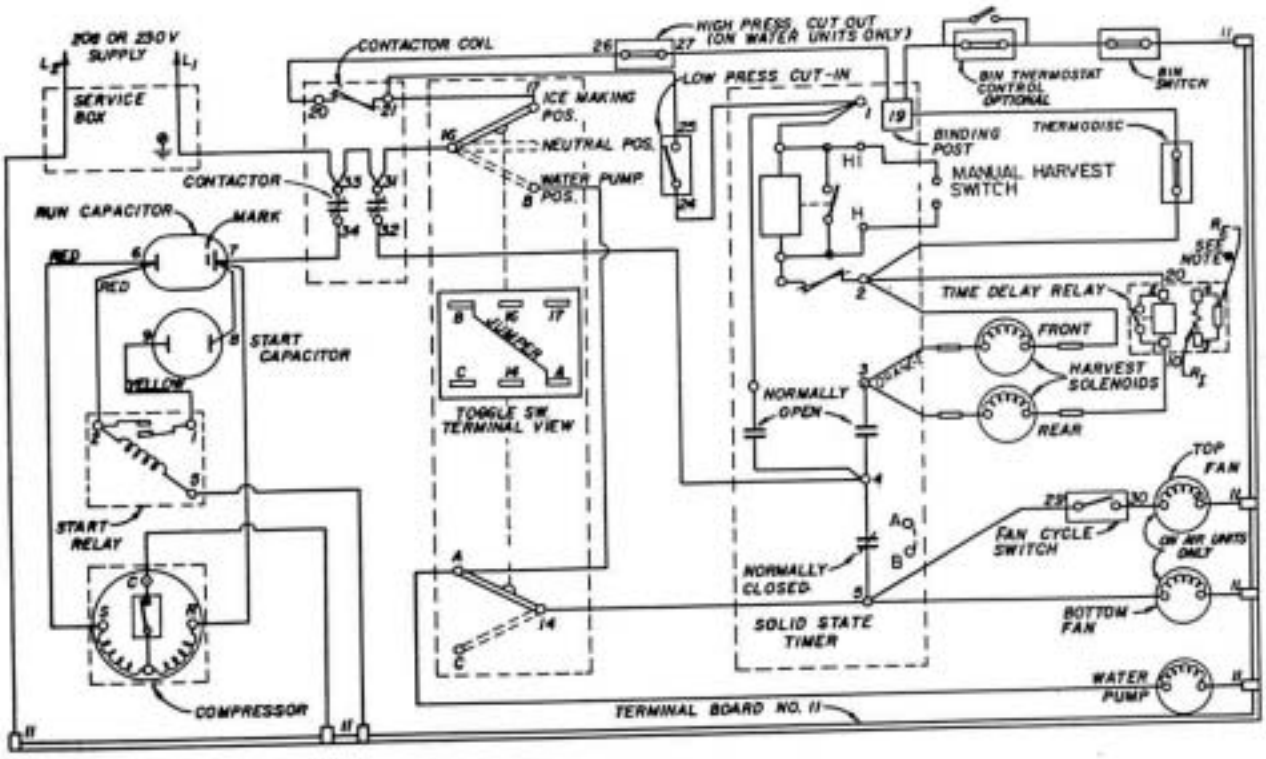


MODEL A OR BY-1100 SERIES CUBER 208 or 230 V. 60Hz I PHASE AND 230 V. 50Hz.

SHOWN AT BEGINNING OF FREEZE CYCLE, FANS ON AIR MODELS ONLY

SEQUENCE OF ICE MAKING AND HARVEST CYCLE

1. SET TOGGLE SWITCH TO ICE MAKING POSITION TO ENERGIZE CONTACTOR-COIL.
2. IN TURN THE CONTACTOR, COMPRESSOR, WATER-PUMP AND FANS ARE ACTUATED.
3. AS GAS PRESSURE DECREASES TO SET POINT, (DUE TO SUFFICIENT ICE BUILD-UP) LOW PRESSURE CONTR. CUTS IN AND INITIATES THE SOLID STATE TIMER.
4. AFTER A SET TIME INTERVAL, THE RELAY OF THE SOLID STATE TIMER MAKES A TRANSFER FROM NORMALLY CLOSED TO NORMALLY OPEN CONDITION. FRONT DEFROST SOLENOID AND TIME DELAY RELAY ARE ENERGIZED - WATER PUMP, TOP AND BOTTOM FAN ARE DE-ENERGIZED.
5. TIME DELAY RELAY IS TIMING OUT A SET DELAY TIME, AFTER APPROX. 35 TO 40 SEC. ONDS, CONTACT IS MADE, WHEREBY REAR DEFROST SOLENOID IS ACTUATED. (LOW PRESS URE CUT-IN TRANSFERS TO NORMALLY OPEN POSITION)
6. HARVEST OF DELAYED ICE SLAB OPENS BIN SWITCH. THIS IN TURN, DE-ENERGIZES RELAY OF SOLID STATE TIMER AND BOTH DEFROST SOLENOIDS. AND CONTACTOR MOMENTARILY OPENS.
7. THE CUBER IS NOW READY FOR A NEW ICE MAKING CYCLE.

CAUTION: ⚠ THIS UNIT IS 208 OR 230 V. CHECK FOR JUMPER WIRE ACROSS TIMER TERMINALS A AND B (POTTER - BRUMFIELD ONLY) JUMPER MUST BE REMOVED TO PREVENT TIMER DAMAGE.

CAUTION: DISCONNECT POWER BEFORE WORKING ON ELECTRICAL CIRCUITRY.

※NOTE: DELAY TIME CAN BE CHANGED FROM 35 TO 70 SECONDS, BY REMOVING R_E (EXTERNAL RESISTOR) R_I = INTERNAL RESISTOR)

