10.5.18 Setting parameters

The parameters related to this chapter are shown in the table below.

Order number	Code	State	Default	Minumum	Maximum	Setting interval	Unit
1.1	DHW MODE	Enable or disable the DHW mode:0=NON,1=YES	1	0	1	1	/
1.2	DISINFECT	Enable or disable the disinfect mode:0=NON,1=YES	1	0	1	1	/
1.3	DHW PRIORITY	Enable or disable the DHW priority mode:0=NON,1=YES	1	0	1	1	/
1.4	PUMP_D	Enable or disable the DHW pump mode:0=NON,1=YES	0	0	1	1	/
1.5	DHW PRIORITY TIME SET	Enable or disable the DHW priority time set:0=NON,1=YES	0	0	1	1	/
1.6	dT5_ON	The temperature difference for starting the heat pump	10	1	30	1	℃
1.7	dT1S5	The difference value between Twout and T5 in DHW mode	10	5	40	1	℃
1.8	T4DHWMAX	The maximum ambient temperature that the heat pump can operate at for domestic water heating	43	35	43	1	℃
1.9	T4DHWMIN	The minimum ambient temperature that the heat pump can operate for domestic water heating	-10	-25	30	1	℃
1.10	t_INTERVAL_DHW	the start time interval of the compressor in DHW mode.	5	5	5	1	MIN
1.11	dT5_TBH_ OFF	the temperature difference between T5 and T5S that turns the booster heater off.	5	0	10	1	℃
1.12	T4_TBH_ON	the highest outdoor temperature the TBH can operate.	5	-5	50	1	℃
1.13	t_TBH_DELAY	the time that the compressor has run before starting the booster heater	30	0	240	5	MIN
1.14	T5S_DISINFECT	the target temperature of water in the domestic hot water tank in the DISINFECT function.	65	60	70	1	℃
1.15	t_DI_HIGHTEMP.	the time that the highest temperature of water in the domestic hot water tank in the DISINFECT function will last	15	5	60	5	MIN
1.16	t_DI_MAX	the maximum time that disinfection will last	210	90	300	5	MIN
1.17	t_DHWHP_RESTRICT	he operation time for the space heating/cooling operation.	30	10	600	5	MIN
1.18	t_DHWHP_MAX	the maximum continuous working period of the heat pump in DHW PRIORITY mode.	90	10	600	5	MIN
1.19	PUMP_D TIMER	Enable or disable the DHW pump run as timed and keeps running for PUMP RUNNING TIME:0=NON,1=YES	1	0	1	1	/
1.20	PUMP_D RUNNING TIME	the certain time that the DHW pump will keep running for	5	5	120	1	MIN
1.21	PUMP_D DISINFECT RUN	Enable or disable the DHW pump operate when the unit is in disinfect mode and T5≥ T5S_DI-2:0=NON,1=YES	1	0	1	1	/
2.1	COOL MODE	Enable or disable the cooling mode:0=NON,1=YES	1	0	1	1	/
2.2	t_T4_FRESH_C	The refresh time of climate related curves for cooling mode	0.5	0.5	6	0.5	hours
2.3	T4CMAX	The highest ambient operation temperature for cooling mode	52	35	52	1	℃
2.4	T4CMIN	the lowest ambient operating temperature for cooling mode	10	-5	25	1	℃
2.5	dT1SC	the temperature difference for starting the heat pump(T1)	5	2	10	1	℃
2.6	dTSC	the temperature difference for starting the heat pump(Ta)	2	1	10	1	℃
2.7	t_INTERVAL_COOL	the start time interval of the compressor in COOL mode	5	5	5	1	℃
2.8	T1SetC1	The setting temperature 1 of climate related curves for cooling mode.	10	5	25	1	MIN
2.9	T1SetC2	The setting temperature 2 of climate related curves for cooling mode.	16	5	25	1	℃
2.10	T4C1	The ambient temperature 1 of climate related curves for cooling mode.	35	-5	46	1	℃
2.11	T4C2	The ambient temperature 2 of climate related curves for cooling mode.	25	-5	46	1	℃
2.12	ZONE1 C-EMISSION	The type of zone1 end for cooling mode 0=FCU(fan coil unit)，1=RAD.(radiator)，2=FLH(floor heating)	0	0	2	1	/
2.13	ZONE2 C-EMISSION	The type of zone2 end for cooling mode 0=FCU(fan coil unit)，1=RAD.(radiator)，2=FLH(floor heating)	0	0	2	1	/