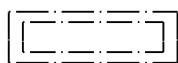


NOTES to go through before starting the unit

X1M : Main terminal
 X2M : Field wiring terminal for high voltage
 X3M : Field wiring terminal for low voltage
 : Earth wiring
 - - - - - : Field supply
 → **/12.2 : Connection ** continues on page 12 column 2

① : Several wiring possibilities



: Option



: Wiring depending on model



: Not mounted in switch box



: PCB

User installed options:

- Bottom plate heater
- Backup heater
- Domestic hot water tank
- Domestic hot water tank with solar connection
- Room thermostat (wired)
- Room thermostat (wireless)
- External temperature sensor
- Remote user interface
- Digital I/O PCB
- Demand PCB
- Solar pump and control station

LEGEND

Part n°	Description
A1P	Main PCB
A2P	User interface PCB
A3P	Control PCB
A4P	Inverter control PCB
A5P	Inverter PCB
A6P	Filter PCB
A7P	* Digital I/O PCB
A8P	* Demand PCB
A9P	* Solar pumpstation PCB
A10P	* Thermostat PCB
A11P	* Receiver PCB
B1PH	High pressure sensor
B1PL	Low pressure sensor
BS1 - BS4 (A4P)	Push button
BSK	* Solar pumpstation relay
C1 - C2	Filter capacitor
C1 - C2 (A5P)	PCB capacitor
DS1 (A*P)	Dip switch
E7H	* Bottom plate heater
F1 - F2	Inline fuse
F1U (A1P, A3P)	Fuse (T, 3.15A, 250V)
F1U - F2U (A4P)	Fuse (3.15A, 500V)
F3U - F5U (A4P)	Fuse (6.3A, 250V)
F1U - F2U (A7P)	* Fuse (5A, 250V)
H1P - H7P (A4P)	PCB LED
HAP (A*P)	PCB LED
K1A	Interface relay
K1E	Electronic expansion valve
K2E	Electronic expansion valve
K1M - K2M	PCB contactor
K*R (A*P)	PCB relay
K1S	* 3 way valve
M1C	Compressor
M1F	Switch box cooling fan
M1P	DC inverter pump
PC (A11P)	* Power circuit
PHC1	Optocoupler input circuit
PS (A*P)	Switching power supply
Q1DI - Q2DI	# Earth leakage circuit breaker
Q2L	Thermal protector water piping
R1 (A5P)	Resistance
R1L - R3L	Reactor

Part n°	Description
R1H (A10P)	* Humidity sensor
R1T (A10P)	* Ambient sensor
R2T	* Domestic hot water tank thermistor
R2T	* External sensor (floor or ambient)
R3T	Liquid thermistor R410a
R4T	Returning water thermistor
R5T	Leaving water thermistor
R6T	Discharge thermistor
R7T	Liquid thermistor R134a
R8T	Fin thermistor
RC (A*P)	Receiver circuit
S1PH	High pressure switch
S1S	# Benefit kWh rate power supply contact
S3S	# Input multiple setpoint 1
S4S	# Input multiple setpoint 2
SS1 (A1P)	Selector switch (emergency)
SS1 (A2P)	Selector switch (master slave)
SS1 (A7P)	* Selector switch
TC (A*P)	Transmitter circuit
T1R - T2R (A*P)	Diode bridge
V1C - V12C	Ferrite core noise filter
X1M - X3M	Terminal strip
X*M (A*P)	* PCB terminal strip
X5Y	Connector
Y1R	4 way valve
Z1F - Z5F (A*P)	Noise filter

*: optional

#: field supply