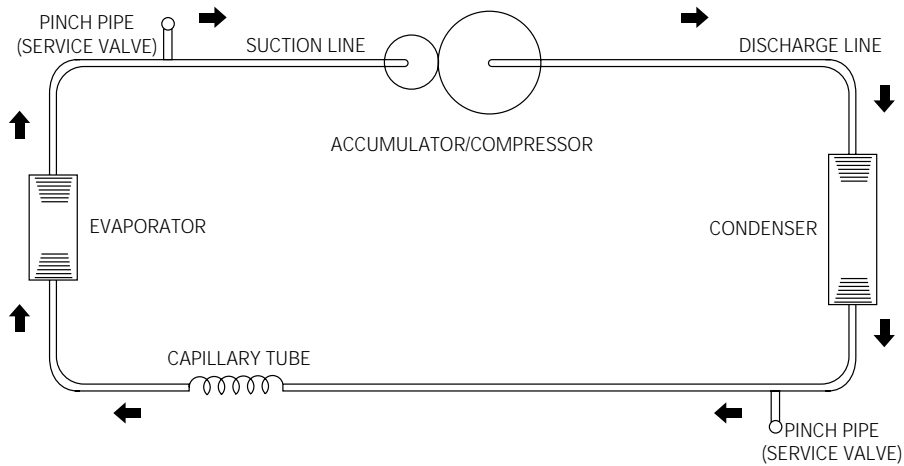


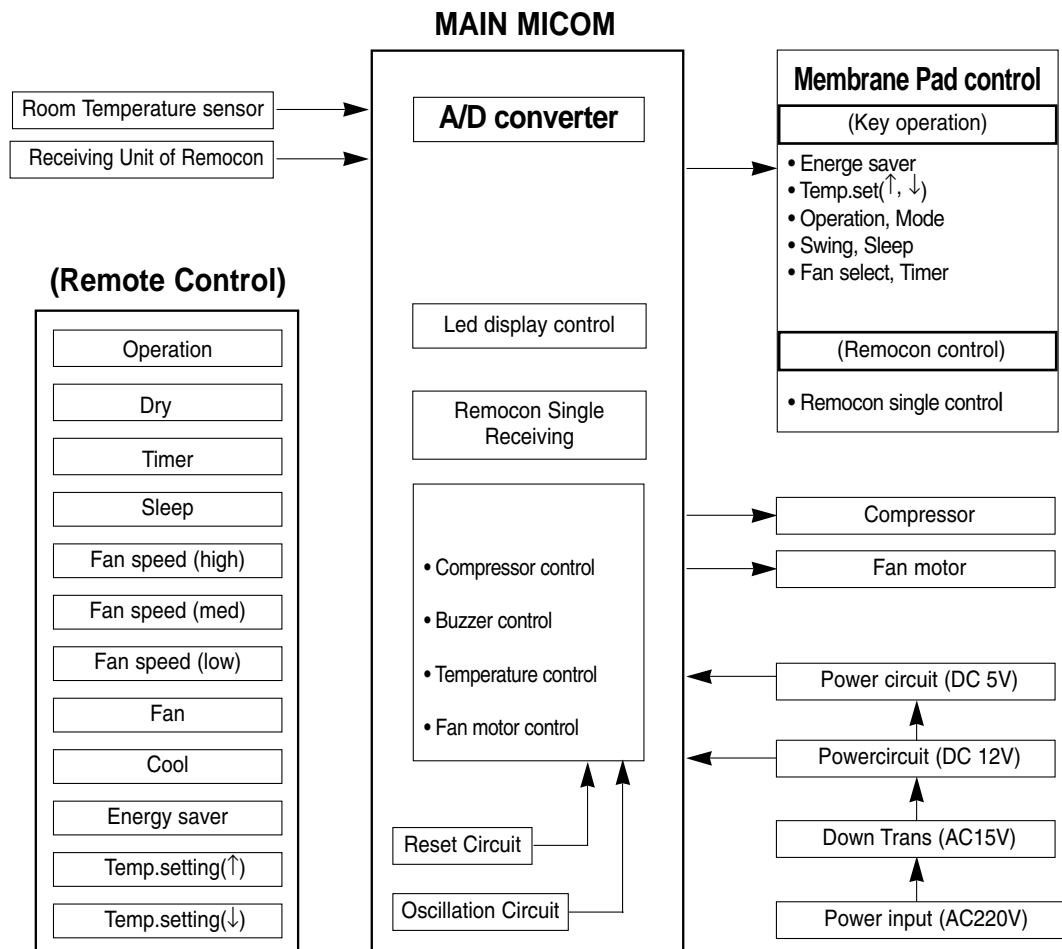
7. Block Diagram

7-1 Refrigerating Cycle Block Diagram



7-2 Basic Structure

7-2-1 Micom Control Diagram



7-2-2 Micom pin assignment

| KS88C4716 | | | | | |
|------------------|----|-------|------|----|-----------------|
| SEG-DATA(c) | 1 | P0.1 | P4.4 | 44 | GRID5 |
| SEG-DATA(b) | 2 | P0.0 | P0.2 | 43 | SEG-DATA(d) |
| GRID4 | 3 | P4.3 | P0.3 | 42 | SEG-DATA(e) |
| GRID3 | 4 | P4.2 | P0.4 | 41 | SEG-DATA(f) |
| Vcc | 5 | VDD | P0.5 | 40 | SEG-DATA(g) |
| Vss | 6 | VSS | P0.6 | 39 | SEG-DATA(h) |
| 10MHz RESONATOR | 7 | Xout | P0.7 | 38 | SEG-DATA(a) |
| 10MHz RESONATOR | 8 | Xin | P1.0 | 37 | EEPROM CLK |
| TEST | 9 | TEST | P1.1 | 36 | EEPROM IN |
| GRID2 | 10 | P4.1 | P1.2 | 35 | EEPROM OUT |
| GRDI1 | 11 | P4.0 | P1.3 | 34 | BUZZER |
| RESET IC OUTPUT | 12 | RESET | P1.4 | 33 | OPTION |
| KEY-IN1 | 13 | P2.0 | P1.5 | 32 | JIG OUTPUT |
| KEY-IN2 | 14 | P2.1 | P3.7 | 31 | OPTION |
| REMOCON | 15 | P2.2 | P3.6 | 30 | SENSOR THERMIS- |
| EEPROM CS | 16 | P2.3 | P3.5 | 29 | TOR(103AT) |
| LOW FAN | 17 | P2.4 | P3.4 | 28 | OPTION |
| COMPERSOR | 18 | P2.5 | P3.3 | 27 | OPTION |
| MIDDLE FAN | 19 | P2.6 | P3.2 | 26 | OPTION |
| HIGH FAN | 20 | P2.7 | P3.1 | 25 | OPTION |
| 4-WAY VALVE | 21 | P4.5 | P3.0 | 24 | SAVE OPTION |
| Vcc | 22 | AVref | AVss | 23 | SWING MOTOR |
| | | | | | GND |

MEMO