

## NOTES TO GO THROUGH BEFORE STARTING THE UNIT

X1M : Terminal  
 X2M : Field wiring terminal for high voltage  
 X3M : Field wiring terminal for low voltage  
 X4M : Factory wiring terminal for low voltage  
 X4M : Booster heater terminal

— : Earth wiring  
 - - - : Field supply



: Option



: Wiring depending on model



: Not mounted in switchbox



: PCB

→ \*\*/12.2 : Connection \*\* continues on page 12 column 2  
 ① : Several wiring possibilities

### User installed options:

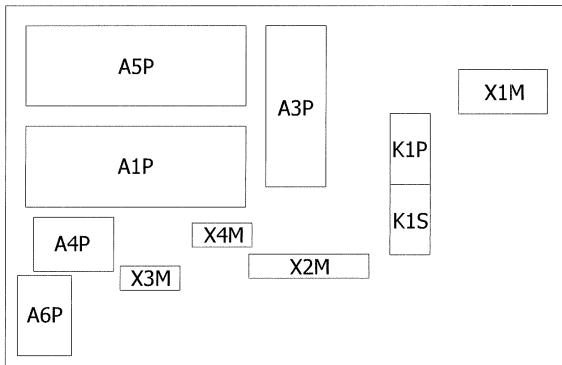
- EKRUAHT\* Remote user interface
- 1x EKRP1AHT\* Demand PCB (Only for SEHVX(20/32)AAW)
- 2x EKRP1AHT\* Demand PCB (Only for SEHVX(40-64)AAW)

## LEGEND

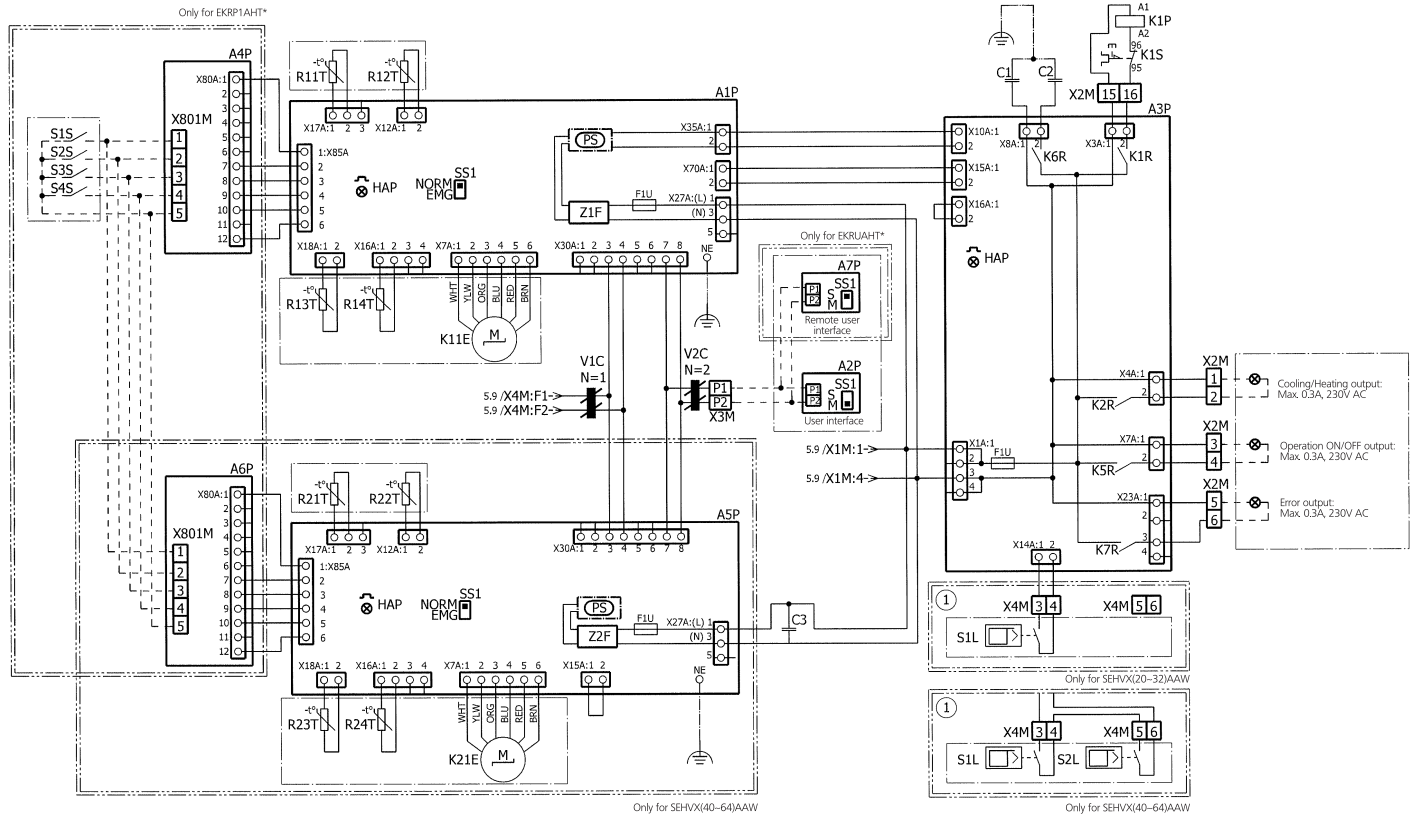
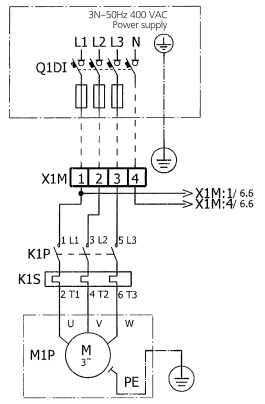
\* : Field installed option  
 # : field supplied

A1P : Main PCB (Master)  
 A2P : User interface PCB  
 A3P : Control PCB  
 A4P \* : Demand PCB  
 A5P : Main PCB (Slave)  
 A6P \* : Demand PCB  
 A7P \* : Remote user interface PCB  
 C1 - C3 : Filter capacitor  
 FU1 (A\*P) : Fuse (T 3.15A 250 V)  
 HAP (A\*P) : PCB LED  
 K11E : Electronic expansion valve (circuit 1)  
 K21E : Electronic expansion valve (circuit 2)  
 K1P : Pump contactor  
 K1S : Pump overcurrent relay  
 K\*R (A3P) : PCB relay  
 M1P : Pump  
 PS (A\*P) : Switching power supply  
 Q1DI # : Earth leakage circuit breaker  
 R11T : Leaving water thermistor (Circuit 1)  
 R12T : Returning water thermistor (Circuit 1)  
 R13T : Refrigerant liquid thermistor (Circuit 1)  
 R14T : Refrigerant gas thermistor (Circuit 1)  
 R21T : Leaving water thermistor (Circuit 2)  
 R22T : Returning water thermistor (Circuit 2)  
 R23T : Refrigerant liquid thermistor (Circuit 2)  
 R24T : Refrigerant gas thermistor (Circuit 2)  
 S1L : Flow switch (Circuit 1)  
 S2L : Flow switch (Circuit 2)  
 S1S # : Thermostat input 1  
 S2S # : Thermostat input 2  
 S3S # : Operation ON input  
 S4S # : Operation OFF input  
 SS1 (A1P,A5P) : Selector switch (emergency)  
 SS1 (A2P) : Selector switch (main/sub)  
 SS1 (A7P) \* : Selector switch (main/sub)  
 V1C-V2C : Ferrite core noise filter  
 X1M-X4M : Terminal strip  
 X801M (A\*P) \* : PCB terminal strip  
 Z1F-Z2F (A\*P) : Noise filter

## Switchbox layout



# SEHVX-AAW



- Cooling/Heating output: Max. 0.3A, 230V AC
- Operation ON/OFF output: Max. 0.3A, 230V AC
- Error output: Max. 0.3A, 230V AC

