

# Electric Panel Radiator



- ❶ No need for installation connection, works only with electricity.
- ❷ Rapid heating and economic energy consumption.
- ❸ Works anywhere where electricity is available, can be moved or can be mounted on the wall.
- ❹ Provides balanced heating out of many capacity options hence avoids unnecessary energy consumption. Total radiator cost is much lower.
- ❺ Thanks to homogenous heating feature of classical panel radiators, drying up of room air is prevented. Provides healthier heating in comparison to extreme surface temperature heaters like infrared, halogene heaters or electric stoves.



## Economic Heating

Works with 100% efficiency. First investment rate is quite low when the whole house is heated. Homogenously heats the room thanks to special resistance and outer panel temperature conductivity. Panels and convectors rapidly spreads fluid heat to the environment. The panels do not need periodical maintenance.



## Very Comfortable and Practical

Works completely according to the heating principle of a boiler. Provides perfect comfort and equal heating, wherever the panels are installed. Heating at desired temperature is possible thanks to thermostat. The panels are ultra silent during operation. Available as flat or classic front panel.



## Durable

- Maximum resistance to corrosion thanks to epoxy polyester electrostatic powder painting.
- Special sheet metal compatible with DIN EN 10130 norms are used for manufacturing.
- Optimum efficiency thanks to welding system of conectors to fluid channels.
- Epoxy polyester powder painting system by using spray surface cleaning technology at full automatic machines.
- After testing, radiator's inner and outer surfaces are subject to phosphate coating and hot oil bathing according to DIN EN 55900 standards. This procedure purifies chemical materials enables resistance against corrosion.
- Durable up to 6 bars pressure.
- Production according to EN 442 standards.
- Ce certified, produced according to EMC directives.
- 3 years warranty.



## Reliable and Healthy

- There is no soot problem since there is no chimney connection.
- No moving parts for safety reasons.
- There is no risk of explosion or gas poisoning since the panel do not produce carbonmonoxide or other dangerous gas waste.
- Risks such as short circuit or fuse blowing is eliminated thanks to special inner design.
- Does not circulate the dust in the air like a fan heater would do.
- Front panel surface which is designed according to the convection principle, does not over heat. The panels are child proof.

MODEL /TYPE	POWER	CONSUMPTION IN ONE HOUR (KW)		
		POOR ISOLATION	MEDIUM ISOLATION	STRONG ISOLATION
6060	1,0	0,8	0,6	0,3
6080	1,4	1,2	0,9	0,4
6100	1,8	1,6	1,2	0,6
6120	2,2	1,2	1,4	0,7
6140	2,6	2,4	1,6	0,8

TECHNICAL SPECIFICATIONS	MODEL	DOUBLE FIN				
	TYPE	D6060	D6080	D6100	D6120	D6140
CAPACITY	Kcal/h	860	1204	1548	1204	1204
HEATING POWER	Kw	1.0	1.4	1.8	2.2	2.6
TEMPERATURE SETTING ( min/max)	± 5 °C	0/80	0/80	0/80	0/80	0/80
WEIGHT	Kg	20.5	26.8	33.2	40.0	46.0
>> DIMENSIONS						
HEIGHT	mm	600	600	600	600	600
WIDTH	mm	600	800	1000	1200	1400
DEPTH	mm	98	98	98	98	98
>> ELECTRICITY						
ELECTRICITY CONNECTION CABLE	piece/mm²	3x3,25	3x3,25	3x3,25	3x3,25	3x3,25
VOLTAGE/FREQUENCY	V-/Hz	230/50	230/50	230/50	230/50	230/50
POWER	Watt	1000	1400	1800	2200	2600
ELECTRIC ISOLATION RATE	IP	X4D	X4D	X4D	X4D	X4D
RESISTANCE CAPACITY	piece/watt	2X500	2X700	2X700	2X1100	2X1300

TECHNICAL SPECIFICATIONS	MODEL	SINGLE FIN					
	TYPE	S6060	S6080	S6100	S6120	S6140	
CAPACITY	Kcal/h	430	602	774	946	1118	
HEATING POWER	Kw	0.5	0.7	0.9	1.1	1.3	
TEMPERATURE SETTING ( min/max)	± 5 °C	0/80	0/80	0/80	0/80	0/80	
WEIGHT	Kg	13.8	18.2	22.7	27.2	31.5	
>> DIMENSIONS							
HEIGHT	mm	600	600	600	600	600	
WIDTH	mm	600	800	1000	1200	1400	
DEPTH	mm	68	68	68	68	68	
>> ELECTRICITY							
ELECTRICITY CONNECTION CABLE	piece/mm²	3x3,25	3x3,25	3x3,25	3x3,25	3x3,25	
VOLTAGE/FREQUENCY	V-/Hz	230/50	230/50	230/50	230/50	230/50	
POWER	Watt	500	700	900	1100	1300	
ELECTRIC ISOLATION RATE	IP	X4D	X4D	X4D	X4D	X4D	
RESISTANCE CAPACITY	piece/watt	1X500	1X700	1X700	1X1100	1X1300	

**MAKTEK®**

## How To Choose The Correct Radiator Capacity

Factors such as climate conditions, size of the room, isolation of the building and the method of installation plays a great role over the expected efficiency of the radiator. An avarage required capacity for radiator can be deducted by using a simple formula which can be done even by the end user.

**Capacity = Length of the room x Width of the room  
X Height of the room x A**

A signifies the following numbers:

For living room A = 0,086

For bedroom A = 0,076

For kitchen A = 0,066

For winter garden A = 0,13

**Example =** In order to calculate the necessary heating power for a room with 5 meters length, 2 meters width and 2,5 meters height;

**Capacity =** 5 x 2 x 2,5 x 0,086 (For living room A = 0,086) = 2,15 kw/ h

This value might change according to the isolation status of the room. You can check this information from the technical table.



**3 YEARS  
WARRANTY**

### Headquarters

**A** 10013 Sokak No:14 AOSB Çiğli - İZMİR  
**T** +90 232 449 50 00  
**F** +90 232 328 04 86

### Marmara Regional Office

**A** Seyit Nizam Mah. Demirciler Sitesi, 7.Yol,  
No:68 Zeytinburnu - İSTANBUL  
**T** +90 212 546 73 67 / +90 212 415 48 70  
**F** +90 212 415 96 87



Customer Care Service

**sales@maktek.com.tr**

**f** maktekgrup  
**ti** maktekoofficial

**maktek.com.tr/en/**