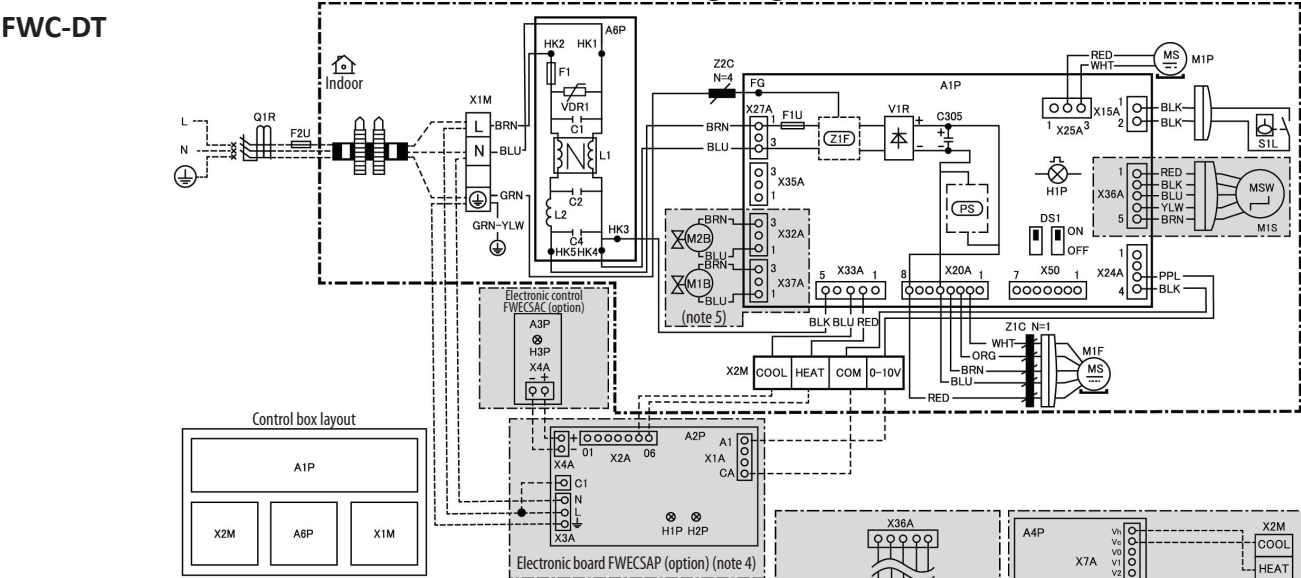


FWC-DF
FWC-DT

Wiring diagram

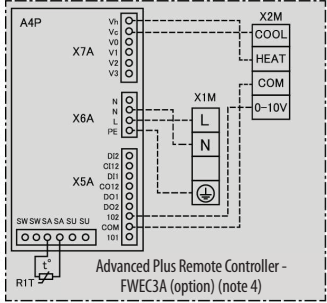
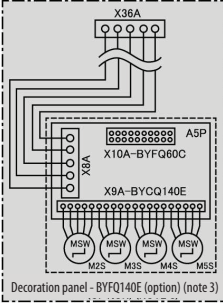


Wire colours	
BLK	Black
RED	Red
WHT	White
YLW	Yellow
GRN	Green
ORG	Orange
BRN	Brown
BLUE	Blue
PPL	Purple

- NOTES**
1. terminal block, connector, field wiring
 2. Refer to installation manual for power requirement.
 3. X36A is connected when the decorative panel kit is being used.
 4. Please follow the manual of the external remote controller for the wiring of the remote controller.
 5. X32A and X37A can only be connected to the specified Daikin valve options.

Indoor unit	
A1P	Main PCB
A2P	Electronic board (FWECSAP)
A3P	Electronic control (FWECSAC)
A4P	Advanced Plus Remote Controller (FWECSA)
A5P	Adaptor PCB (Panel connection)
A6P	Filter PCB (Inside of el. compo. assy)
C1	Film capacitor
C2	Film capacitor
C4	Film capacitor
C305	Capacitor
FG	Frame ground
F1	Fuse (6.3A, 250V)
F1U	Fuse (6.3A, 250V)
F2U	Field fuse
DS1	Dip switch on PCB
H1P	Flashing lamp
L1	CM Choke (cool)
L2	Inductor
M1P	Motor (drain pump)
M15	
M25	
M35	Swing motor
M45	
M55	
M1F	Motor (DC Fan)
S1L	Float switch
VDR1	Varistor
V1R	Diode bridge
Q1R	Earth leakage breaker
X1M	Terminal strip (power supply)

X2M	Terminal strip(R/C signal and valve terminal & fan modulating)
Z1F	Noise filter
Z1C	Ferrite core
Z2C	Ferrite core
PS	Switching power supply
M1B	Heating actuator
M2B	Cooling actuator
PCB connections	
X15A	Float switch
X20A	BLDC motor
X24A	Fan modulating
X25A	Drain pump
X27A	Power supply
X32A	Cooling valve
X33A	R/C signal and valve
X35A	Electrical heater
X36A	Stepping motor (dec. panel)
X37A	Heating valve
X50A	Serial communication
Filter PCB connections	
HK1	Harness - Neutral X1M (BLU)
HK2	Harness - Line X1M (BRN)
HK3	Harness - Neutral X33A (BLK)
HK4	Harness - Neutral X27A (BLU)
HK5	Harness - Line X27A (BRN)
Terminal connections	
0-10V	0-10V DC Fan modulating
COM	Common
HEAT	Heating signal
COOL	Cooling signal



External Remote Controller (FWECSA-FWECS)	
H1P	Status lamp
H2P	Network lamp
A1/102	0-10V DC fan modulating
CA/COM	Common
06/VH	Heating signal
05/VV	Cooling signal
L	Phase
N	Neutral
PE	Protective earth
R1T	Thermistor (air)

Connector for optional parts	
X1A	Connector (fan modulating wires)
X2A	Connector (wiring valve wires)
X3A	Connector (Power supply for MODBUS)
X4A	Connector (Power supply for display)
X5A	Connector (fan modulating wires)
X6A	Connector (Power supply for display)
X7A	Connector (wiring valve wires)
X8A	Connector (naked PCB 36A)
X9A	Connector (BYCQ140E panel wire)
X10A	Connector (BYFQ60C panel wire)