

until at least **t\_INTERVAL\_DHW** minutes have elapsed.

**dT5\_TBH\_OFF** sets the temperature difference between the DHW set temperature (T5S) and the DHW tank water temperature (T5) below which the immersion is not used. When  $T5 > \text{Min}(T5S + dT5\_TBH\_OFF, 65^\circ\text{C})$ , the immersion heater is off.

**T4\_TBH\_ON** sets the ambient temperature above which the immersion heater will not be used.

**t\_TBH\_DELAY** sets the delay between the compressor starting and the immersion heater being turned on.

**T5S\_DI** sets the DHW tank disinfection operation target temperature. Caution: during the disinfection operation (duration: **t\_DI\_MAX**) the domestic hot water temperature at the hot water taps will at times be equal to the value set for **T5S\_DI**.

**t\_DI\_HIGHTEMP** sets that length of time that the DHW tank disinfection operation target temperature is maintained.

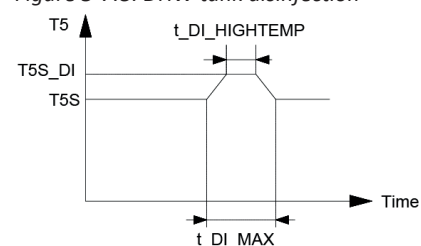
**t\_DI\_MAX** sets the total duration of the DHW tank disinfect operation.

**t\_DHWHP\_RESTRICT** sets the maximum length of time that the heat pump will run in space heating or space cooling modes before switching to DHW mode, if a requirement for DHW mode exists. When running in space heating mode or space cooling mode, the heat pump becomes available for DHW mode either as soon as the space heating/cooling set temperatures have been reached (refer to Part 3, 7.5 "COOL MODE SETTING Menu" and Part 3, 7.6 "HEAT MODE SETTING Menu") or after **t\_DHWHP\_MAX** minutes have elapsed.

**t\_DHWHP\_MAX** sets the maximum length of time that the heat pump will run in DWH mode before switching to space heating mode or space cooling mode if a requirement for space heating/cooling modes exists. When running in DHW mode, the heat pump becomes available for space heating/cooling either as soon as the DHW tank water temperature (T5) reaches the DHW set temperature (T5S) or after **t\_DHWHP\_MAX** minutes have elapsed.

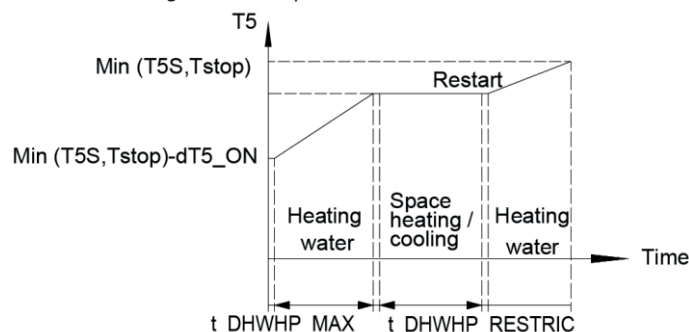
Figure 3-7.9 illustrates the effects of **t\_DHWHP\_MAX** and **t\_DHWHP\_RESTRICT** when **DHW PRIORITY** is enabled. The heat pump initially runs in DWH mode. After **t\_DHWHP\_MAX** minutes, T5 has not reached

Figure 3-7.8: DHW tank disinfection



Abbreviations:  
T5: DHW tank water temperature  
T5S: DHW set temperature

Figure 3-7.9: Operation in DHW PRIORITY



Abbreviations:  
T5: DHW tank water temperature  
T5S: DHW set temperature  
T5stop: DHW mode leaving water temperature operating limit

**DHW PUMP TIME RUN** sets whether or not the user is able to set the DHW pump (field supply) in DHW mode. For installations with a DHW pump, select ON so that the user is able to set pump start times.

**PUMP RUNNING TIME** sets the length of time the pump runs for at each of the user-specified start times on the **DHW**