

OPERATION

COMPRESSOR TURNS OFF 2 TIMES PER DAY FOR 1 HOUR.

THIS TIME FRAME IS TYPICALLY SET TO OCCUR DURING MAXIMUM LOADINGS. DURING THE OFF TIME THE COMPRESSOR WILL TURN ON FOR 1 MINUTE EVERY 15 MINUTES TO KEEP THE SYSTEM MIXED.

THE 3RD CLOCK (B03) IS NOT USED UNLESS NECESSARY. WHEN NOT USED, IT IS SET TO TURN OFF 1 MINUTE BEFORE MIDNIGHT AND TO TURN BACK ON AT MIDNIGHT. THE COMPRESSOR WILL NOT SHUT DOWN DURING THIS 1 MINUTE OFF TIME.

THE PUMP IS SET TO RUN FOR 12 MINUTES EVERY 2 HOURS.

IF THE COMPRESSOR FAILS, THE PUMP WILL SHUT DOWN.

THE PLC DETECTS THE DIFFERENCE BETWEEN A COMPRESSOR FAILURE AND THE NORMAL OFF TIME FOR THE COMPRESSOR.

THERE IS A 2 MINUTE DELAY UPON POWER UP BEFORE THE PUMP WILL OPERATE.

UNDERLINED VALUES ARE ADJUSTABLE.