

OPERATING AND INSTRUCTION MANUAL

LAD1-42

Manual C-15 Rev 2/68

Despatch Industries

1-800-473-7373

WARNING

1. BEFORE OPERATING THIS EQUIPMENT, CAREFULLY READ INSTRUCTION MANUAL.
2. THE USER(S) OF THIS EQUIPMENT MUST COMPLY WITH OPERATING PROCEDURES AND TRAINING OF OPERATING PERSONNEL AS STATED IN THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) OF 1970, SECTION 5, AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), 86A OF 1973 (ARTICLE 100, SECTION 2D, 5 AND APPENDIX I).
3. DO NOT USE ANY ENCLOSED CONTAINERS, FLAMMABLE SOLVENT, OR OTHER FLAMMABLE MATERIALS IN THIS EQUIPMENT. (EXAMPLES: SPRAY CAN, SEALED JAR OF WATER, ALCOHOL, KEROSENE, OIL, PAPER, ETC.). (SEE DESIGN SPECIFICATION SHEET).
4. HIGH VOLTAGE PRESENT ON THIS EQUIPMENT. SERVICE BY AUTHORIZED PERSONNEL ONLY.
5. DO NOT ATTEMPT ANY SERVICE ON THIS EQUIPMENT WITHOUT OPENING MAIN POWER DISCONNECT SWITCH.

FAILURE TO FOLLOW THESE WARNINGS CAN RESULT IN PROPERTY DAMAGE, INJURY, OR DEATH.

**INSTRUCTIONS FOR OPERATING A DESPATCH ELECTRIC
OVEN WITH AUTOMATIC TEMPERATURE CONTROL**

Remove all packing from inside oven. Attach pressure sensitive adhesive rubber feet to bottom of oven. Install shelf clips inside work chamber.

See additional instructions regarding operation of control instrument, and hi-limit control if used.

To set oven into operation, turn control switch to low or high, whichever position will provide sufficient heater capacity for operation at desired operating temperature. Heater capacity is 1500 and 3000 watts respectively for low and high positions. Recirculating fan should rotate in direction indicated by arrow. Control instrument will cycle heater on and off to maintain desired operating temperature. The red pilot light goes on and off with control instrument.

If a hi-limit is used it should be set 10 degrees to 15 degrees higher than the control instrument setting.

There are fresh air and exhaust dampers located on the back of the oven. These dampers are controlled by knobs on the front of the oven. To open damper, pull knob out.

To shut oven down, turn control switch off.

When placing material in oven, allow maximum amount of air space around the various parts being processed. This will tend to equalize the temperature throughout the oven chamber.

Any other information pertaining to the care or operation of this oven will be gladly furnished upon request.

POWER REQUIREMENTS

Volts - 240 Cycles - 60 Phase - 1
Heating Capacity - 3000 Watts Amps - 16.1
Maximum Operating Temperature - 650° F.

DESPATCH OVEN COMPANY

MINNEAPOLIS, MINNESOTA

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PARTS LIST FOR LAD-1-42 OVENS

<u>Quantity</u>	<u>Description of Part</u>
1	9M M.S. fan wheels 9-1/8" dia. x 2 1/2" W. CCW rot. CI IS hub 5/8"B.
1	#750-912 stain. steel inlet ring
1	1/3 HP 1750 rpm std. open BB motor 5/8" dia. x 8 1/2" lg. shaft 110/220-1-60, with Resilant Base.
2 1/2	Lin. ft. piano hinge 3/16" pin, 2 1/2" open width, #16 ga. M.S.
4	#5023 pressure sensitive rubber feet 3/4" x 3/4" x 1/4" thick
9	Lin. ft. PL-368 Silicone rubber seal
9	Lin. ft. 1" x 1/8" asbestos tape
2	Ives spring door catch 1" x 4"
7	Lin. ft. #233 shelf std.
8	#239 shelf clips
2	Push-pull controls #64-032 "A" length 60"
4	#2537 rubber gromets, 5/8" O.D. x 3/16" I.D. x 3/8" thick
2	Fiber washers 1/4" I.D. x 3/4" OP x 1/8" thick
1	#21 Alum. handles 27-7/8" lg.
1	15-00-01 Waynco control range 100-650° F 115 Volt
1	009-008C-801-005 Waynco Sensor, 8" Long
2	F30A2 Fuse Block
2	250 Volt, 20 Amp fuse
2	250 Volt, 10 Amp fuse
1	F30A1 Fuse Block
1	250 Volt, 6 Amp fuse

DESPATCH OVEN COMPANY

MINNEAPOLIS, MINNESOTA

(2-7-68)

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PARTS LIST FOR LAD-1-42 OVENS CONT'D

1 150 VA Transformer, 480/240-120 Volt
1 7562K4 Toggle Switch
1 36EN2111-24 Leecraft red pilot light 110 Volt
1 4-02 Pyrometer, Range 0-750° F. (Beede)
1 18½" Thermocouple #20 Gauge Type J
1 Despatch 3 KW heater per print E-6633-4 240-1-60
1 75-902 RBM Relay, 120 Volt

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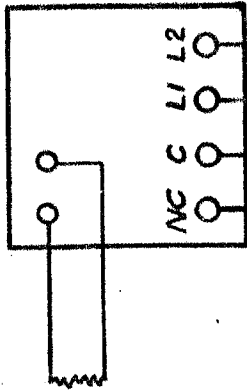
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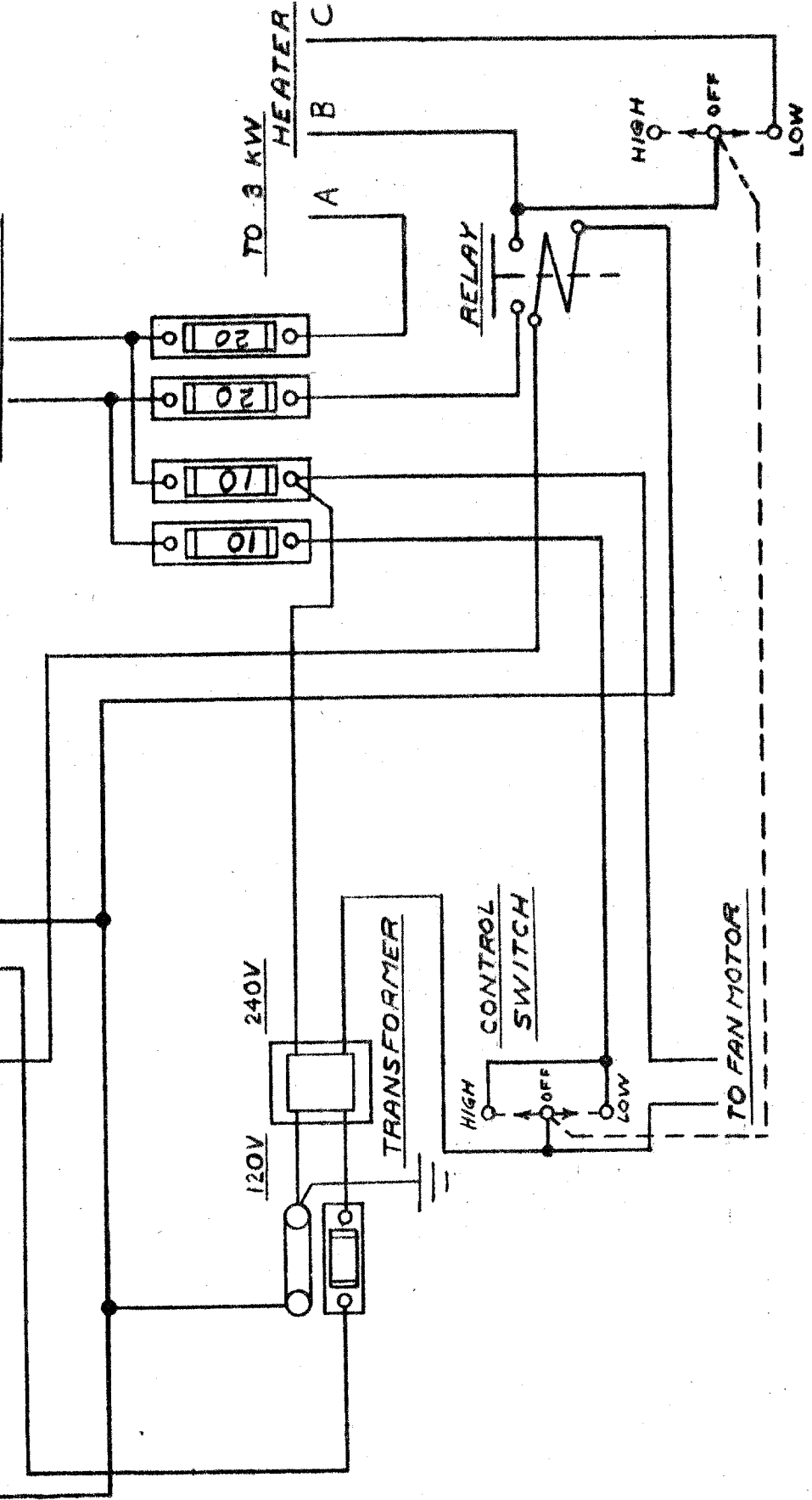
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DESPATCH OVEN COMPANY
MINNEAPOLIS, MINNESOTA

WAYNCO CONTROL



240-1-60 LINE



120V

240V

TO 3 KW HEATER

A

B

C

RELAY

CONTROL SWITCH

HIGH

OFF

LOW

TO FAN MOTOR

HIGH

OFF

LOW