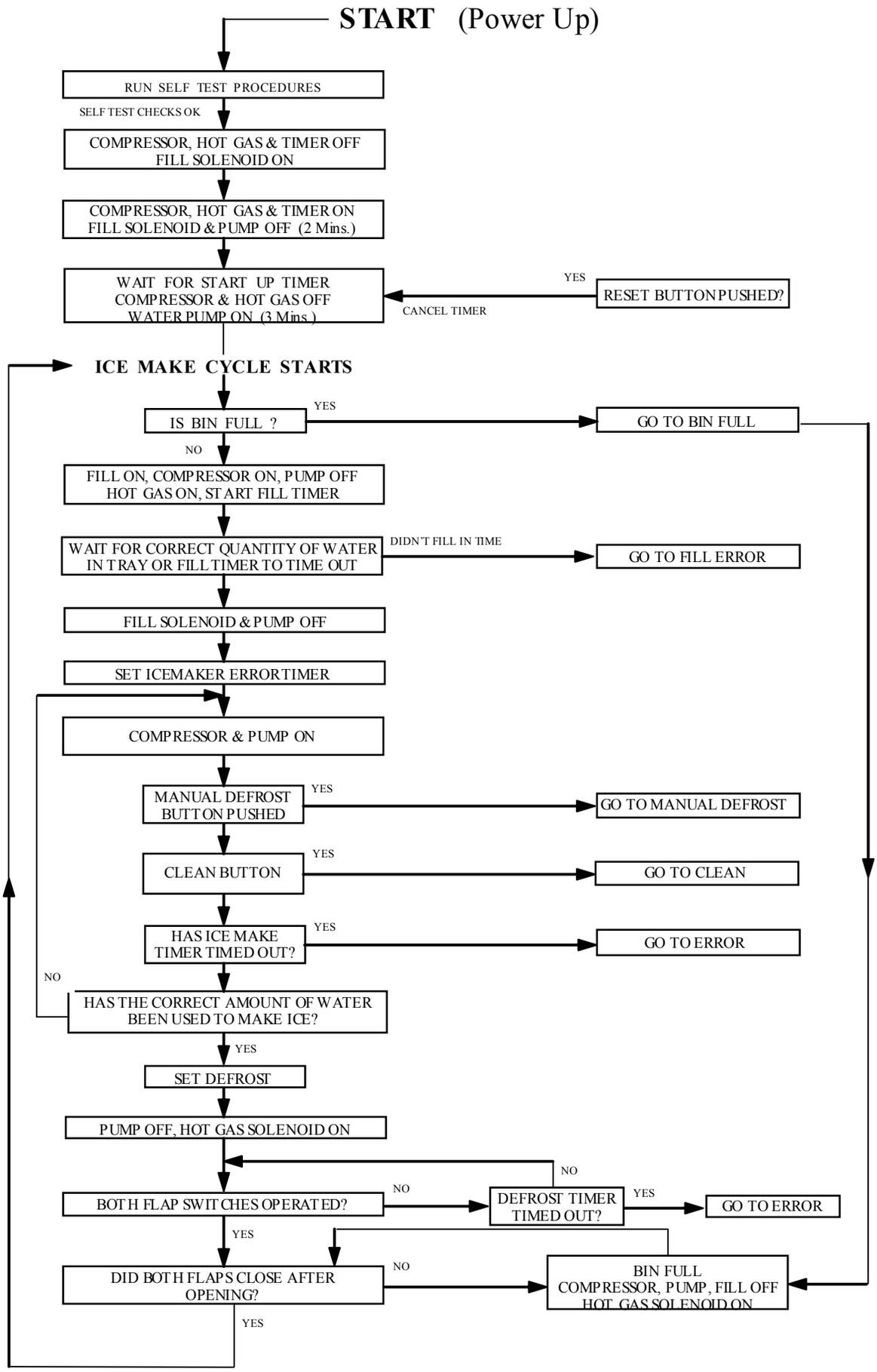
START (Power Up)
RUN SELF TEST PROCEDURES
SELF TEST CHECKS OK
COMPRESSOR, HOT GAS & TIMER OFF
FILL SOLENOID ON
COMPRESSOR, HOT GAS & TIMER ON
FILL SOLENOID & PUMP OFF (2 Mins.)
WAIT FOR START UP TIMER
COMPRESSOR & HOT GAS OFF
WATER PUMP ON (3 Mins.)
YES
RESET BUTTON PUSHED?
CANCEL TIMER
ICE MAKE CYCLE STARTS
IS BIN FULL ?
YES
GO TO BIN FULL
NO
FILL ON, COMPRESSOR ON, PUMP OFF
HOT GAS ON, START FILL TIMER
WAIT FOR CORRECT QUANTITY OF WATER
IN TRAY OR FILL TIMER TO TIME OUT
DIDN'T FILL IN TIME
GO TO FILL ERROR
FILL SOLENOID & PUMP OFF
SET ICEMAKER ERROR TIMER
COMPRESSOR & PUMP ON
MANUAL DEFROST
BUTTON PUSHED
YES
GO TO MANUAL DEFROST
CLEAN BUTTON
YES
GO TO CLEAN
HAS ICE MAKE
TIMER TIMED OUT?
YES
GO TO ERROR
NO
HAS THE CORRECT AMOUNT OF WATER
BEEN USED TO MAKE ICE?
YES
SET DEFROST
PUMP OFF, HOT GAS SOLENOID ON
NO
BOTH FLAP SWITCHES OPERATED?
NO
DEFROST TIMER
TIMED OUT?
YES
GO TO ERROR
YES
DID BOTH FLAPS CLOSE AFTER
OPENING?
NO
BIN FULL
COMPRESSOR, PUMP, FILL OFF
HOT GAS SOLENOID ON
YES