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AMSCO

proof®

PROOF BIOLOGICAL INCUBATOR

Description

The PROOF® Biological Incubator is designed for use with PROOF Biological/Chemical Indicators. The incubator conducts heat to the PROOF indicators by means of dry-air convection. During the incubation cycle, indicators can be easily observed in any location by looking through the transparent plastic cover of the incubator.

Steam: When the PROOF Biological Indicator is removed from a steam sterilizer, it can be incubated in the PROOF Biological Incubator for steam. This incubator is set for continuous operation at approximately 55°C for culturing *Bacillus stearothermophilus*, the steam test microorganism.

Gas: When the PROOF Biological Indicator is removed from an ethylene oxide sterilizer, it can be incubated in the PROOF Biological Incubator for gas. This incubator is set for continuous operation at approximately 37°C for culturing *Bacillus subtilis (globigii)*, the gas test microorganism.

Instructions for Use

Note: For 230V, plug incubator into transformer receptacle and plug transformer into wall receptacle, then follow 110V instructions for further operating information. For 110V, see instructions below.

1. Plug the cord set into an appropriate grounded outlet.
2. Observe the light on the top cover. It should be illuminated, indicating that the incubator is on.
3. Allow approximately 45 minutes for the incubator to heat up.
4. The temperature setting of the incubator should be periodically checked by placing a laboratory thermometer in the incubator thermometer well. The temperature for gas incubation should be 37° ± 3°C, and the temperature for steam incubation should be 55° ± 3°C.

5. Place the activated PROOF indicators in any of the positions on the top cover of the PROOF Biological Incubator. Make sure you use the correct incubator by matching the color of the chemical indicator on the vial with the color of the side label on incubator, gold with gas incubator or black with steam incubator. The PROOF Biological Incubator for gas must be used whenever PROOF Biological Indicators have been exposed to an ethylene oxide cycle. The PROOF Biological Incubator for steam must be used whenever PROOF Biological Indicators have been exposed to a steam cycle (250-270°F).
6. The PROOF Biological Incubator can easily be observed daily for any positives (change in color from red to yellow). Most positives will be observable within 48 hours of incubation. If desired, the incubation period can be extended to seven days. Do not go beyond seven days to avoid false indications.
7. Should the temperature of the incubator fall below or rise above the accepted temperature variation, contact your local AMSCO Regional Office.

Cleaning

Wipe with damp cloth/sponge and mild detergent. DO NOT IMMERSE IN WATER.

Caution

The product is double insulated — when servicing use only identical replacement parts. **Electric Shock Hazard.** Do not remove cover. Refer servicing to qualified service personnel.

Replacement Parts

Steam Incubator Reorder No. NA053
 Thermometer (2 per pack) . . . Reorder No. NA072
 Transformer Reorder No. NA128

AMSCO | MEDICAL PRODUCTS DIVISION

Division of American Sterilizer Company Erie, PA 16514

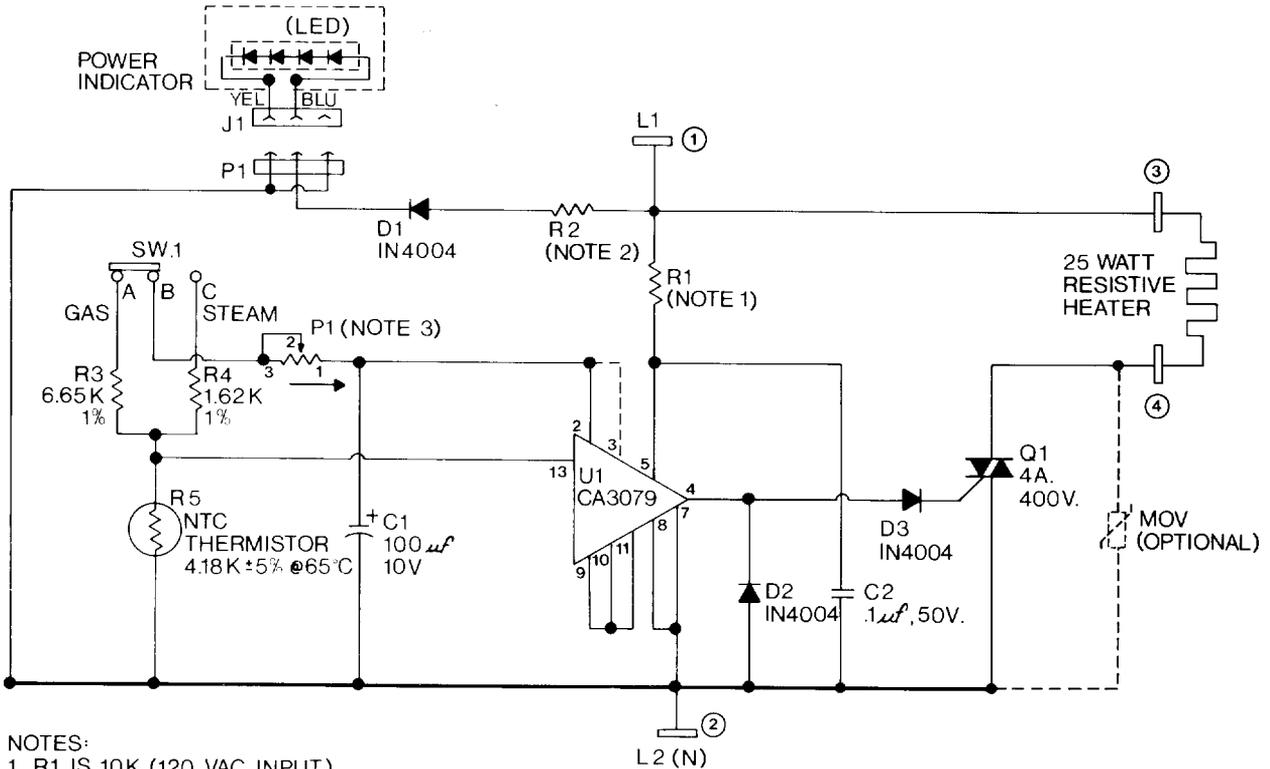
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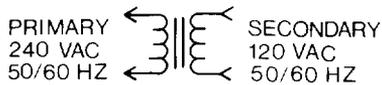
INCUBATOR SCHEMATIC



NOTES:

1. R1 IS 10K (120 VAC INPUT)
R1 IS 27K (240 VAC INPUT)
2. R2 IS 5.6K (120 VAC INPUT)
R2 IS 12K (240 VAC INPUT)
3. P1 IS 5K

TRANSFORMER/ADAPTER SCHEMATIC



SECONDARY VOLTAGE - 120 VAC ± 5% @ 0.25 AMPS WITH
PRIMARY VOLTAGE @ 240 VAC ± 1 VAC
INPUT VOLTAGE - 240 VAC 50/60 HZ
POWER - 30 WATTS MAX.