2.0 LAY-OUT FOR RCC 1 HD CONTROLLER

Fig. 1 FRONT DETAIL

AE-CC-01 CONTROLLER
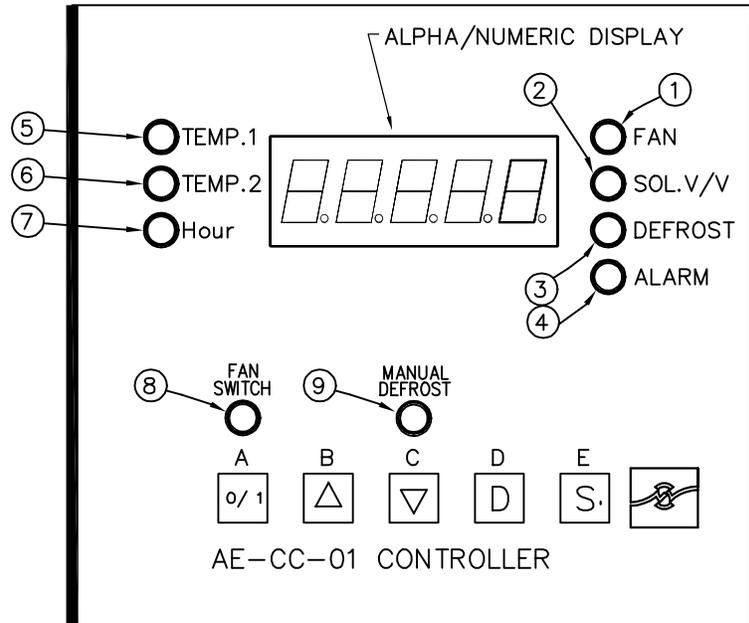
LED DESCRIPTION

NO	NAME/DESCRIPTION	COLOR
1	FAN RUN INDICATION	GREEN
2	SOL. VALVE OPEN INDICATION	GREEN
3	DEFROSTING ELEMENT RUNNING INDICATION	GREEN
4	ALARM INDICATION	RED
5	ROOM TEMP. INDICATION	YELLOW
6	COOLING PIN SURFACE TEMP. INDICATION	YELLOW
7	FAN RUNNING HOUR INDICATION	YELLOW
8	FAN START SWITCH "ON" INDICATION	GREEN
9	MANUAL DEFROSTING S/W "ON" INDICATION	GREEN

SWITCH DESCRIPTION

SYMBOL	NAME/DESCRIPTION	REMARK
A	FAN START/STOP	—
B	RAISE SWITCH	—
C	MANUAL DEFROSTING SWITCH or ("SET S/W" +) LOWER SWITCH	DUAL FUNCTION
D	DISPLAY CHANGING OR ALARM RESET SWITCH	DUAL FUNCTION
E	PARAMETER SETTING SWITCH	—

ALPHA-NUMERIC DISPLAY

ALPHA-NUMERIC DISPLAY(7-SEGMENT) SHALL INDICATE ROOM TEMPERATURE OR RUNNING HOURS, OR SURFACE TEMPERATURE ON COOLING COIL, USING BY DISPLAY VALUE CHANGING SWITCH "D".
AND ERROR CODE NO. OR PARAMETER SHALL BE DISPLAYED UNDER RELEVANT CONDITIONS.

Fig. 2 BACK VIEW DETAIL

SWITCH/INDICATION PCB
(S/N : DS-PT-2-V1-1A)

FRONT ALUMINUM PLATE

COMMUNICATION PORT

REMOTE INDICATION (OPTION)

MAIN CONTROL PCB
(S/N : DS-PT-2-V1-1B)

MAIN CHIP

INPUT/OUTPUT PCB
(S/N : DS-PT-2-V1-1C)

A
B
B_

NO.1 PT100

A
B
B_

NO.2 PT100

INPUT

IN1
IN2
IN3
COM

DIGITAL INPUT

POWER SUPPLY

11V
0V
9V
0V
11V
0V

FAN RUN/STOP

COMP.SIGNAL

RUN FEED BACK SIGNAL

OUTPUT

TR2   TR1   RY2   RY1

NO NC C   NO NC C

OUT 2 FAN RUN

OUT 1 DEFROSTING

C

RY2 SOL. V/V

RY1 ALARM