



OPERATING MANUAL

BROUGHT TO YOU BY KWIK RIPE

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PK2 ETHYLENE GAS GENERATOR

OVERVIEW:

THE PK2 AUTOMATICALLY GENERATES ETHYLENE GAS WHICH INITIATES THE RIPENING PROCESS IN A VARIETY OF FRUITS & TOBACCO. WHEN OPERATING THE MACHINE FOR THE FIRST TIME REMOVE THE TAPE SEAL FROM TOP OF THE REACTOR.

WHEN FILLING THE STAINLESS STEEL 2 LITRE TANK, USE ONLY E95 ETHANOL OR HIGHER

UNDERSTANDING THE CONTROL UNIT(ECU)

OVERVIEW:

THE "ECU" CONTROL UNIT IS PRE-SET & LOCKED, READY FOR OPERATION.

THE ECU CONTROLS THE GENERATORS OPERATION.

***WHITE NUMERALS** ON TOP LINE REPRESENT THE ACTUAL REACTOR TEMPERATURE.

***GREEN NUMERALS** ON SECOND LINE REPRESENT THE DESIRED OR SETPOINT TEMPERATURE.

***INDICATOR LIGHT "OUT 1"** SHOWS THAT THE UNIT IS SWITCHING POWER TO THE MACHINES REACTOR (WILL AT TIMES FLASH)

***INDICATOR LIGHT "AL1"** SHOWS TEMPERATURE IS WITHIN CORRECT LIMITS & IS ALLOWING THE SOLENOID CYCLE TO BEGIN.

(IF AT ANY TIME THE SETTINGS NEED TO BE CHANGED PLEASE EMAIL MACHINE SERIAL No, REQUESTING SECURITY CODE.)

UNDERSTANDING THE SOLENOID OPERATION

OVERVIEW:

***WHEN INDICATOR LIGHT “AL1”** IS ON THE SOLENOID CONTROL UNIT(CALIBRATION MODULE) COMMENCES DOSING THE REACTOR WITH ETHANOL IN CALIBRATED VOLUMES. THIS CAN BE HEARD CLEARLY WITH A STERN CLICK SOUND FROM INSIDE THE MACHINE.

*THE SOLENOID VALVE OPERATES AT FIXED PERIODS (DEPENDANT ON CALIBRATION) APPROX 8 SEC INTERVALS.