## 3.8 EEPROM Parameter Setting

Press "**M"** and "**Up"** two keys at the same time, and then enter the password "1212" to adjust EEPROM parameter value. Refer to the table below for the detailed setting.

| Item | Name | Code | Default | Unit | Range | Accuracy |
|---|---|---|---|---|---|---|
| 1 | Air conditioning water temperature return difference | Ta | 2 | ℃ | 1～5 | 1 |
| 2 | Hot water temperature difference | Tb | 5 | ℃ | 2～15 | 1 |
| 3 | Cooling target exhaust temperature correction | TargetTPc | 0 | ℃ | -10～15 | 1 |
| 4 | Heating superheat | SHh | -1 | ℃ | -5～10 | 1 |
| 5 | Compressor frequency in refrigeration test mode | LCF_C | 68 | Hz | 20～120 | 1 |
| 6 | Compressor frequency in heating test mode | LCF_H | 68 | Hz | 20～120 | 1 |
| 7 | Compressor frequency in hot water test mode | LCF_W | 68 | Hz | 20～120 | 1 |
| 8 | Cooling test mode EEV opening | EEV_C | 250/5 | P | (0～480)/5 | 1 |
| 9 | Heating test mode EEV-1 opening | EEV_H | 150/5 | P | (0～480)/5 | 1 |
| 10 | Hot water test mode EEV-1 opening | EEV_W | 150/5 | P | (0～480)/5 | 1 |
| 11 | Defrost entry temperature | DST | -5 | ℃ | -15～0 | 1 |
| 12 | Defrost enters temperature difference | Dt | 12 | ℃ | 0～15 | 1 |
| 13 | Judgment time of first defrost | T1 | 40 | min | 20～90 | 1 |
| 14 | Defrosting process EEV opening | Opl | 480/5 | P | (0～480)/5 | 1 |
| 15 | Defrost compressor frequency | FD | 12 | Hz | 30～120 | 1 |
| 16 | Maximum operating frequency | Fmax | 85 | Hz | 30～120 | 1 |
| 17 | Power-off memory | PR | 1 | 0/1 | 0-disable<br>1-enable | / |
| 18 | Silent mode frequency limit | Fs | 55 | Hz | 30～120 | 1 |
| 19 | Sterilization set temperature | Tx | 65 | ℃ | 55～75 | 1 |
| 20 | Disinfection duration time | Td | 30 | Min | 20～120 | 1 |
| 21 | Run mode priority | Mp | 0 | 0/1/2 | 0-DHW<br>1-Space AC<br>2-Preempt | / |

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|---|---|---|---|---|---|---|
| 22 | Compressor resonance point 1 | FR1 | 0 | Hz | 0～120 | 1 |
| 23 | Compressor resonance point 2 | FR2 | 0 | Hz | 0～120 | 1 |
| 24 | Compressor resonance point 3 | FR3 | 0 | Hz | 0～120 | 1 |
| 25 | Compressor resonance point 4 | FR4 | 0 | Hz | 0～120 | 1 |
| 26 | Ambient temperature for electric heating of water tank | Teh | 4 | ℃ | -10～40 | 1 |
| 27 | Whether automatic temperature adjustment is effective | Auto heating Adjust enable | 0 | 0/1 | 0-disable 1-enable | 1 |
| 28 | Temperature compensation high point | Hi_A | 5 | ℃ | 0～20 | 1 |
| 29 | Temperature compensation low point | Lo_A | 0 | ℃ | -20～0 | 1 |
| 30 | Maximum temperature compensation | A | 5 | ℃ | 0～10 | 1 |
| 31 | Whether the high heating temperature shutdown is effective | To enable high temp. heating shutdown | 0 | 0/1 | 0-disable 1-enable | 1 |
| 32 | Heating high temperature shutdown temperature setting | T4h | 24 | ℃ | 10～30 | 1 |
| 33 | PWM water pump brand | MPumpTyp | 3 | / | 0-AC pump 1-OMT1 2-Grundfos 3-Wilo 4-OMT2 | 1 |
| 34 | Pump running status in heating standby mode | H-Pump | 3 | 0/1 | 0-On 1min OFF 3min 1-ON 1min OFF 10min 2-On 2min OFF 15min 3-Always On | 1 |
| 35 | Low temperature stop compressor temperature setting | T4L | -30 | ℃ | -40～-21 | 1 |
| 36 | Pipeline electric heating is effective or invalid | HD | 0 | 0/1 | 0-enable 1-disable | 1 |
| 37 | Whether the cooling mode is effective | Cool on enable | 0 | 0/1 | 0-enable 1-disable | 1 |

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|---|---|---|---|---|---|---|
| 38 | Whether the high pressure 2 switch is effective (system parameter) | Middle pressure Switch enable | 0 | 0/1 | 0-enable 1-disable | 1 |
| 39 | Minimum opening setting | MinEEV | 80/5 | P | (0～480)/5 | 1 |
| 40 | Minimum water temperature requirement when entering defrost | Tdf | 10 | ℃ | 0～40 | 1 |
| 41 | Ambient temperature of pipeline electric heating | T4g | -20 | ℃ | -40～20 | 1 |
| 42 | Defrost exit temperature | Ft | 15 | ℃ | 10～25 | 1 |
| 43 | Maximum defrost operating time | FT | 10 | Min | 1～20 | 1 |
| 44 | Return oil into the lowest frequency | Fo | 50 | Hz | 30～60 | 1 |
| 45 | Test mode AC fan speed | TF | 2 | / | 1-low speed 2-high speed | / |
| 46 | Chassis electric heating start temperature | BHon | -5 | ℃ | -15～0 | 1 |
| 47 | Minimum operating frequency | Fmin | 25 | Hz | 20～100 | 1 |
| 48 | Heating mode switch | HeatChange | 0 | / | 0/1 | / |
| 49 | Correction of heating target exhaust temperature | TargetTPh | 0 | ℃ | -10～15 | 1 |
| 50 | EEPROM Reset | / | 0 | / | 0-Normal 1-Reset | 1 |
| 51 | Standby water pump speed | SB-PWMout | 35 | % | 10～100 | 1 |
| 52 | Test mode DC fan speed | FspeedT | 900/15 | rpm | 200～1000/15 | 1 |
| 53 | Minimum DC fan speed | FanMin | 250/15 | rpm | 200～500/15 | 1 |
| 54 | Minimum DC fan speed | FanMax | 825/15 | rpm | 500～1000/15 | 1 |
| 55 | Maxmum DC fan speed | NoiseFan | 650/15 | rpm | 300～1000/15 | 1 |
| 56 | Cool coil pipe temp. | CondT | 40 | ℃ | 20～60 | 1 |
| 57 | Heat coil pipe temp. | EvapT | 5 | ℃ | -10～20 | 1 |
| 58 | DC fan resonance point 1 | SR1 | 0/15 | rpm | 0～1000/15 | 1 |

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|---|---|---|---|---|---|---|
| 59 | DC fan resonance point 2 | SR2 | 0/15 | rpm | 0～1000/15 | 1 |
| 60 | DC fan resonance point 3 | SR3 | 0/15 | rpm | 0～1000/15 | 1 |
| 61 | Test mode PWM pump speed | Test_P | 100 | % | 50～100 | 1 |
| 62 | PWM pump minimum speed | Min-PWMout | 70 | % | 50～100 | 1 |
| 63 | Trv is effective or not | enTrV | 1 | 0/1 | 0-disable<br>1-enable | 1 |
| 64 | Four way switching fault judgment temperature difference | Trv | 3 | ℃ | 0～10 | 1 |
| 65 | EVI heat or DHW superheat | SHe | 6 | ℃ | -5～25 | 1 |
| 66 | Cool test mode EEV-2 open | EEV_C | 0/5 | P | (0～480)/5 | 1 |
| 67 | Heat test mode EEV-2 open | EEV_H | 150/5 | P | (0～480)/5 | 1 |
| 68 | DHW test mode EEV-2 open | EEV_W | 150/5 | P | (0～480)/5 | 1 |
| 69 | Commercial mode heating frequency | FreqTestH | 60 | Hz | 20～100 | 1 |
| 70 | Commercial mode heating EEV-1 open | EEVTestH-1 | 250/5 | P | (0～480)/5 | 1 |
| 71 | Commercial mode heating EEV-2 open | EEVTestH-2 | 150/5 | P | (0～480)/5 | 1 |
| 72 | Commercial mode cooling frequency | FreqTestC | 40 | Hz | 20～100 | 1 |
| 73 | Commercial modecooling EEV-1 open | EEVTestC-1 | 300/5 | P | (0～480)/5 | 1 |
| 74 | Commercial mode cooling EEV-2 open | EEVTestC-2 | 0 | P | (0～480)/5 | 1 |
| 75 | Chassis heater on time | BaseHeatTime | 6 | 10Min | 0～100 | 1 |
| 76 | Group control address | IP | 0 | | 0-15 | 1 |
| 77 | Low pressure check type | LPS | 1 | / | 0-low pressure switch<br>1- low pressure sensor | 1 |
| 78 | Pump running status in cooling standby mode | C-Pump | 3 | 0/1 | 0-on 1min off 3min<br>1-on 1min off | 1 |

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|---|---|---|---|---|---|---|
| | | | | | 10min<br>2-on 2min off<br>15min<br>3-Always on | |
| 79 | Chassis heater enable or disable | TH4 | 1 | 0/1 | 0-disable<br>1-enable | 1 |
| 80 | EVI-main cool superheat(≤60Hz) | SHc1 | 4 | ℃ | 0～15 | 1 |
| 81 | EVI-sub cool superheat (≤60Hz) | SCe1 | 6 | ℃ | 0～15 | 1 |
| 82 | EVI-main cool superheat (≥70Hz) | SHc2 | 5 | ℃ | 0～15 | 1 |
| 83 | EVI-sub cool superheat (≥70Hz) | SCe2 | 6 | ℃ | 0～15 | 1 |
| 84 | Heating superheat | SHlps | 4 | ℃ | 0～15 | 1 |
| 85 | EVI startup frequency | F-EVI | 60 | Hz | 30～100 | 1 |
| 86 | Heat four way valve on delay | 4 Way-on time | 10 | S | 1-100 | 1 |
| 87 | Heat four way valve off delay | 4 Way-Off time | 120 | S | 0-120 | 1 |
| 88 | Target water temperature type | In/Out_Change | 0 | / | 0-TA Inlet water<br>1-TB Outlet water | 1 |
| 89 | Outlet water control differential coefficient | a | 3 | ℃ | 1-10 | 1 |
| 90 | Second compressor startup frequency | F-Start2 | 60 | Hz | 40-90 | 1 |
| 91 | Heat pump off frequency | F-Stop | 25 | Hz | 20-90 | 1 |
| 92 | Defrost 4-way valve switch frequency | FD-Change | 38 | Hz | 20-90 | 1 |
| 93 | Compressor off delay | COMP-Off time | 0 | S | 0-60 | 1 |
| 94 | EEV off delay | EEV- Stop time | 60 | S | 0-120 | 1 |
| 95 | Test mode type | Test_Typ | 0 | / | 0-normal<br>1-standard<br>2-ERP1<br>3-ERP2 | 1 |
| 96 | T3 change rate when defrost | DeT | 40/10 | ℃ | (10-100)/10 | 1 |

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|---|---|---|---|---|---|---|
| 97 | T4 switch in TP protection | TP-Change | -15 | ℃ | 0～-30 | 1 |
| 98 | Water pressure check enable | WPS | 0 | 0/1 | 0-disable<br>1-enable | 1 |
| 99 | Compressor resonance point 5 | FR5 | 0 | Hz | 0～120 | 1 |