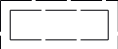
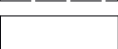
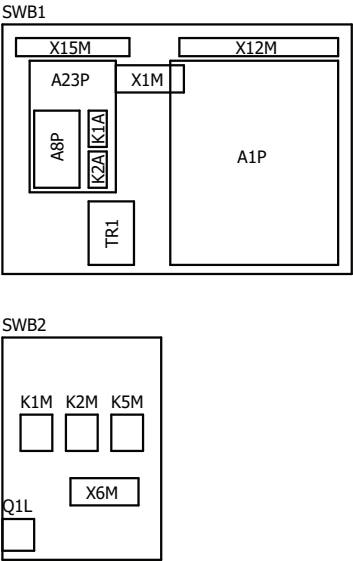


NOTES to go through before starting the unit

X1M	: Main terminal		: Option
X6M	: BUH Power supply terminal		: Wiring depending on model
X12M	: Field wiring terminal for AC		: Not mounted in switch box
X15M	: Field wiring terminal for DC		: PCB
-----	: Earth wiring		
- - - - -	: Field supply		
①	: Several wiring possibilities		

- Backup heater power supply
- ☐ 3V (1N~, 230V, 3kW)
- ☐ 6V3 (1N~, 230V, 6kW)
- ☐ 6WN/9WN (3N~, 400V, 6/9kW)
- User installed options:
- ☐ Backup heater
- ☐ Remote user interface
- ☐ Ext. indoor thermistor
- ☐ Ext. outdoor thermistor
- ☐ Demand PCB
- ☐ Smartgrid kit
- ☐ WLAN adapter module
- ☐ WLAN cartridge
- ☐ BZ mixing kit
- Main LWT:
- ☐ ON/OFF thermostat (wired)
- ☐ ON/OFF thermostat (wireless)
- ☐ Ext. thermistor
- ☐ Heat pump convactor
- Add LWT:
- ☐ ON/OFF thermostat (wired)
- ☐ ON/OFF thermostat (wireless)
- ☐ Ext. thermistor
- ☐ Heat pump convactor

POSITION IN SWITCH BOX



LEGEND

Part n°	Description	Part n°	Description
A1P	main PCB	M4S	* shut-off valve
A2P	* ON/OFF thermostat (PC=power circuit)	P1M	MMI display
A3P	* heat pump convactor	PC (A15P)	* power circuit
A8P	* demand PCB	Q1L	* thermal protector backup heater
A9P	status indicator	Q4L	# safety thermostat
A11P	MMI main PCB	Q*DI	# earth leakage circuit breaker
A14P	* user interface PCB	R1H (A2P)	* humidity sensor
A15P	* receiver PCB (wireless ON/OFF thermostat)	R1T (A1P)	outlet water heat exchanger thermistor
A20P	* WLAN adapter module	R1T (A2P)	* ambient sensor ON/OFF thermostat
A23P	hydro extension PCB	R1T (A14P)	* ambient sensor user interface
A30P	* BZ mixing kit PCB	R2T (A1P)	outlet backup heater thermistor
B2L	flow sensor	R2T (A2P)	* external sensor (floor or ambient)
B1PW	water pressure sensor	R5T, R8T	domestic hot water thermistor
DS1 (A8P)	* dipswitch	R6T	* external indoor or outdoor ambient thermistor
E1H	* backup heater element (1 kW)	R7T	mixed leaving water thermistor
E2H	* backup heater element (2 kW)	S1L	flow switch
E*P (A9P)	indication LED	S1S	# preferential kWh rate P5 contact
F1B	# overcurrent fuse backup heater	S2S	# electrical meter pulse input 1
F1T	* thermal fuse backup heater	S3S	# electrical meter pulse input 2
F2B	# overcurrent fuse main	S4S	# smart grid feed-in contact
FU1 (A1P)	fuse (T 5 A 250 V for PCB)	S6S-S9S	* digital power limitation inputs
FU1 (A23P)	fuse (3.15 A 250 V for PCB)	S10S-S11S	* low voltage smartgrid contact
K1A, K2A	* high voltage smartgrid relay	S12S	# gas meter input
K1M, K2M	* contactor backup heater	S13S	# solar input
K5M	* safety contactor BUH	SW1~2 (A11P)	turn buttons
K* (A23P)	relay on PCB	SW3~5 (A11P)	push button
K*R (A*P)	relay on PCB	TR1	power supply transformer
M1P	main supply pump	X*, X*A,	connector
M1S	DHW tank mixing 3 way valve	X*H*, X*Y	
M2P	# domestic hot water pump	X*M	terminal strip
M2S	bypass mixing 3 way valve		

* : optional # : field supply