

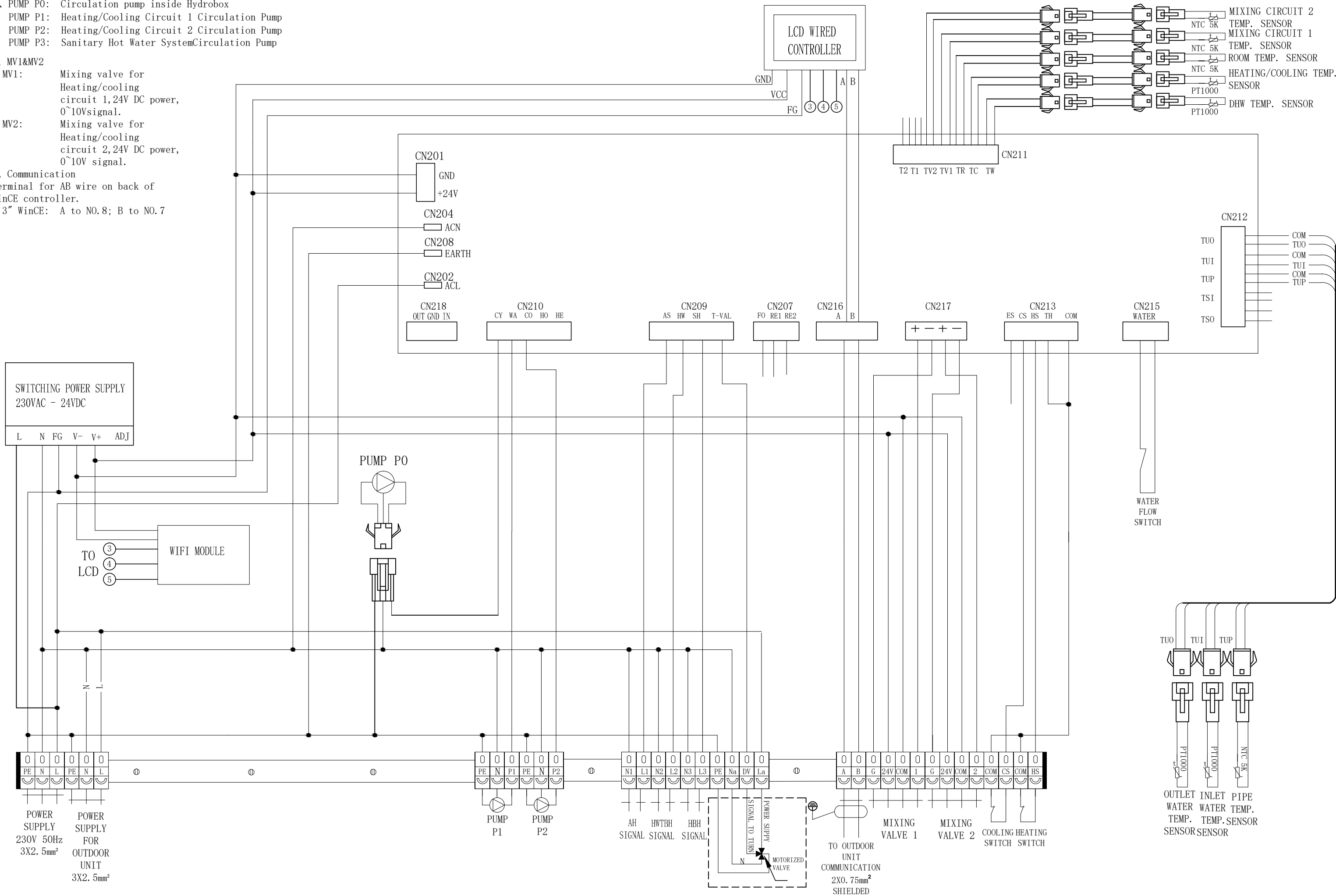
WIRING DIAGRAM

NCJXT00053A00-D

- 1、 AH: Auxiliary Electrical Heater
- HWTBH: Hot Water Tank Back-up Heater
- HBH: Heating Back-up Heater
- 2、 PUMP P0: Circulation pump inside Hydrobox
- PUMP P1: Heating/Cooling Circuit 1 Circulation Pump
- PUMP P2: Heating/Cooling Circuit 2 Circulation Pump
- PUMP P3: Sanitary Hot Water System Circulation Pump

- 3、 MV1&MV2
- MV1: Mixing valve for Heating/cooling circuit 1, 24V DC power, 0~10V signal.
- MV2: Mixing valve for Heating/cooling circuit 2, 24V DC power, 0~10V signal.

- 4、 Communication
- Terminal for AB wire on back of WinCE controller.
- 4.3" WinCE: A to NO.8; B to NO.7



- NTC 5K MIXING CIRCUIT 2 TEMP. SENSOR
- NTC 5K MIXING CIRCUIT 1 TEMP. SENSOR
- NTC 5K ROOM TEMP. SENSOR
- PT1000 HEATING/COOLING TEMP. SENSOR
- PT1000 DHW TEMP. SENSOR

- COM
- TUO
- COM
- TUI
- COM
- TUP
- COM
- TSI
- TSO

- TUO
- TUI
- TUP
- PT1000
- PT1000
- NTC 5K

OUTLET INLET PIPE
WATER WATER
TEMP. TEMP.
SENSOR SENSOR

SWITCHING POWER SUPPLY
230VAC - 24VDC

L N FG V- V+ ADJ

TO
③
④
⑤
LCD

WIFI MODULE

POWER SUPPLY 230V 50Hz 3X2.5mm²

POWER SUPPLY FOR OUTDOOR UNIT 24VDC 3X2.5mm²

CN201
GND
+24V

CN204
ACN

CN208
EARTH

CN202
ACL

CN218
OUT GND IN

CN210
CY WA CO HO HE

CN209
AS HW SH T-VAL

CN207
FO RE1 RE2

CN216
A B

CN217
+ - + -

CN213
ES CS HS TH COM

CN215
WATER

PUMP P0

PE N P1 PE N P2

PUMP P1 PUMP P2

N1 L1 N2 L2 N3 L3 PE Na DV La

AH HWTBH HBH
SIGNAL SIGNAL SIGNAL

A B G 24V COM 1 G 24V COM 2 COM CS COM HS

MIXING VALVE 1 MIXING VALVE 2

TO OUTDOOR UNIT COMMUNICATION 2X0.75mm² SHIELDED

COOLING HEATING SWITCH SWITCH

POWER SUPPLY
SIGNAL TO TURN
MOTORIZED VALVE

WATER FLOW SWITCH