

E2330PA E2330PM/PMC

120 1 Phase 60Hz

**IMPORTANT SAFETY INSTRUCTIONS
SAVE THESE INSTRUCTIONS**

**DANGER
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,
CAREFULLY FOLLOW THESE INSTRUCTIONS**

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E2330_F.DOC

REV. 2003-09-25

INSTALLATION AND MAINTENANCE MANUAL

The manufacturer suggests to read this manual carefully.

This proofer is manufactured with first quality material by experienced technicians. Proper installation and maintenance will guarantee a reliable service for years to come.

A nameplate fixed to the front of the proofer specifies the serial number, model number, number of phase, amperage, voltage and frequency.

Drawings, electrical diagram, and replacement part numbers are included in this manual. The electrical diagram is affixed in the control panel located on the top of the proofer.

ATTENTION

DOYON is not responsible for damages to the property or the equipment caused by personnel who is not certified by known organizations. The customer is responsible for finding qualified technicians in electricity and plumbing for the installation of the oven.

CONSTRUCTION

You just bought the most advanced proofer in the world, the "DOYON" technology at its best. This proofer is manufactured using the highest quality components and material.

The DOYON equipments are designed with parts that are easy to find.

SHIPPING

For your safety, this equipment is verified by qualified technicians and carefully crated before shipment. The freight company assumes full responsibility concerning the delivery in good condition of the equipment in accepting to transport it.

IMPORTANT

RECEPTION OF THE MERCHANDISE

Take care to verify that the received equipment is not damaged before signing the delivery receipt. If a damage or a lost part is noticed, write it clearly on the receipt. If it is noticed after carrier left, contact immediately the freight company in order that they do their inspection.

We do not assume the responsibility for damages or losses that may occur during transportation.

WARNINGS**FOR YOUR SAFETY**

**DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS
AND LIQUIDS IN THE VICINITY OF THIS OR ANY APPLIANCE**

IMPORTANT**INSTALLATION AND SERVICE**

Installation and service must be done by specialized technicians. Contact a certified electrician and plumber for set up.

The proofer must be connected to the utility and electrically grounded in conformity to the effective local regulations. If these are not established, the oven must be connected according to the Canadian Electrical Code (CSA-C22.1- XX) or National Electrical Code (NFPA 70-XX). Refer to last edition year for XX.

DISTANCES TO RESPECT

- Top of the proofer: a clearance of 24 to 36 inches to the ceiling must exist to permit maintenance.
- Back and sides: 1 inches.

INSTALLATION

IN GENERAL

Take off the packaging material with care. Take off all the material used for packing and accessories..

Each unit is set up to be used with the electrical supply specified on the name plate fixed on the front of the unit.

1. To the electrician.

Electrical supply installation must be in accordance with the electrical rating on the nameplate.

2. To the plumber.

Connect the steam system (1/4 pipe) to the water distribution network.

Warning

Do not adjust the needle valves it has been done at the factory.

3. To the plumber

This equipment is to be installed to comply with the applicable federal, state or local plumbing codes.

Connect the steam system (1/4 NPT) to the cold water distribution network. We highly recommend a water softener to eliminate minerals in the water. We suggest to use CUNO # CFS6135 (Doyon part number PLF240).

MODELS OPTION DESCRIPTION

E 2330PA Proofer only - 50°F TO 110°F Automatic water entry 1/4" pipe
120 / 1 / 60 – 1500 WATTS 12.5 AMPS

E 2330PM/PMC Proofer only -50°F TO 110°F Manual fill
120 / 1 / 60 – 1500 WATTS 12.5 AMPS

front panel symbol signification

breaker



temperature control



main power switch



humidity control



fill water pan

OPERATION

IMPORTANT

FOR THE MANUAL FILL WATER PAN OPTION USE DISTILLATE WATER ONLY.

1. Switch "ON".
2. Set the thermostat control at 100-105° F.
3. Set the humidity control at 5.
If there is too much fog and water drips from the glass doors, adjust humidity control to a lower number.
4. When the temperature is stabilized, put the products in the proofer
(Leave them inside until they are ready to bake.)
5. When proofing cycle is completed, turn the switch "OFF".
- 6 If you have the optional manual water fill when the water tank pilot light on front panel stay on the water tank is empty. Fill the water tank with distillate water.

When the proofer is not in operation, open the doors to let out the humidity and then prevent mold .

P.S. The doors should not be opened unnecessarily to conserve the heat and humidity in the proofer.
Every day cleaning of the water pan under the proofer's doors should be exercised.

POWER FAILURE

When the power comes back, the proofer will start automatically. Then it is recommended to turn off the unit to avoid it starting without supervision.

before calling for service

answers to MOST frequent questions

Always cut off the main power before replacing any parts. Take care of water piping and electric cable.

Control parts on the front:

To remove parts from front panels, you have to go on the top of the unit.

Control panel, proofer unit.

They are located on the top.

Questions	Solutions
The unit does not turn on when installed.	Check if the light is on. Check if the proofer switch is on. Check the breaker of the building. Check the breaker on the front panel and the fuses in the electrical control panel.
The blower runs but the unit does not produce heat.	Make sure that the thermostat is adjusted to the desired temperature (over ambient temperature) and the pilot light will go on.
The blower runs but the unit does not produce steam.	Make sure that the humidity control is set at about 5. Check if the water valve of the building is open and if water goes into the proofer unit located on the top of the unit. Check the water needle valve on top of the proofer is open two turn. Just close it and open it two-turn maximum (for manual water fill open the needle valve completely). Check the main breaker.
The water pan red light stay on	No more water in the optional manual fill water tank. Fill the water tank whit distillate water Check and clean the screen filter located on top of the unit between the tank and electric valve Check the float switch contact

UNIT maintenance and cleaning

Step by step	Recommendations
Clean the inside of the unit with water and soap	<p>We recommend and sell: Blast : Concentrated for industrial use KEM Mfg Canada Part number : NEB201 Warning: Never use cleaners such as Easy-Off or equivalents in the oven.</p>
Clean the unit exterior with a stainless steel polish.	<p>We recommend and sell: Stapol: Stainless steel polish KEM Mfg Canada Part number : NES201</p>
Clean the water system on the top of the unit.	<p>Twice a year clean the water pan and the immersion element, the water tank if is manual fill unit and the screen filter.(SEE NEXT PAGE) <u>Is very important to use distillate water whit the manual water fill option and a high quality water filter on automatic water inlet system to prevent water line obstruction and scale problem in the water thank.</u></p>

For more information, please contact our office :

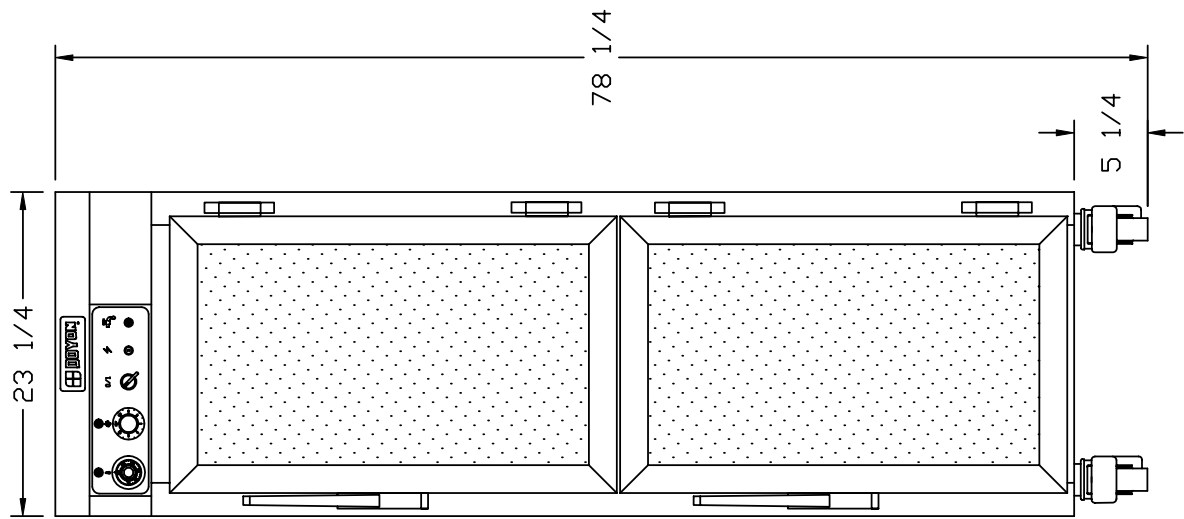
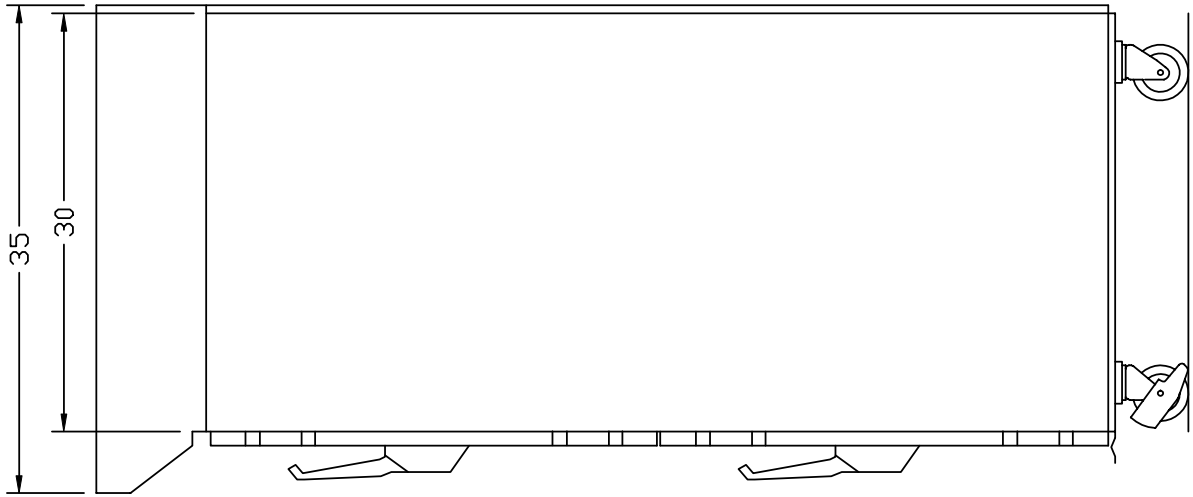
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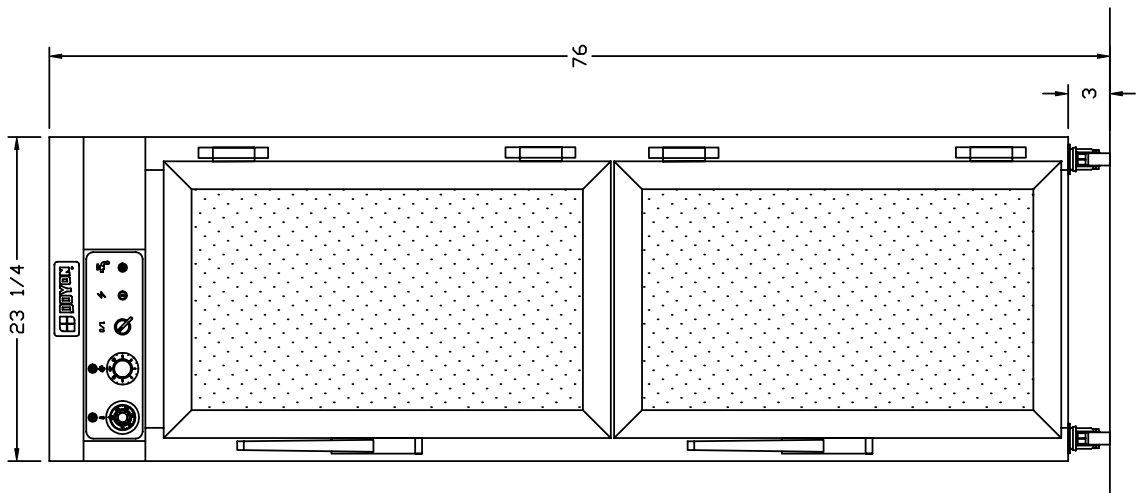
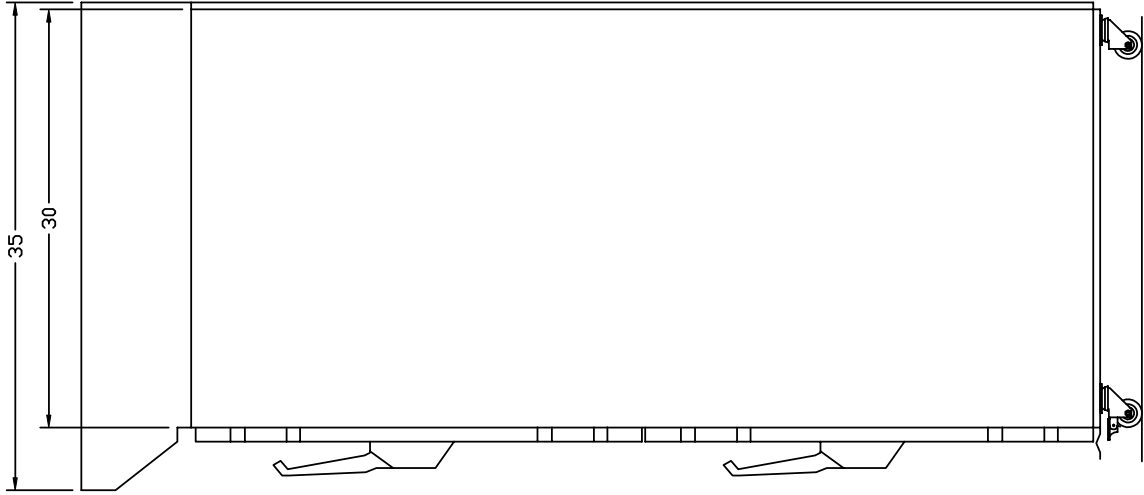
**E2330PA/PM
DIMENSIONS**



E2330

E2330

**E2330PMC
DIMENSIONS**

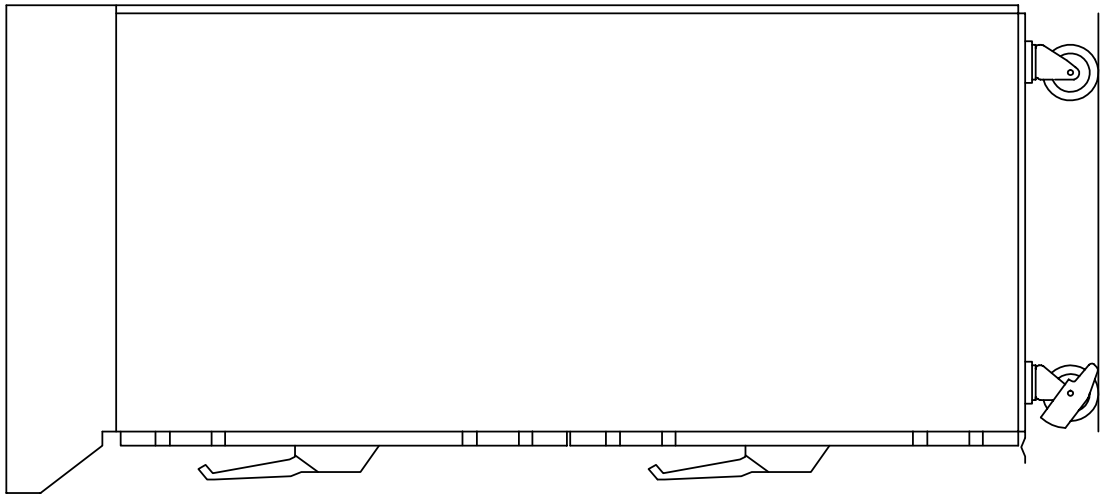
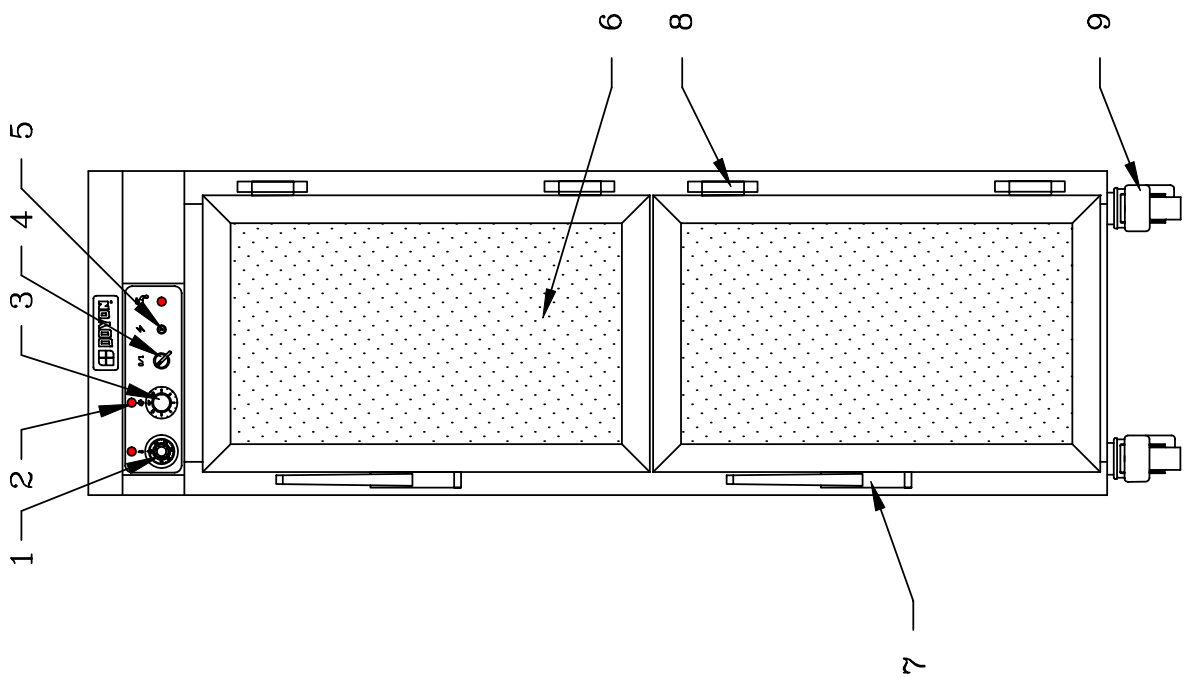


E2330PMC

E2330PMC

E2330

COMPONENT PARTS



E2330

Item	Part Number	Description	Quantity
1	ELT627	THERMOSTAT 110F	1
AND	ELT628	THERMOSTAT KNOB 110F	1
AND	ELT620	THERMOSTAT BEZEL	1
2	ELL650	PILOT LIGHT	3
3	ELI220	INFINITY SWITCH 120V (HUMIDITY CONT.)	1
AND	ELI240	INFINITY SWITCH KNOB	1
4	ELI550	MAIN SWITCH (SELECTOR)	1
AND	ELI555	CONTACT BLOCK 1NO	1
AND	ELI556	ON - OFF PLATE	1
5	ELB096	5A BREAKER	1
6	P2031E	DOOR 31 3/8 x 20 1/2 FOR E2330	2
7	QUP500	LATCH	2
8	QUP320	DOOR HINGE	4
9	PAR800	SWIVEL CASTER	2
AND	PAR850	SWIVEL CASTER WITH BRAKE	2
OR	PAR400	WHEEL 2 1/2 INCH(FOR PMC MODEL ONLY)	2
AND	PAR450	WHEEL 2 1/2 INCH WITH LOCK(FOR PMC MODEL ONLY)	2

Model : E2330

View : FRONT

ENTRETIEN: UNITE D'EVAPORATION

NETTOYER LE COMPARTIMENT A VAPEUR REGULIEREMENT : (3-6 MOIS)

COUPER L'ALIMENTATION ELECTRIQUE PRINCIPALE.

DEVISSER ET ENLEVER LE COUVERT DE L'UNITE DE VAPEUR.

VIDER L'EAU DU COMPARTIMENT A VAPEUR.

NETTOYER L'INTERIEUR; ENLEVER LA BOUE

ET LES MINERAUX ACCUMULES QUI POURRAIENT EMPECHER

L'INTERRUPTEUR DE NIVEAU DE FONCTIONNER NORMALEMENT.

ALLEZ-Y DELICATEMENT POUR NE PAS L'ENDOMMAGER.

AFIN DE PROLONGER LA VIE DES COMPOSANTES DU

GENERATEUR DE VAPEUR, VOIR A INSTALLER UN FILTRE

A L'ENTREE DE L'EAU QUI PEUT BLOQUER LES MINERAUX

TEL QUE LE CALCAIRE.



MAINTENANCE: WATER COMPARTMENT

CLEAN WATER PAN REGULARLY : (3-6 MONTH)

DISCONNECT THE MAIN POWER FROM THE UNIT.

UNSCREW AND REMOVE THE COVER OF THE STEAM UNIT.

EMPTY THE COMPARTMENT.

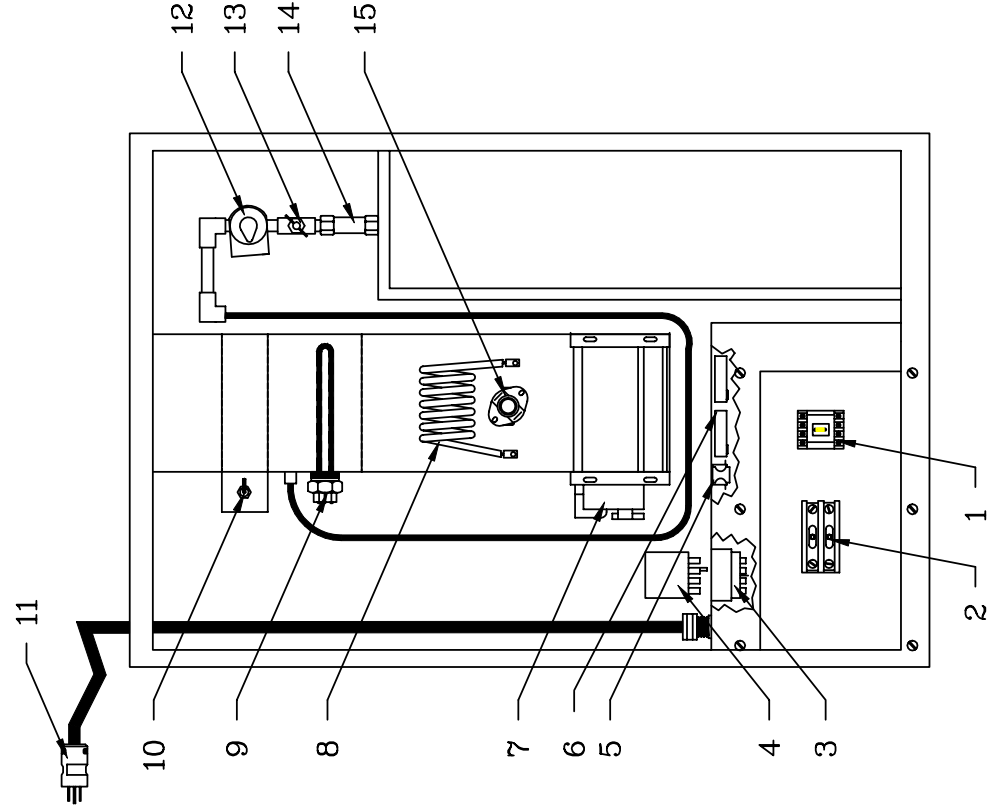
CLEAN THE INSIDE; TAKE OUT THE MUD, SALT

AND MINERALS THAT CAN JAM THE LEVEL

SWITCH. TAKE CARE NOT TO BREAK IT.

INSTALL A GOOD QUALITY WATER FILTER

TO EXTEND LIFE OF THE STEAM GENERATOR.

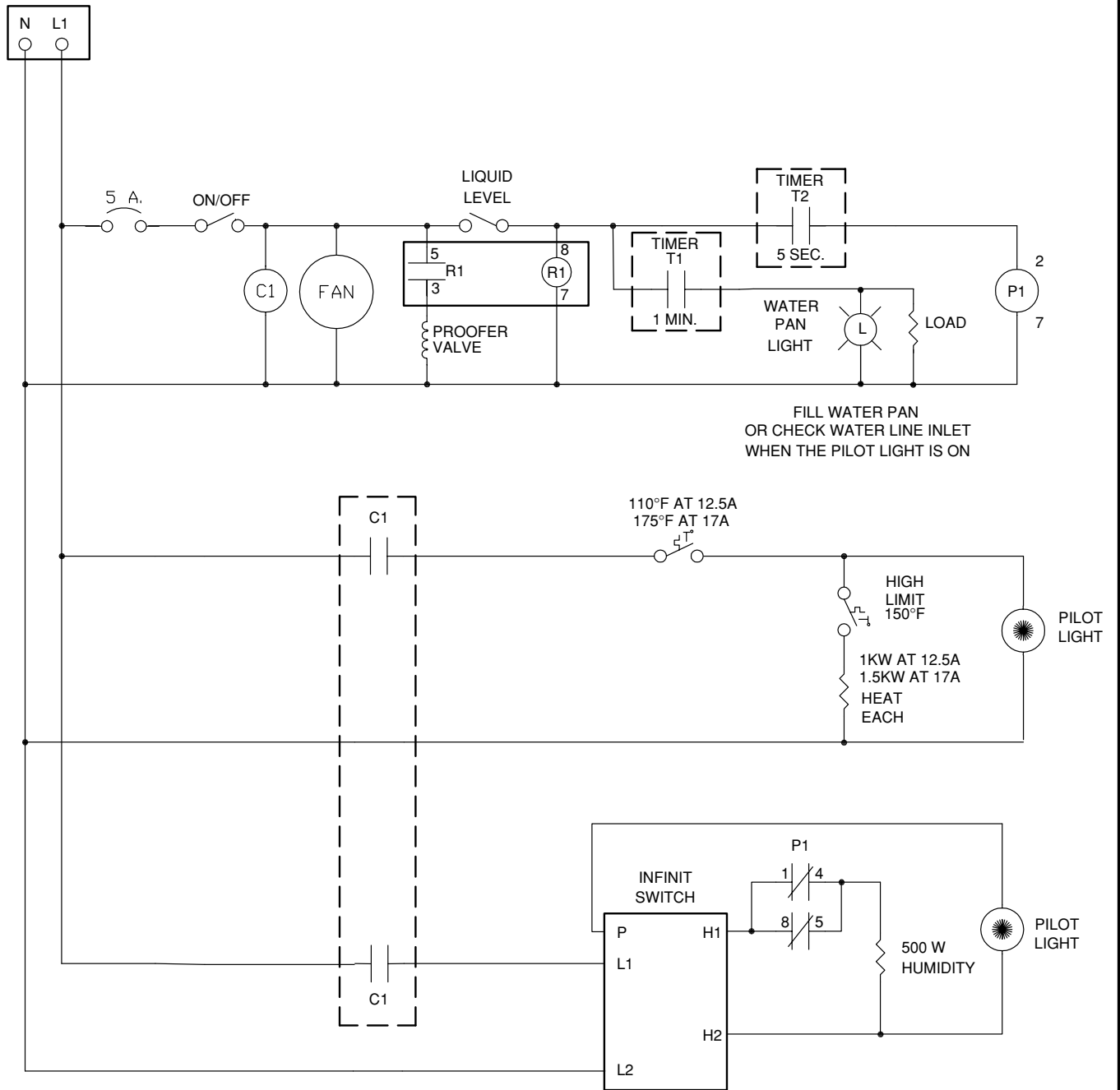


Item	Part Number	Description	Quantity
1	ELC615	RELAY 10A 2P COIL 110V	1
OR	ELC617	BASE	1
2	ELC860	CONTACTOR 2P 30A 110V	1
3	ELF130	FEMALE PLUG 8 PIN	1
4	ELF120	MALE PLUG 8 PIN	1
5	ELS950	BUZZER 120V	1
6	ELM735	SOLID STATE TIMER ICM FOR CH460,JAOP3-G, FC2-G AND E233	2
7	ELM734	MOTOR BLOWER 80 DFM	1
8	ELE126	FORMED ELEMENT 120V 1000W	1
9	ELE164	IMMERSION ELEMENT 120V 500W	1
10	QUF350	ELECTRIC FLOAT	1
11	ELF030	PLUG, 2 POLES 3 WIRES 125V 15A	1
12	ELS880	SOLENOID VALVE 110/120V 50/60Hz	1
13	ELV590	NEEDLE VALVE	1
14	PLF100	WATER FILTER	1
15	ELT504	THERMODISK 145°F (OPTIONEL)	1

Model : E2330

View : TOP

E2330
ELECTRIC SCHEMATIC
120 VOLTS



VOLTAGE	N	L1	KW
120	12.5A	12.5A	1.5KW
120	17A	17A	2KW

ÉQUIPEMENT
DOYON

E2330 120 VOLTS 1PH 60HZ

DATE	TECHN.	REV.	SECTION
23/08/05	M. FAUCHER	2	1 / 1
LAYERS OFF	MODEL	NO.	
NONE	STANDARD	E2230	

TOTAL POWER: 60HZ

LIMITED WARRANTY

(Continental United States Of America And Canada Only)

Doyon Equipment Inc. guarantees to the original purchaser only that its product are free of defects in material and workmanship, under normal use.

This warranty does not cover any light bulbs, thermostat calibration or defects due to or resulting from handling, abuse, misuse, nor shall it extend to any unit from which the serial number has been removed or altered, or modifications made by unauthorized service personnel or damage by flood, fire or other acts of God. Nor will this warranty apply as regards to the immersion element damaged by hard water.

The extent of the manufacturer's obligation under this warranty shall be limited to the replacement or repair of defective parts within the warranty period. The decision of the acceptance of the warranty will be made by Doyon Equipment service department, which decision will be final.

The purchaser is responsible for having the equipment properly installed, operated under normal conditions with proper supervision and to perform periodic preventive maintenance.

If any parts are proven defective during the period of one year from date of purchase, Doyon Equipment Inc. hereby guarantees to replace, without charge, F.O.B. Linière, Quebec, Canada, such part or parts.

Doyon Equipment Inc will pay the reasonable labor charges in connection with the replacement parts occurring within one year from purchase date. Travel over 50 miles, holiday or overtime charges are not covered. After one year from purchase date, all labor and transportation charges in connection with replacement parts will be the purchaser's responsibility.

Doyon Equipment Inc. does hereby exclude and shall not be liable to purchaser for any consequential or incidental damages including, but not limited to, damages to property, damages for loss of use, loss of time, loss of profits or income, resulting from any breach or warranty.

In no case, shall this warranty apply outside Canada and continental United States unless the purchaser has a written agreement from Doyon Equipment Inc.