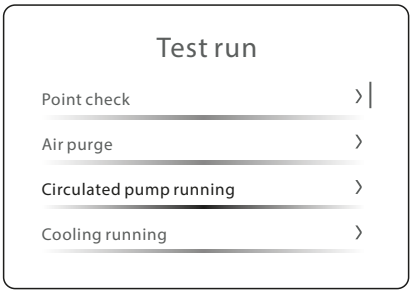
HMI address setting	HMI address for BMS	Set the HMI address code for BMS	1	1	255	1	/
	Stop BIT	Upper computer stop bit: 1=STOP BIT1, 2=STOP BIT2	1	1	2	1	/
Common setting	t_Delay pump	The time for which the compressor has run before startup of the pump	2.0	0.5	20.0	0.5	Minutes
	t1_Antilock pump	The pump anti-lock interval	24	5	48	1	Hours
	t2_Antilock pump run	The pump anti-lock running time	60	0	300	30	Seconds
	t1_Antilock SV	The valve anti-lock interval	24	5	48	1	Hours
	t2_Antilock SV run	The valve anti-lock running time	30	0	120	10	Seconds
	Ta-adj.	The corrected value of Ta inside the wired controller	0	-10	10	1	°C
	Pump_I silent output	The Pump_I max output limitation	100	50	100	5	%
	Energy metering	Enable or disable the energy analysis: 0=NO, 1=YES	1	0	1	1	/
	Pump_O	Additional circulation pump operation: 0=ON (keep running) 1=Auto (controlled by the unit)	0	0	1	1	/
	Glycol	Glycol application: 0=Without glycol,1=With glycol	0	0	1	1	/
	Glycol concentration	Glycol added concentration	10	10	30	5	%
	Pump_I minimum output	Circulation pump Pump_I operating lowest limit	30	30	80	5	%
Intelligent function settings	Energy correction	Correction for Energy metering	0	-50	50	5	%
	Sensor backup mode	Sensor backup operation function, 0 =NO, 1=YES	1	0	1	1	/

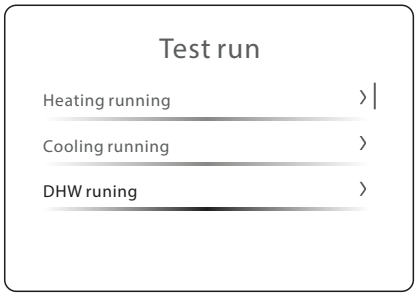
NOTE

- Please set P_IBH1, P_IBH2, P_TBH according to the field installation. If the values are different with the actual values, the energy metering calculation could deviate from actual situation.
- There are some items that are invisible if the function is disabled or unavailable.

15.4 Commissioning

Test run is used to confirm the functionality of the valves, air purge, circulation pump operation, cooling, heating and domestic water heating.





Checklist during commissioning

☐	Test run for the actuator
☐	Air purge
☐	Test run for operation
☐	Check of the minimum flow rate

15.4.1 Test run for the actuator

NOTE

During the commissioning of the actuator, the protection function of the unit is disabled. Excessive use may damage components.

Why

Check whether each actuator is in good working conditions.