

Mono

PUMP tab on the **DOMESTIC HOT WATER (DHW)** menu, if **TIMER RUNNING** is enabled.

DHW PUMP DI RUN sets whether or not the DHW pump (field supply) operates during the disinfection mode.

7.5 COOL MODE SETTING Menu

MENU > FOR SERVICEMAN > COOL MODE SETTING

Figure 3-7.10: COOL MODE SETTING menu

2 COOL MODE SETTING 1/3	2 COOL MODE SETTING 2/3	2 COOL MODE SETTING 3/3
2.1 COOL MODE YES	2.6 dTSC 2°C	2.11 T4C2 25°C
2.2 t_T4_FRESH_C 2.0HRS	2.7 t_INTERVAL_C 5MIN	2.12 ZONE1 C-EMISSION FCU
2.3 T4CMAX 43°C	2.8 T1SetC1 10°C	2.13 ZONE2 C-EMISSION FLH
2.4 T4CMIN 20°C	2.9 T1SetC2 16°C	
2.5 dT1SC 5°C	2.10 T4C1 35°C	
↔ ADJUST ↔	↔ ADJUST ↔	↔ ADJUST ↔

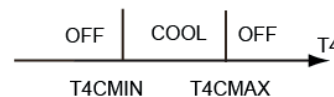
In **COOL MODE SETTING** the following parameters should be set.

COOL MODE enables or disables cooling mode. For installations with space cooling terminals, select **YES** to enable cooling mode. For installations without space cooling terminals, select **NON** to disable cooling mode.

t_T4_FRESH_C sets the refresh time of cooling model climate temperature curve.

T4CMAX sets the ambient temperature above which the heat pump will not operate in cooling mode. The highest value that **T4CMAX** can take is 46°C, which is the cooling mode upper ambient temperature operating limit of the heat pump. Refer to Figure 3-7.11.

Figure 3-7.11: T4CMAX, T4CMIN

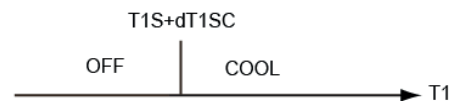


Abbreviations:
T4: Outdoor ambient temperature

T4CMIN sets the ambient temperature below which the heat pump will not operate in cooling mode. The lowest value that **T4CMIN** can take is -5°C, which is the cooling mode lower ambient temperature operating limit of the heat pump. Refer to Figure 3-7.11.

dT1SC sets the minimum temperature difference between the heat pump leaving water temperature (T_1) and the heat pump leaving water set temperature (T_{1S}) at which the heat pump provides chilled water to the space cooling terminals. When $T_1 - T_{1S} \geq dT_{1SC}$ the heat pump provides chilled water to the space cooling terminals and when $T_1 \leq T_{1S}$ the heat pump does not provide chilled water to the space cooling terminals.

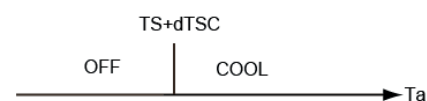
Figure 3-7.12: dT1SC



Abbreviations:
T1: Heat pump leaving water temperature
T1S: Heat pump leaving water set temperature

dTSC sets the temperature difference between the actual room temperature (T_a) and set room temperature (T_S) above which the heat pump provides chilled water to the space cooling terminals. When $T_a - T_S \geq dT_{SC}$ the heat pump provides chilled water to the space cooling terminals and when $T_a \leq T_S$ the heat pump does not provide chilled water to the space cooling terminals. Refer to Figure 3-7.13. **dTSC** is only applicable if **YES** is selected for **ROOM TEMP** in the **TEMP. TYPE SETTING** menu. Refer to Part 3, 7.8 "TEMP. TYPE SETTING Menu".

Figure 3-7.13: dTSC



t_INTERVAL_C sets the cooling mode compressor re-start delay. When the compressor stops running, it will not re-start until at least **t_INTERVAL_C** minutes have elapsed.