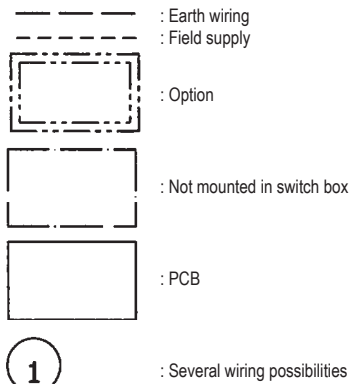


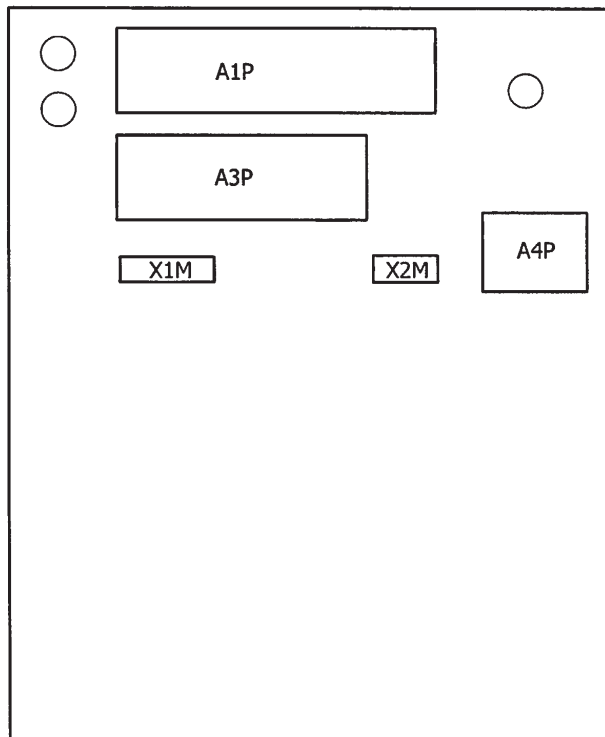
NOTES TO GO THROUGH BEFORE STARTING THE UNIT:

X1M: Field wiring terminal for high voltage
 X2M: Field wiring terminal for low voltage



- User installed options:
- EKRUHT* = Remote user interface
 - EKRP1AHT* = Demand PCB
 - EKBUH* = External back-up heater
 - EKRTW* = Room thermostat (wired)
 - EKRTTR* = Room thermostat (wireless)
 - EKRTETS = External temperature sensor for EKRTTR*

SWITCHBOX LAYOUT:



LEGEND:

*: Field installed option
 #: Field supplied

Part number	Description
A1P	Main PCB (master)
A2P	User interface PCB
A3P	Control PCB
A4P	* Demand PCB
A5P	* Remote user interface PCB
A6P	* Thermostat PCB
A7P	* Receiver PCB
C1-C3	Filter capacitor
F1U (A*P)	Fuse (T, 3.15A, 250V)
HAP (A*P)	PCB LED
K1E	Electronic expansion valve
K*R (A3P)	PCB relay
M1P	Pump
PC (A7P)	* Power circuit
PS (A1P)	Switching power supply
Q*DI	# Earth leakage circuit breaker
R1H (A6P)	* Humidity sensor
R1T	Leaving water thermistor
R1T (A6P)	* Ambient sensor
R2T	Returning water thermistor
R2T	* External sensor (floor or ambient)
R3T	Refrigerant liquid thermistor
R4T	Refrigerant gas thermistor
S1L	Flow switch
S1S	# Thermostat input 1
S2S	# Thermostat input 2
S3S	# Operation ON input
S4S	# Operation OFF input
SS1 (A1P)	Selector switch (emergency)
SS1 (A2P)	Selector switch (main/sub)
SS1 (A5P)	* Selector switch (main/sub)
T1R	Diode bridge
V1C - V2C	Ferrite core noise filter
X1M - X2M	Terminal strip
X*A (A*P)	PCB corrector
X*M (A*P)	* PCB terminal strip
Z1F (A1P)	Noise filter