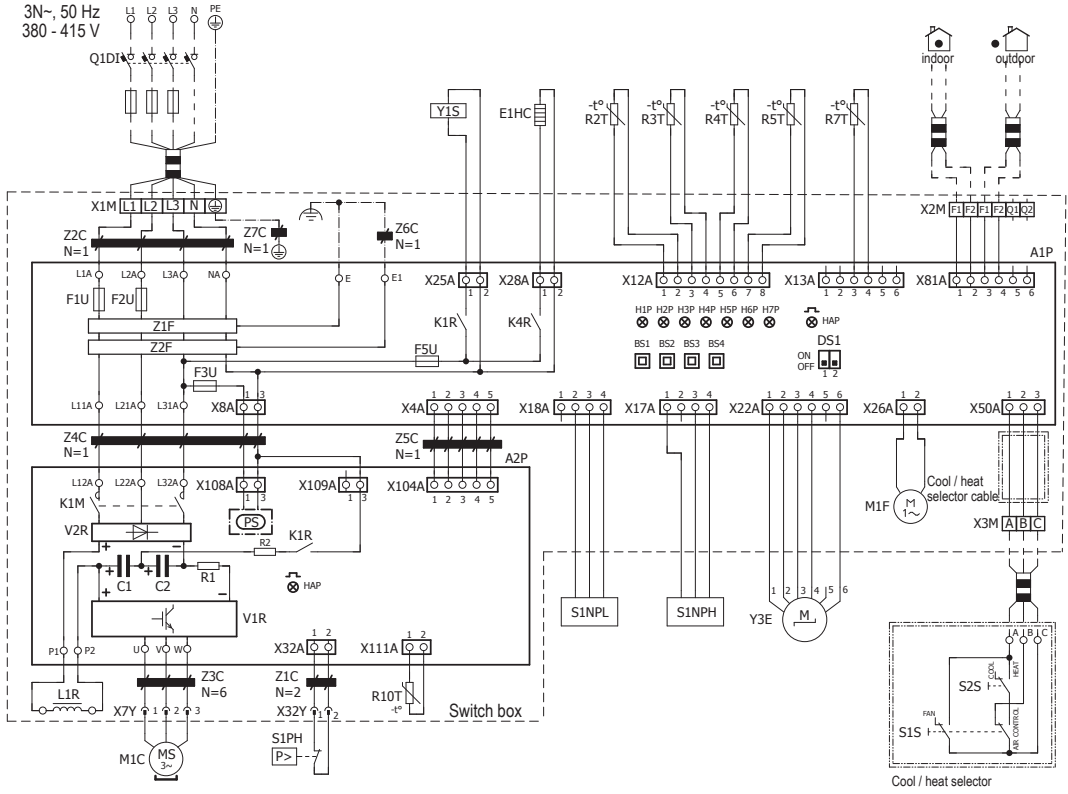
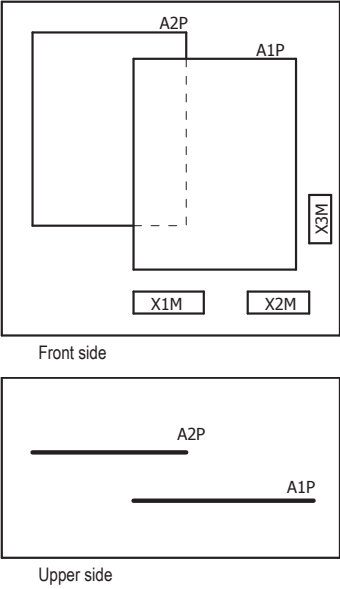




NOTES to go through before starting the unit

- X1M : Main terminal
- 15 : Earth wiring
- 15 : Wire number 15
- Field wire
- Field cable
- **/12.2 : Connection ** continues on page 12 column 2
- 1 : Several wiring possibilities
- Option
- Wiring depending on model
- Not mounted in switch box
- PCB

POSITION IN SWITCH BOX



LEGEND

Part n°	Description
A1P	main PCB
A2P	inverter PCB (INV)
BS* (A1P)	push button
C* (A2P)	capacitor
DS1 (A1P)	dipswitch
E1HC	crankcase heater
F1U (A1P)	fuse T 31,5 A 250 V for PCB
F2U (A1P)	fuse T 31,5 A 250 V for PCB
F3U (A1P)	fuse T 6,3 A 250 V for PCB
F5U (A1P)	fuse T 6,3 A 250 V for PCB
H*P (A1P)	LED (service monitor-orange)
HAP (A*P)	running LED (service monitor-green)
K1M (A2P)	magnetic contactor
K1R (A*P)	magnetic relay
K4R (A1P)	magnetic relay (E1HC)
L1R	reactor
M1C	motor (compressor)
M1F	motor (FAN)
PS (A2P)	switching power supply
Q1DI	earth leakage circuit breaker
R* (A2P)	resistor
R2T	thermistor (discharge)

Part n°	Description
R3T	thermistor (suction accumulator)
R4T	thermistor (subcool HE gas)
R5T	thermistor (suction compressor)
R7T	thermistor (liquid)
R10T	thermistor (fin)
S1NPL	pressure sensor (low)
S1NPH	pressure sensor (high)
S1PH	high pressure switch
S*S	* switch cool/heat selector
V1R (A2P)	IGBT power module
V2R (A2P)	diode module
X1M	terminal strip (power supply)
X2M	terminal strip (low voltage)
X3M	terminal strip (cool/heat selector)
X*Y	connector
Y1S	solenoid valve (4 way valve)
Y3E	electronic expansion valve
Z*C	noise filter (ferrit core)
Z*F (A1P)	noise filter

* : optional
: field supply