

Solar Soaker - Logic

HEAT PUMP STATE

- The Heat Pump remains off outside of the defined Solar Soaker hours unless Solar Soaker Mode is active.

RUN TIME

- Operates between 30 minutes after sunrise and 30 minutes before sunset (based on postcode).
- The Heat Pump works only when LiveLink/Electricity Advisor reads 0W, activating Solar Soaker Mode.
- Outside these hours, the Heat Pump remains off.

RUN RULE – WHEN TO RUN

Trigger Condition:

- Solar Soaker Mode is activated if both Electricity Advisor and LiveLink read 0W, indicating available excess solar energy.

Action:

- When the trigger condition is met, the Heat Pump turns on.

Deactivation Condition:

- If Electricity Advisor and LiveLink read >33w/h, the Heat Pump turns off and will not run again for 2 hours.
- The system continuously checks every 10 minutes to reassess conditions.

RUN RULE – WHEN NOT TO RUN

- If the Electricity Advisor reports 0 watts for more than 24 hours, do not run Solar Soaker.
- If either the Electricity Advisor or LiveLink is offline, do not run Solar Soaker.

WATER TEMP - SAFETY NET

• 3pm Check:

- If the Heat Pump temperature is below 45°C at 3pm, the system will turn on the Heat Pump to heat it to the maximum temperature.

• 5pm Check:

- If the Heat Pump temperature is below 55°C at 5pm, the system will again turn on the Heat Pump to heat it to the maximum temperature.

WEEKEND TOGGLE SETTING

- Users have the option to toggle Solar Soaker on or off through the app, allowing them to decide if it should run on weekends.

OVERRIDE SOLAR SOAKER

- All manual functions of the app/controller will override Solar Soaker, giving users full control over the Heat Pump operation.

Disclaimer: Not all smart meters are compatible with Solar Soaker. For compatibility, meters must stop flashing during solar generation to properly trigger the Heat Pump. Meters that continue to flash rapidly during solar periods are not compatible. Please verify your meter's behaviour before installation.