Heat Pump Thermistor Calibration

Due to certain conditions, environmental factors and length of data cable, your SV Series Heat Pump may require calibration of the thermistors (temperature sensors) for optimum performance.

To calibrate your SV series Heat Pump please ensure the unit has been powered down and completely free from ice for a minimum of 2 hours prior to calibration, to ensure that the thermistor readings are unaffected by operating conditions.

How to power off (disable) the heat pump:

▶ To enter the User settings menu press and hold ⌄ and ⌃ buttons together until [MODE] is displayed.

▶ Press ⌄ button until [H.PMP] is displayed and then press the ⓄⓀ button to enter adjustment.

▶ Press the ⌃ button to navigate the selection to [OFF], then press the ⓄⓀ button to select and exit heat pump operating mode adjustment.

Calibrating heat pump thermistors:

▶ Please ensure heat pump has been powered down for a minimum of 2 hours.

▶ Use an accurate thermometer to measure outside temperature or lookup the current temperature of your local area via the internet.

▶ Enter the OEM menu by pressing and holding ⊛ and ↻ buttons together until [C.LMT] is displayed.

▶ Press ⌄ button until [CAL] is displayed.

▶ ***IMPORTANT*** Press the ⓄⓀ button **only once** to enter calibration settings menu.

▶ Then press the ⌄ button to navigate the menu to [H.AMb], then press the ⓄⓀ button to enter ambient temperature sensor adjustment. At this point a temperature reading will be displayed and may be flickering between different values.

▶ Use the ⌄ or ⌃ buttons, **COUNTING** the number of button presses required to adjust the readout on your display so it matches the current outside temperature. Once the temperatures match press the ⓄⓀ button to confirm and save. The display will return to [CAL].

▶ ***IMPORTANT*** Press the ⓄⓀ button **only once** to enter calibration settings menu.

▶ Then press the ⌄ button to navigate the menu to [H.CON], then press the ⓄⓀ button to enter condenser temperature sensor adjustment. At this point a temperature reading will be displayed and may be flickering between different values.

▶ Adjust the temperature reading using the same button used to adjust the [H.AMb] menu making sure to press it the same number of times that you counted in the steps above.

▶ Press the ⓄⓀ button to confirm and save. The display will return to [CAL], press the ⌃ button until you get to [EXIT]. Press the ⓄⓀ button to exit the menu.

How to power the heat pump back on:

▶ To enter the User settings menu press and hold ⌄ and ⌃ buttons together until [MODE] is displayed.

▶ Press ⌄ button until [H.PMP] is displayed and then press the ⓄⓀ button to select.

▶ Press the ⌄ button to navigate the menu to [AUTO] (Heat and Cool), [HEAT] (Heat only) or [COOL] (Cool only) press the ⓄⓀ button to select desired function and exit menu.