

## 10 START-UP AND CONFIGURATION

The unit should be configured by the installer to match the installation environment (outdoor climate, installed options, etc.) and user expertise.

### **⚠ CAUTION**

It is important that all information in this chapter is read sequentially by the installer and that the system is configured as applicable.

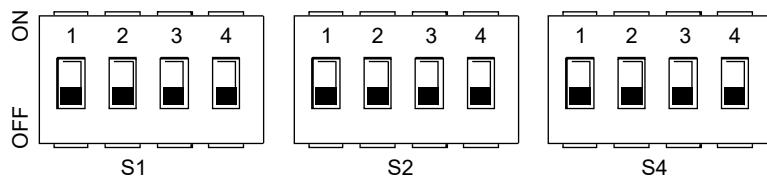
### 10.1 DIP switch settings overview

#### 10.1.1 Function setting

DIP switch S1,S2 and S4 are located on the main control hydraulic module board (see "9.3.1 main control board of hydraulic module").

### **⚠ WARNING**

Switch off the power supply before making any changes to the DIP switch settings.



| DIP switch | ON=1   | OFF=0 | Factory defaults   | DIP switch   | ON=1                                       | OFF=0                                    | Factory defaults   | DIP switch | ON=1  | OFF=0  | Factory defaults   |
|------------|--|-------|--|--|--|--|--|------------|---|--|--|
| S1         | 0/0=IBH(One-step control)<br>0/1=IBH(Two-step control)<br>1/1=IBH(Three-step control)                            |       | Refer to electrically controlled wiring diagram on the housing | 1  | Start pump after six hours will be invalid | Start pump after six hours will be valid | Refer to electrically controlled wiring diagram on the housing | 1          | Master unit:clear addresses of all slave units<br>Slave unit: clear its own address | Keep the current address                                       | Refer to electrically controlled wiring diagram on the housing |
|            | 0/0=Without IBH and AHS<br>1/0=With IBH<br>0/1=With AHS for heat mode<br>1/1=With AHS for heat mode and DHW mode |       |  |  | without TBH                                | with TBH                                 |  | 2          | IBH for DHW =invalid  | IBH for DHW =valid   |  |
| S4         |  |       | 3/4  | 0/0=pump 1<br>0/1=pump 2<br>1/0=pump 3<br>1/1=pump 4 |  |  | 3/4  | Reserved   |   | Refer to electrically controlled wiring diagram on the housing |  |
|            |  |       |  |  |  |  |  |            |   |  |  |

### 10.2 Initial start-up at low outdoor ambient temperature

During initial start-up and when water temperature is low, it is important that the water is heated gradually. Failure to do so may result in concrete floors cracking due to rapid temperature change. Please contact the responsible cast concrete building contractor for further details.

To do so, the lowest water flow set temperature can be decreased to a valve between 25°C and 35°C by adjusting the FOR SERVICEMAN. Refer to 10.5.12 "SPECIAL FUNCTION".