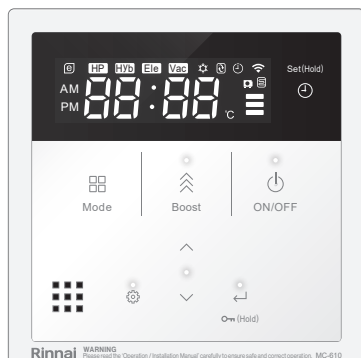


## CONTROLLER LED FLASHING CODES



Display	Description	Display	Description
AM 88:88 PM 88:88	Time/Temperature Set / Function		Heat Pump Turn On
HP Hyb Ele	Operation Mode (Heat Pump/Hybrid/Element)		Element Turn On
	Eco Mode (not Quiet Operation) Heat Pump 55°C only		Operation Timer is Set
Vac	Vacation Mode		Wi-Fi Connection
	Anti-Freezing		Storage Volume 100% Upper Tank Sensor ≥ 45°C and Bottom Tank Sensor ≥ 40°C
	Thermal Sterilisation (Automatic Function)		Storage Volume 66% Upper Tank Sensor ≥ 45°C and Bottom Tank Sensor < 40°C
			When ON/OFF lamp is ON but Upper Tank Sensor reads <45°C the Controller will beep and storage volume display will disappear. This means there is no hot water'.

Ensure that the Remote Controller is not displaying the Flash Code once the unit has been switched on.

Display / Remote Controller	Operation Mode	Description
	HP	55 / 60 / 65°C uses Heat Pump system only
	Hyb	60 / 65°C uses a combination of the Heating Element, operates following Heat Pump system.
	Ele	55 / 60 / 65°C uses Heating Element only

For commercial installation select the **HP** mode and adjust the temperature set point to 65°C.

When the boost button is pressed, appliance will operate at, 55 / 60 / 65°C using both the Heat Pump system and heating Element. *(Boost mode cannot be selected during thermal sterilisation cycle)*

If the Remote Controller is displaying the Flash Code, please refer to the table below to find the fault.

Flash Code	Description	Flash Code	Description
038	Tank not filled, abnormal heating	768	Communication fault on inverter PCB
148	Heat Pump outlet high temperature fault	778	Heat Pump PAM circuit voltage fault
218	DC fan motor locked	798	Power supply voltage fault
268	Heat Pump discharge high temperature fault	968	Pump inlet not filled, abnormal circulation
308	Communication fault between inverter PCB and system PCB	A18	Heat Pump water inlet sensor fault
338	Heat Pump evaporator sensor fault	A28	Heat pump water outlet sensor fault
358	Heat Pump discharge sensor fault	109	Communication fault between Remote Controller and system PCB
368	Heat Pump condenser fault	149	Tank is filled with high temperature water, abnormal heating
518	Heat Pump compressor fault	279	Tank upper sensor fault
528	Heat Pump input current fault	709	System PCB fault
538	Heat Pump compressor start-up fault	729	Element heater circuit fault
548	Heat Pump DC overcurrent fault	A19	Tank bottom Sensor fault
648	Circulation pump rotation fault		