alpinespas™

HIMALAYA POWER REQUIREMENTS

- Himalaya Platinum -

OVERVIEW

Swim Spas require more power than a Spa Pool because of the extra pumps and larger heater. In some cases, due to your house setup, it is not possible to feed the required max draw of Swim Spa, but that doesn't mean you can't still use one. Load Shedding and Load Limiting can be applied to limit the amount of components that will run at one time, allowing you to use the Swim Spa at a lower amperage draw.

COMPONENT OVERVIEW

Component	Amperage Max	Notes
8.8kW Heat Pump	8.75A	Can be setup to run as the solo source of heat, or in conjunction with the inbuilt 6kW heater element.
Variable 6kW Heater	4 - 24A	Variable heater operates on whatever leftover power is available.
Pump 1 (Swim Jet)	10A	Usually runs at around 9A
Pump 2 (Swim Jet)	10A	Usually runs at around 9A
Pump 3 (Swim Jet)	10A	Usually runs at around 9A
Pump 4 (Swim Jet)	10A	Usually runs at around 9A
Pump 4 (Spa Zone)	10A	Usually runs at around 9A
Pump 4 (Spa Zone)	10A	Usually runs at around 9A
Air Blower (Spa Zone)	3.9A	
Circulation Pump	3.2A	
Speakers, Lights etc.	≤ 0.4A	

AVAILABLE SETUPS

AMPS Setups	Conditions
32A Spa Zone 45A Swim Zone no heat pump	Spa Zone fully functional. No heating available in Swim Zone when all four pumps are running. This is okay as heating of water not usually required while exercising.
32A Spa Zone 45A Swim Zone w/ heat pump	Spa Zone fully functional. No heating available when all three pumps are running. This is okay as heating of water not usually required while exercising.
32A Spa Zone 55A Swim Zone no heat pump	Spa Zone fully functional. When running all four pumps there is roughly 10A leftover for heating so about 1/3 of the power of the 6kW variable heater will engage. Running air blower while all pumps engaged will lower available amps for heater.
32A Spa Zone 55A Swim Zone w/ heat pump	Spa Zone fully functional. Enough power available to run the heat pump simultaneously with all four swim zone pumps.