



KA.PA THERM GROUP

Electrical Heating

Consumption table of radiators

In the following table you can see the consumption of the system per Heater and in a total of 8 radiators if 10 degrees Celsius starting from 40 c to 100 c.

The system has the ability to work from 1 to 8 radiators.

With zone change can reach all 10 -12 radiators.

Question: What is the starting Room ambient temperature is your Table below based on?

In the following table you can see the consumption of the system per radiator and in a total of 8 radiators if 10 degrees Celsius starting from 40 c to 100 c.

The system has the ability to work from 1 to 8 radiators.

With zone change can reach all 10 -12 radiators.

Answer: To the question you asked me I answer that the results are with a room temperature of 15 degrees Celsius. In the table we see the energy consumption per body and a total of 8 Heaters. It has the ability to operate from 1 to 8 Heaters. By changing the zone it can reach all 12 bodies at an air outlet temperature of 80 degrees Celsius.

A/A	AIR OUTPUT TEMPERATURE DEGREES CELSIUS	CONSUMPTION PER HOUR Kw/h	TOTAL 8 RADIATORS	AIR FLOW SPEED m/s at 50cm
1	43c	140 Watt/hour	1120 Watt/h	0,25 m/s
2	50c	150 Watt/hour	1200 Watt/h	0,30 m/s
3	60c	170 Watt/hour	1360 Watt/h	0,35 m/s
4	70c	220 Watt/hour	1760 Watt/h	0,40 m/s
5	80c	290 Watt/hour	2320 Watt/h	0,40 m/s
6	90c	330 Watt/hour	2640 Watt/h	0,45 m/s
7	100c	350 Watt/hour	2800 Watt/h	0,50 m/s
8				

consumption per hour in continuous operation of the system