

Symptom 3: Pump is making noise (cavitation)

POSSIBLE CAUSES	CORRECTIVE ACTION
There is air in the system.	Purge air.
Water pressure at pump inlet is too low.	<ul style="list-style-type: none"> Check the water pressure. The water pressure must be > 1 bar (water is cold). Check that the expansion vessel is not broken. Check that the setting of the pre-pressure of the expansion vessel is correct (refer to "9.4.2 Water volume and sizing expansion vessels").

Symptom 4: The water pressure relief valve opens

POSSIBLE CAUSES	CORRECTIVE ACTION
The expansion vessel is broken.	Replace the expansion vessel.
The filling water pressure in the installation is higher than 0.3MPa.	Make sure that the filling water pressure in the installation is about 0.10~0.20MPa (refer to "9.4.2 Water volume and sizing expansion vessels").

Symptom 5: The water pressure relief valve leaks

POSSIBLE CAUSES	CORRECTIVE ACTION
Dirt is blocking the water pressure relief valve outlet.	<p>Check for correct operation of the pressure relief valve by turning the red knob on the valve counter clockwise:</p> <ul style="list-style-type: none"> If you do not hear a clacking sound, contact your local dealer. In case the water keeps running out of the unit, close both the water inlet and outlet shut-off valves first and then contact your local dealer.

Symptom 6: Space heating capacity shortage at low outdoor temperatures

POSSIBLE CAUSES	CORRECTIVE ACTION
Backup heater operation is not activated.	<p>Check that the "OTHER HEATING SOURCE/ BACKUP HEATER" is enabled, see "10.5 Field settings". Check whether or not the thermal protector of the backup heater has been activated (refer to "Controls parts for backup heater(IBH)"). Check if booster heater is running, the backup heater and booster heater can't operate simultaneously.</p>
Too much heat pump capacity is used for heating domestic hot water (applies only to installations with a domestic hot water tank).	<p>Check that the "t_DHWHP_MAX" and "t_DHWHP_RESTRICT" are configured appropriately:</p> <ul style="list-style-type: none"> Make sure that the "DHW PRIORITY" in the user interface is disabled. Enable the "T4_TBH_ON" in the user interface/FOR SERVICEMAN to activate the booster heater for domestic water heating.

Symptom 7: Heat mode can't change to DHW mode immediately

POSSIBLE CAUSES	CORRECTIVE ACTION
Volume of tank is too small and the location of water temperature probe not high enough	<ul style="list-style-type: none"> Set "dT1S5" to maximum valve, and set "t_DHWHP_RESTRICT" to minimum valve. Set dT1SH to 2°C. Enable TBH, and TBH should be controlled by the outdoor unit. If AHS is available, turn on first, if requirement for turn heat pump on is fulfilled, the heat pump will turn on. If both TBH and AHS are not available, try to change the position of T5 probe (refer to 2 "General introduction").