

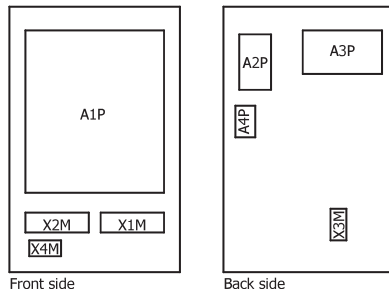
NOTES to go through before starting the unit

1. Symbols :

X1M	: Main terminal		: Option
15	: Earth wiring		: Wiring depending on model
---	: Wire number 15		: Not mounted in switch box
---	: Field wire		: PCB
	: Field cable		
	: Screened conductor		
①	: Several wiring possibilities		

- Refer to the installation or service manual on how to use BS1 ~ BS3 push buttons and DS1-1 ~ DS1-2 DIP switches.
- Do not operate the unit by short-circuiting protection device S1PH. S1PH-A automatically resets after high pressure has been exceeded, S1PH-M has to be manually reset after high pressure has been exceeded.
- Refer to the installation manual for indoor-outdoor transmission F1-F2 wiring.
- When using the central control system, connect outdoor-outdoor transmission F1-F2.
- The capacity of the contact is 220~240V AC - 0,5A (Rush current needs 3A or less).
- Use dry contact for micro-current (1 mA or less 12V DC).
- Digital output: max 40V DC - 0,025A. Refer to installation manual for how to use this output.
- For X27A refer to the installation manual of the option.

POSITION IN SWITCH BOX



LEGEND



Translation can be found in the installation manual.

Part n°	Description	Part n°	Description
A1P	main PCB	R7T	thermistor (heat exchanger)
A2P	sub PCB	R10T	thermistor (fin)
A3P	back up PCB	R21T	thermistor (discharge)
A4P	cool / heat selector PCB	R*T (A*P)	PTC thermistor
BS* (A1P)	push button switch	S1NPH	high pressure sensor
DS* (A1P)	dipswitch	S1NPL	low pressure sensor
E1H	* bottom plate heater	S1PH*	high pressure switch
E1HC	crank case heater	S1S	* air control switch
F1U (A1P)	fuse M 56 A 250 V	S2S	* cool / heat switch
F1U (A2P)	fuse T 3.15 A 250 V	SEG* (A1P)	7-segment display
F1U	fuse T 1.0 A 250 V	SFB	# mechanical ventilation error input
F2U (A1P)	fuse T 6.3 A 250 V	V1R, V2R (A1P)	IGBT power module
F3U (A1P)	fuse T 6.3 A 250 V	V3R (A1P)	diode module
F6U (A1P)	fuse T 5 A 250 V	X*A	PCB connector
F101U (A3P)	fuse T 2.0 A 250 V	X*M	terminal strip
HAP (A1P,A3P)	running LED (service monitor-green)	X*Y	connector
K*M (A1P)	contactor on PCB	Y1E	electronic exp. valve (main - EVM1)
K*R (A*P)	relay on PCB	Y2E	electronic exp. valve (EVT)
M1C	motor (compressor)	Y3E	electronic exp. valve (main - EVM2)
M1F	motor (fan)	Y4E	electronic exp. valve (EVL)
PS* (A*P)	switching power supply	Y5E	electronic exp. valve (EVS)
Q1	overload switch	Y6E	electronic exp. valve (EVS)
Q1DI	# earth leakage circuit breaker	Y1S	solenoid valve (4-way valve)
R1T	thermistor (ambient)	Y3S	# error operation output (SVE0)
R3T	thermistor (suction)	Y4S	# leak sensor output (SVS)
R4T	thermistor (liquid)	Z*C	noise filter (ferrite core)
R5T	thermistor (subcool)	Z*F (A*P)	noise filter
R6T	thermistor (superheat)		

* : optional

: field supply