

# POOL HEATING SYSTEM SPA HEATER

A pool spa heater is a device used to heat the water in swimming pools and spas, ensuring a comfortable temperature for relaxation and enjoyment. It is commonly used in residential pools, hotel spas, wellness centers, and recreational facilities.

## Functionality:

The heater warms the water by using electricity & gas for circulating it through a heating element or exchanger before returning it to the pool or spa. This helps maintain a consistent water temperature, allowing year-round use regardless of weather conditions.

## Voltage Requirement:

The voltage requirement depends on the type of heater:

Electric pool spa heaters typically require 220V–240V power.

Gas heaters do not rely on electricity as their primary energy source but may need a small electrical connection (usually 110V or 120V) for controls and ignition systems.

KW	Phase	Input Voltage	Dimensions(mm)
4KW	1 Phase,3 Phase	230V	440mmX460mmX185mm
5KW	1 Phase,3 Phase	230V	440mmX460mmX185mm
6KW	1 Phase,3 Phase	230V	440mmX460mmX185mm
7.5KW	1 Phase,3 Phase	230V	440mmX460mmX185mm
9KW	2 Phase,3 Phase	230V	440mmX460mmX185mm
10KW	3 Phase,3 Phase	230V	440mmX460mmX185mm
12KW	4 Phase,3 Phase	230V	440mmX460mmX185mm
15KW	3 Phase	380–415V	440mmX460mmX185mm
18KW	3 Phase	380–415V	510mmX460mmX185mm
21KW	3 Phase	380–415V	595mmX510mmX260mm
24KW	3 Phase	380–415V	595mmX510mmX260mm
27KW	3 Phase	380–415V	595mmX510mmX260mm
36KW	3 Phase	380–415V	595mmX510mmX260mm
45KW	3 Phase	380–415V	595mmX510mmX260mm
54KW	3 Phase	380–415V	595mmX510mmX260mm

