

# DP9

**IMPORTANT SAFETY INSTRUCTIONS  
SAVE THESE INSTRUCTIONS**

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

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## **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: 4 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.**

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).**

### **Warning**

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

## **OPERATION**

1. Switch "ON".
2. Set the thermostat control at 100° F.
3. Set the humidity control at 3.

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".

**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.

## TROUBLESHOOTING

### 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 side of the unit.

**Control panel, proofer unit and refrigeration units.** They are located on the top.

| <b>Questions</b>  | <b>Solutions</b>  |
|---|---|
| <b>The unit does not turn on when installed.</b>            | Check if the light is on.<br>Check if the proofer switch is on.<br>Check the breaker of the building.<br>Check the fuses on the font and in the electrical control panel.   |
| <b>The blower runs but the unit does not produce heat.</b>  | Make sure that the thermostat is adjusted to the desired temperature (over ambient temperature) and the pilot light is lit. Check the 30 A fuse in the electrical panel.  |
| <b>The blower runs but the unit does not produce steam.</b> | Make sure that the humidity control is set at about 4. Verify 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 if the water needle valve (of the unit) is open between half to one turn. Just close it and open it between half to one turn maximum. Verify the 15 A in the electrical panel. |

## MAINTENANCE AND CLEANING

| <b>Step by step</b>   | <b>Recommendations</b>   |
|---|--|
| <b>Clean the inside of the unit with water and soap</b>       | We recommend and sell:<br>Blast : Concentrated for industrial use<br>KEM Mfg Canada<br>Part number : NEB201<br><b>Warning: Never use cleaners such as Easy-Off or equivalents in the oven.</b> |
| <b>Clean the unit exterior with a stainless steel polish.</b> | We recommend and sell:<br>Stapol: Stainless steel polish<br>KEM Mfg Canada<br>Part number : NES201   |

**FOR MORE INFORMATION,**  
**PLEASE CONTACT OUR OFFICE :**

**DOYON EQUIPMENT INC.**  
1255, rue Principale  
Linière, Qc, Canada G0M 1J0

**Tel. : 1 (418) 685-3431**  
**Canada : 1 (800) 463-1636**  
**U.S. : 1 (800) 463-4273**  
**FAX : 1 (418) 685-3948**

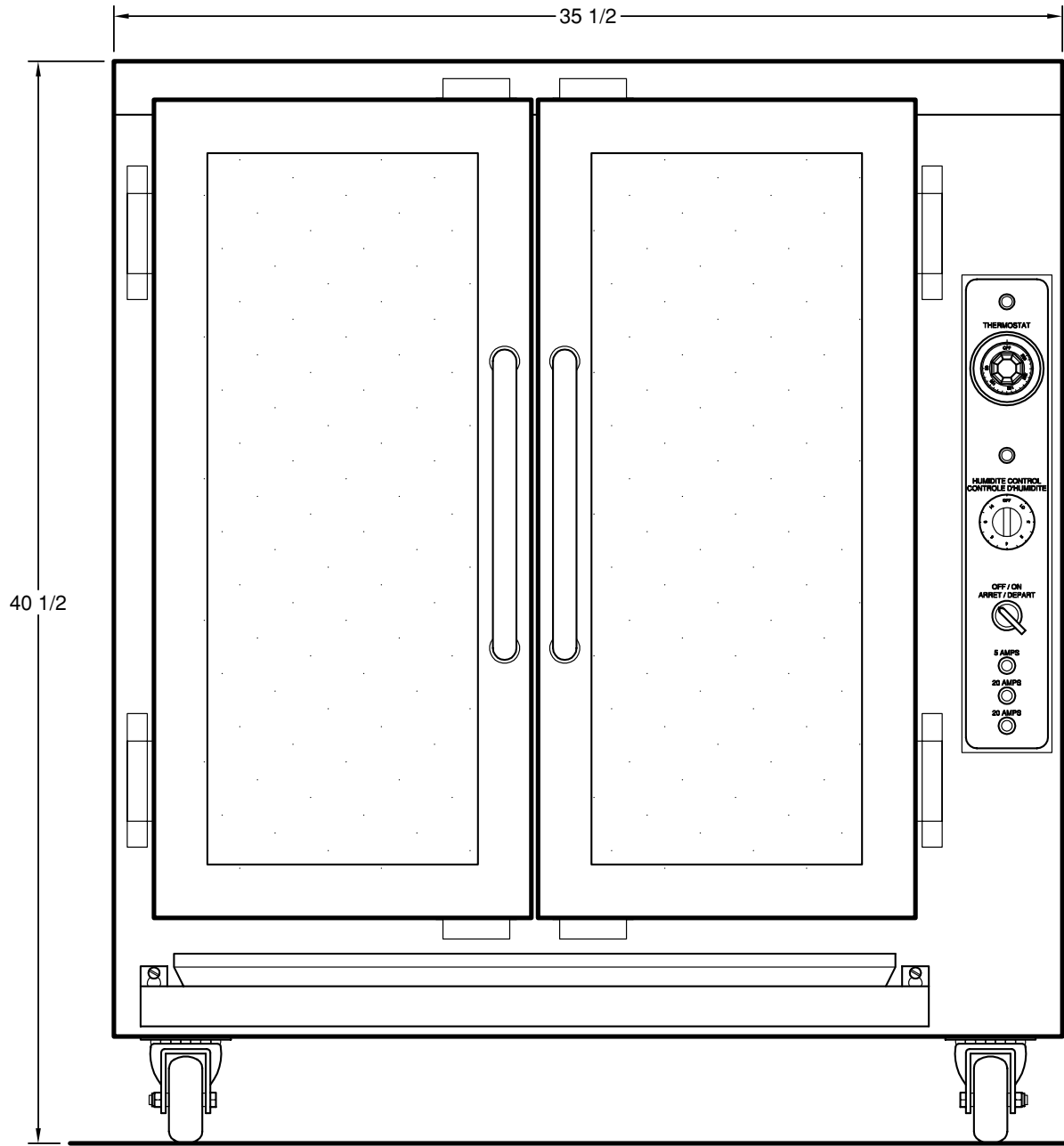
Internet: [www.doyon.qc.ca](http://www.doyon.qc.ca)  
E-Mail : [doyon@doyon.qc.ca](mailto:doyon@doyon.qc.ca)

SECTION  
B

**DIMENSIONS**

B1

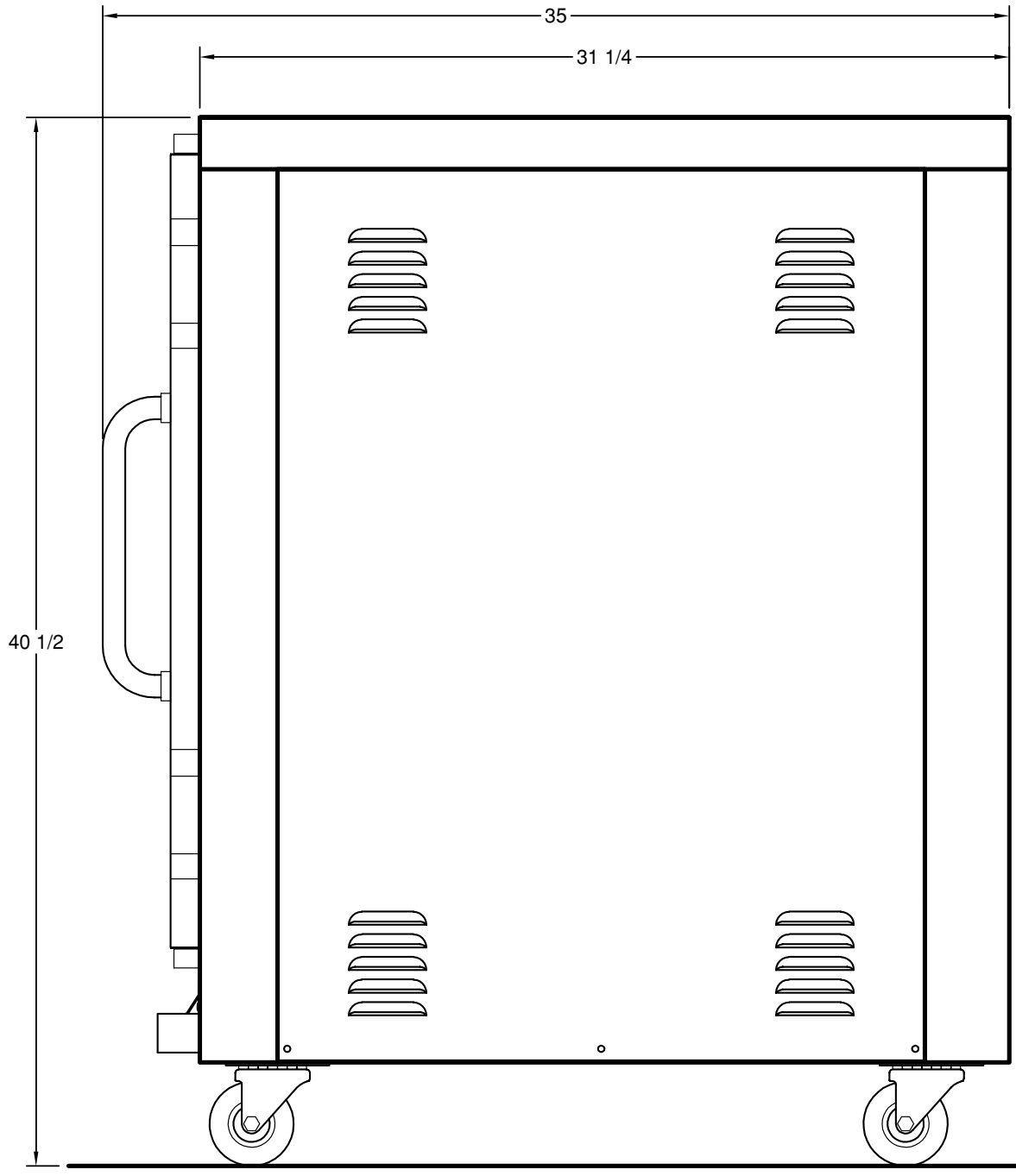
DP9



DP9

B2

DP9



DP9

DP9

ENTRÉE ÉLECTRIQUE  
ELECTRICAL INLET

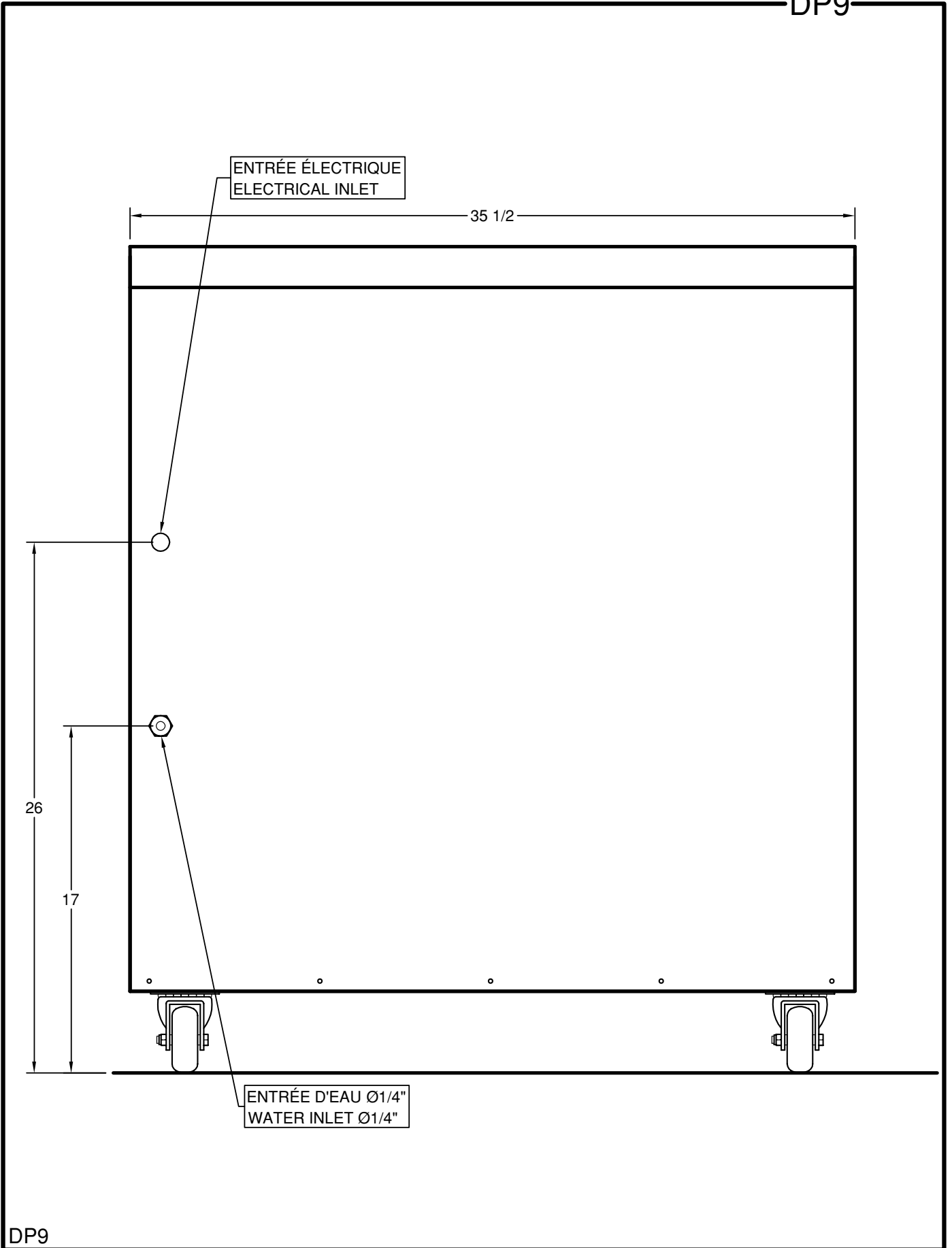
35 1/2

26

17

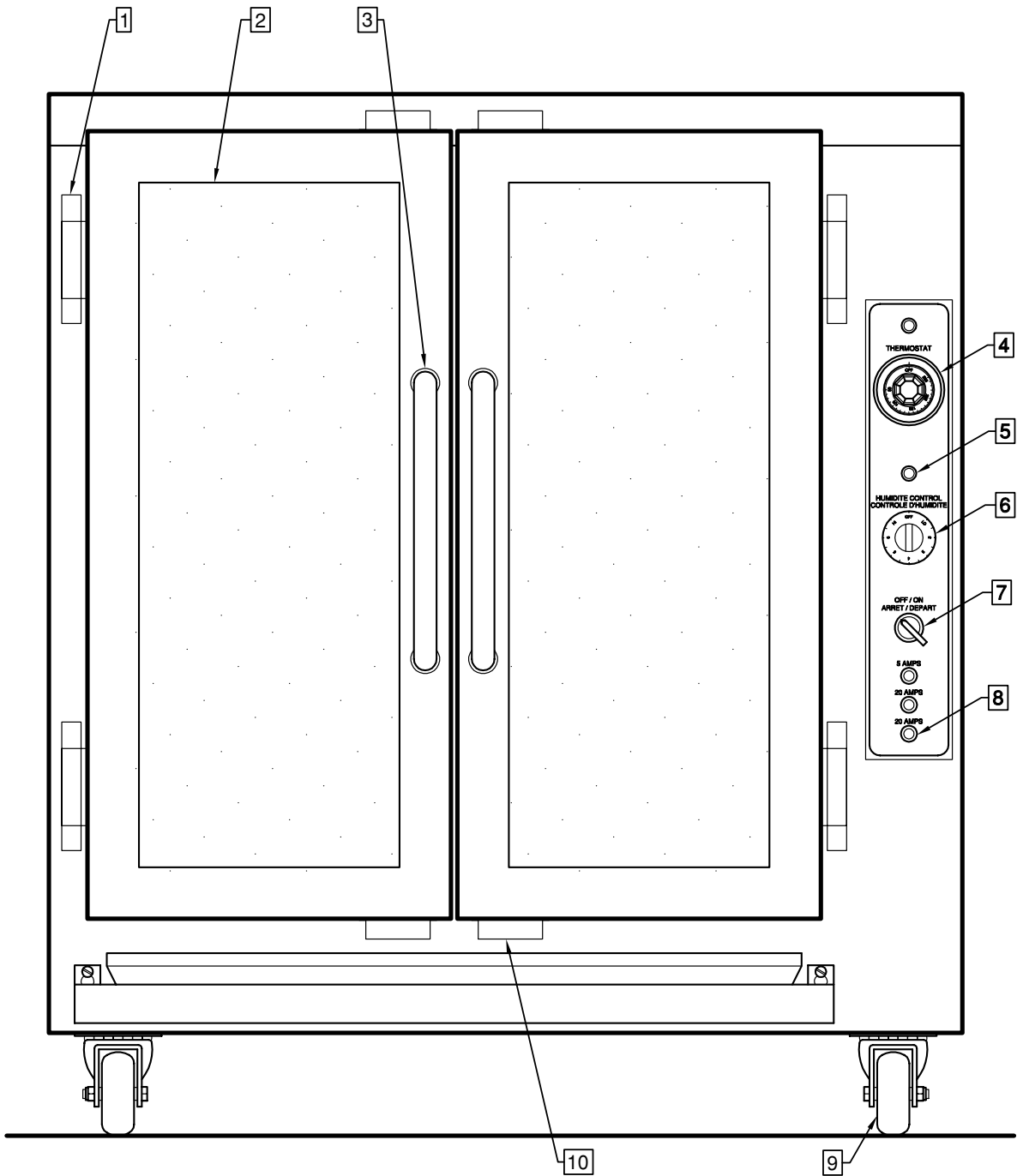
ENTRÉE D'EAU Ø1/4"  
WATER INLET Ø1/4"

DP9



SECTION  
E

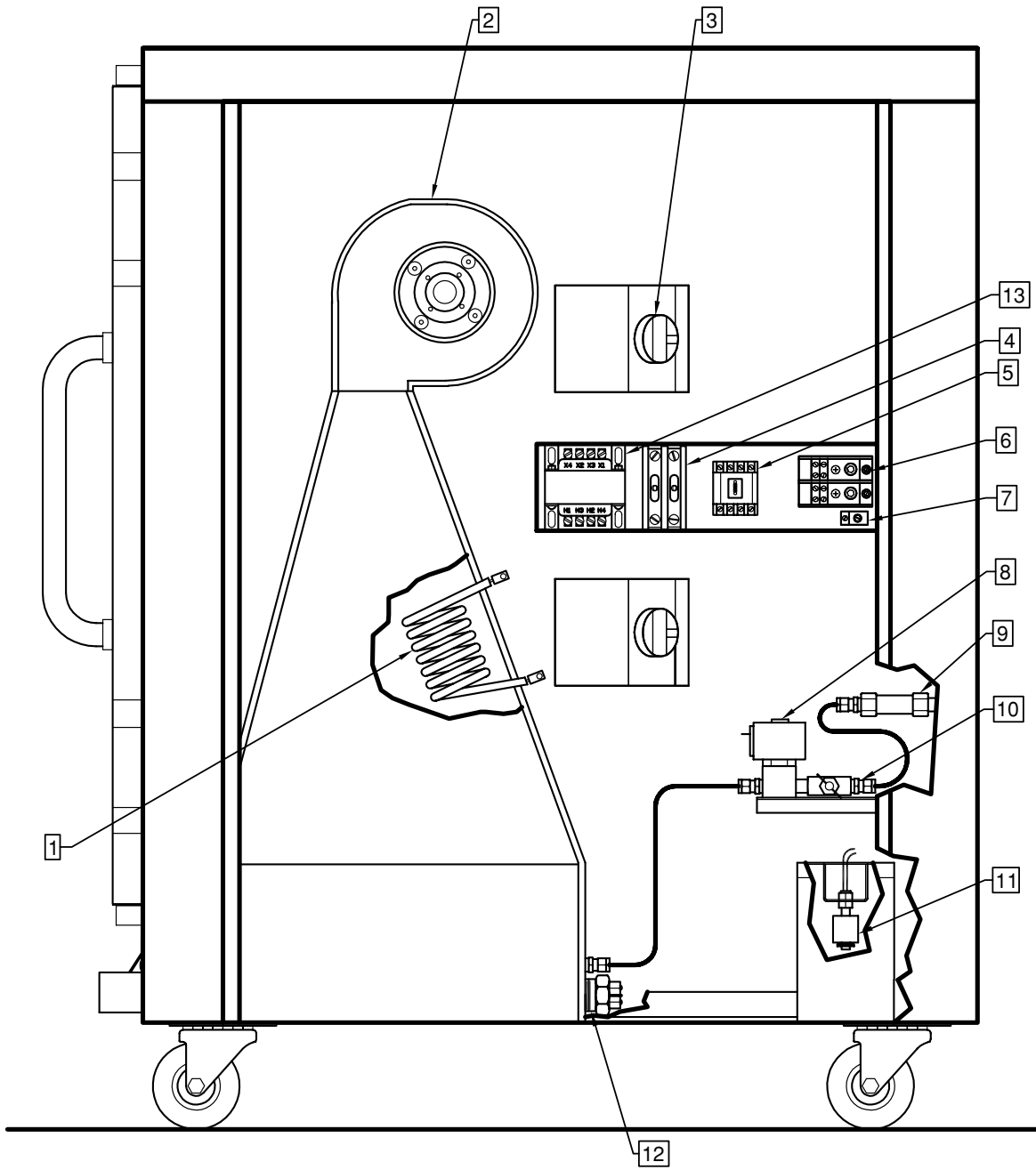
**COMPONENT PARTS**



| Item | Part Number | Description                           | Quantity |
|------|-------------|---------------------------------------|----------|
| 1    | QUP320      | DOOR HINGE                            | 4        |
| 2    | P1431E      | PROOFER DOOR 14 1/4" X 31 1/2"        | 2        |
| 3    | QUP465      | DOOR HANDLE STAINLESS TUBING          | 2        |
| 4    | ELT627      | THERMOSTAT 110F                       | 1        |
| AND  | ELT628      | THERMOSTAT KNOB 110F                  | 1        |
| AND  | ELT620      | THERMOSTAT BEZEL                      | 1        |
| 5    | ELL650      | PILOT LIGHT                           | 2        |
| 6    | ELI220      | INFINITY SWITCH 120V (HUMIDITY CONT.) | 1        |
| AND  | ELI240      | INFINITY SWITCH KNOB                  | 1        |
| 7    | ELI550      | MAIN SWITCH (SELECTOR)                | 1        |
| AND  | ELI555      | CONTACT BLOCK 1NO                     | 1        |
| AND  | ELI556      | ON - OFF PLATE                        | 1        |
| 8    | ELB096      | 5A BREAKER                            | 1        |
| AND  | ELB097      | 20A BREAKER                           | 2        |
| 9    | PAR100      | SWIVEL CASTER #72336                  | 4        |
| 10   | QUA200      | DOOR MAGNET                           | 2        |

**Model : DP-9**

**View : FRONT**



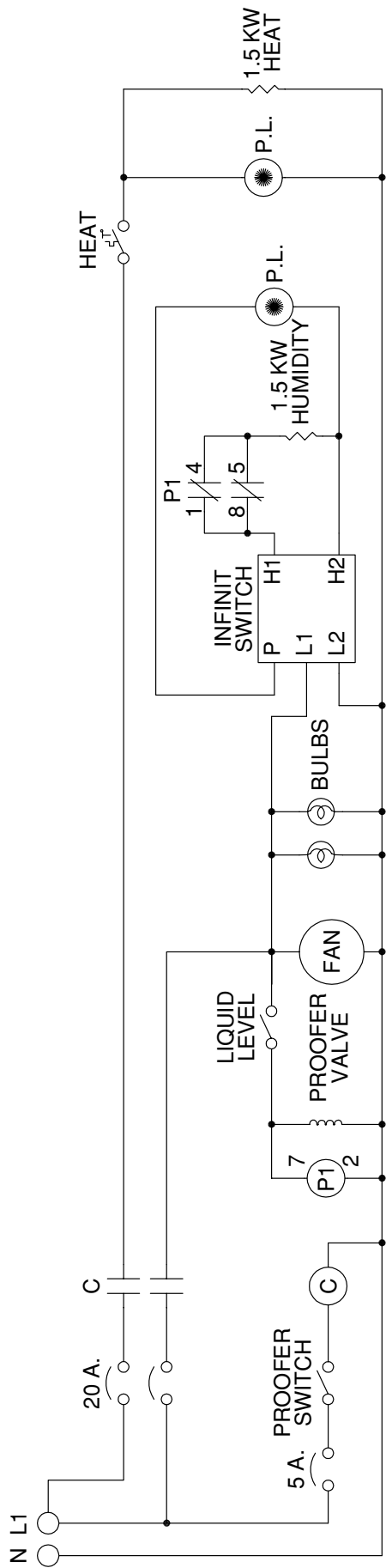
## E4

| Item | Part Number | Description                          | Quantity |
|------|-------------|--------------------------------------|----------|
| 1    | ELE130      | COIL ELEMENT 120V 1500W              | 1        |
| 2    | ELM730      | PROOFER FAN BLOWER                   | 1        |
| 3    | ELD050      | INCANDESCENT LIGHT SOCKET            | 2        |
| 4    | ELC860      | CONTACTOR 2P 30A 110V                | 1        |
| 5    | ELC615      | RELAY 10A 2P COIL 110V               | 1        |
| OR   | ELC617      | BASE                                 | 1        |
| 6    | ELB071      | TERMINAL BLOCK 2P 175A               | 1        |
| 7    | ELL050      | GROUND LUG                           | 1        |
| 8    | ELS880      | SOLENOID VALVE 110/120V 50/60Hz      | 1        |
| 9    | PLF100      | WATER FILTER                         | 1        |
| 10   | ELV590      | NEEDLE VALVE                         | 1        |
| 11   | QUF350      | ELECTRIC FLOAT                       | 1        |
| 12   | ELE165      | IMMERSION ELEMENT 120V 1500W         | 1        |
| 13   | ELT712      | TRANSFORMER 240/120 50VA(50 Hz ONLY) | 1        |

**Model : DP-9****View : SIDE**

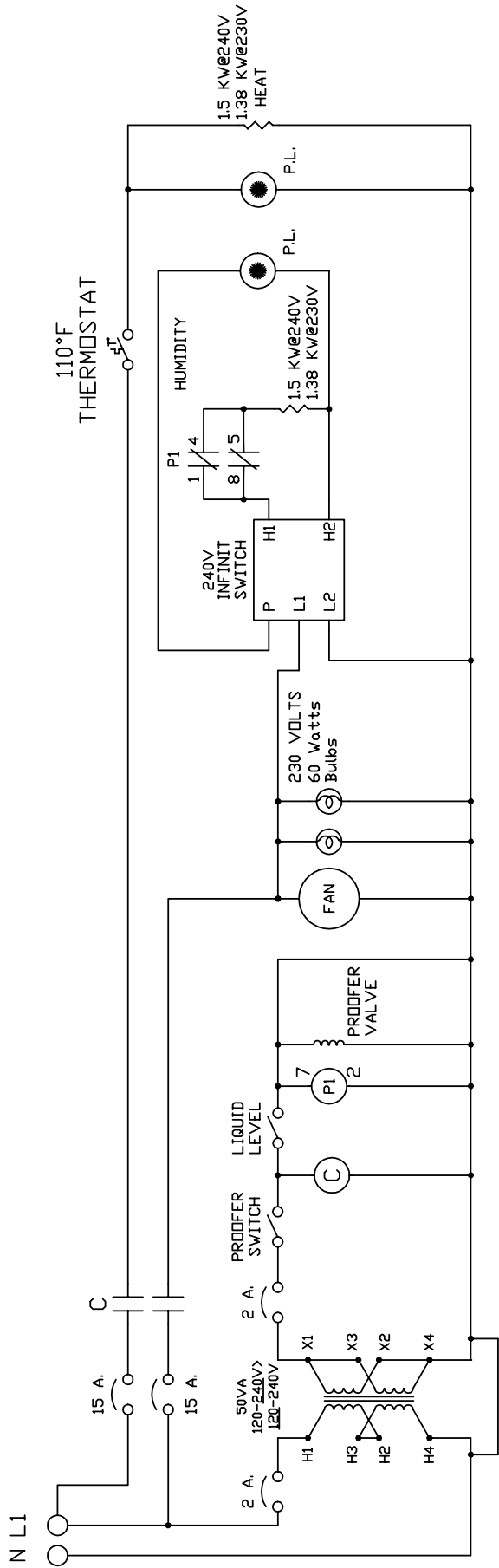
SECTION  
G

**ELECTRIC SCHEMATIC**



EQUIPEMENT  
**DOYON**

|                            |       |       |            |            |      |         |
|----------------------------|-------|-------|------------|------------|------|---------|
| VOLTAGE                    | N     | L1    |            |            |      |         |
| 120 / 208                  | 27.5A | 27.5A |            |            |      |         |
| TOTAL POWER: 3.3 KW 60HZ   |       |       |            |            |      |         |
| DP9 120 VOLTS 1 PHASE 60HZ |       |       | DATE       | TECHN.     | REV. | SECTION |
|                            |       |       | 18/12/01   | M. FAUCHER | 3    | 1 / 1   |
|                            |       |       | LAYERS OFF | MODEL      | NO.  |         |
|                            |       |       | 10         | STANDARD   |      | DP9_120 |



|                        |         |   |   |
|------------------------|---------|---|---|
| N                      | L1      | X | X |
| 13 AMPS                | 13 AMPS | X | X |
| TOTAL POWER: 3 KW      |         |   |   |
| 230 V 1Ph 50Hz 2 WIRES |         |   |   |

|                     |            |      |         |
|---------------------|------------|------|---------|
| <b>EQUIPEMENT</b>   |            |      |         |
| <b>DOYON</b>        |            |      |         |
| DP-9 230V 1Ph 50 HZ |            |      |         |
| DATE                | DES.       | REV. |         |
| 19-09-02            | M. FAUCHER | 1    |         |
| ECH:                | MODELE     | ND.  |         |
|                     |            | ND.  | DP9_230 |
| ND.                 | REV.       | DATE |         |

# **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.