





5 DIP Switch Settings

DIP switch is located on the hydraulic module main control board and allows configuration of additional heating source thermistor installation, the second inner backup heater installation, etc.

Table 3-5.1: DIP switch settings

Switch		ON=1		OFF=0	Default factory setting
S1 ON OFF 	1/2	00=3kW IBH(One-stage control) 11=9kW IBH(Three-stage control)			OFF/OFF
	3/4	00=Without IBH and AHS 10=With IBH 01=With AHS for heating mode 11=With AHS for heating mode and DHW			OFF/OFF
S2 ON OFF 	1	Start pumpo after six hours will be invalid	Start pumpo after six hours will be valid		OFF
	2	without TBH	with TBH		OFF
	3/4	00=variable speed pump(Max head:8.5m) 01=constant speed pump 10= variable speed pump(Max head:10.5m) 11=variable speed pump(Max head:9.0m)			ON/ON
S4 ON OFF 	1	Reserved	Reserved		OFF
	2	Reserved	Reserved		OFF
	3/4	Reserved			OFF/OFF
S9 ON OFF 	1/2	00=Slave unit 11=Msater unit			ON

6 Internal Circulation Pump

The pump is controlled via a digital low-voltage pulse-width modulation signal which means that the speed of rotation depends on the input signal. The speed changes as a function of the input profile. The relationship between external static pressure and water flow rate is described in Part 2, 7 “Hydronic Performance”.

Figure 3-6.1: Internal circulation pump

