air quality heating**
- Does not require periodic maintenance
- **Overheat protection with safety thermostat**
- Tip over protection: The heater shuts off when it's not placed in upright position
- **Built in electronic control panel with LCD screen**



## CHILD SAFETY

With low surface temperature operation function, you can limit the surface temperature of the heater to a desired value. If the heater will be used in presence of unattended small children such as children rooms, day cares/schools; it is very safe to set the limit surface temperature to minimum from the control panel. This will limit the surface temperature of the heater and avoid accidental burns.



Factory

A 10013 Street No:14  
AOSB Cigli-IZMIR/TURKIYE  
T +90 232 328 03 65  
W www.maktek.com.tr



Customer Service  
export@maktek.com.tr

**MAKTEK**

# MODES & FUNCTIONS

**Open Window Function:** This mode prevents electricity energy waste. While this function of the heater is active, the heater shuts off automatically when a window or door is open in the heating area. This provides vast energy savings when the user forgets to turn off the heater as they open windows to ventilate the room.

**Manuel Operation Mode:** Manuel operation mode disregards the room temperature reading from the room temperature sensor and the heater operates only according to the adjusted heater surface temperature. When the surface temperature reaches adjusted value the heater shuts off and when the surface temperature decreases by 5 °C , the heater starts working again.

**Comfort Mode:** In this mode, the room temperature adjustment is fixed at 24° C to ensure comfortable heating and brings the room to the comfort temperature of 24° C.

**Economy Mode:** In this mode, the room temperature adjustment is fixed at 18° C to ensure economic operation and heats up the room only up to 18° C. This mode can be used during the night in bedrooms for a healthy sleeping temperature and electric consumption reduction.

**Time Function:** This function allows you to set time intervals for the heater to start and stop operation automatically. It provides comfort by enabling automatic operation without having to turn on/ off heater manually and also energy savings by setting the closing times of the heater.

**Boost Mode:** In this mode, the room temperature adjustment is fixed at 35° C to ensure rapid heating and the heater operates at max power.

## ESTIMATED HEATING AREAS OF ELECTRIC PANEL HEATERS

MODEL	POWER (W)	HEATING AREA (m <sup>2</sup> )		
		Poor Insulation	Moderate Insulation	Good Insulation
MCH 1000	1000	6	10	14
MCH 1500	1500	9	15	21
MCH 2000	2000	12	20	28
MCH 2500	2500	14	25	35

## ESTIMATED ELECTRICITY CONSUMPTIONS OF ELECTRIC PANEL HEATERS

MODEL	POWER (W)	ELECTRIC CONSUMPTION PER HOUR (Kw/h)		
		Poor Insulation	Moderate Insulation	Good Insulation
MCH 1000	1000	0.8	0.6	0.35
MCH 1500	1500	1.2	0.9	0.5
MCH 2000	2000	1.6	1.2	0.7
MCH 2500	2500	2.3	1.5	0.85

The above figures in the tables are estimated values. The heating area and electricity consumption of an electric panel heater depends on many factors such as operating conditions, heat loss factor of the room, outside temperature, open/close cycles of doors and windows in the room and heater placement. The estimated values are calculated according to 8°C average outside temperature and 2.45m ceiling height.

MODEL	MCH 1000	MCH 1500	MCH 2000	MCH 2500
Capacity (W)	1000	1500	2000	2500
L (mm)	530	720	880	980
H (mm)	440	440	440	440
h (mm)	530	530	530	530
w (mm)	81	81	81	81
Weight (kg)	5.9	7.6	9.1	10.2
Voltage/Frequency (V/Hz)	220/50	220/50	220/50	220/50
Drawn Current (A)	4.5	6.8	9.1	11.4
Electric Protection Degree (IP)	X4D	X4D	X4D	X4D

