

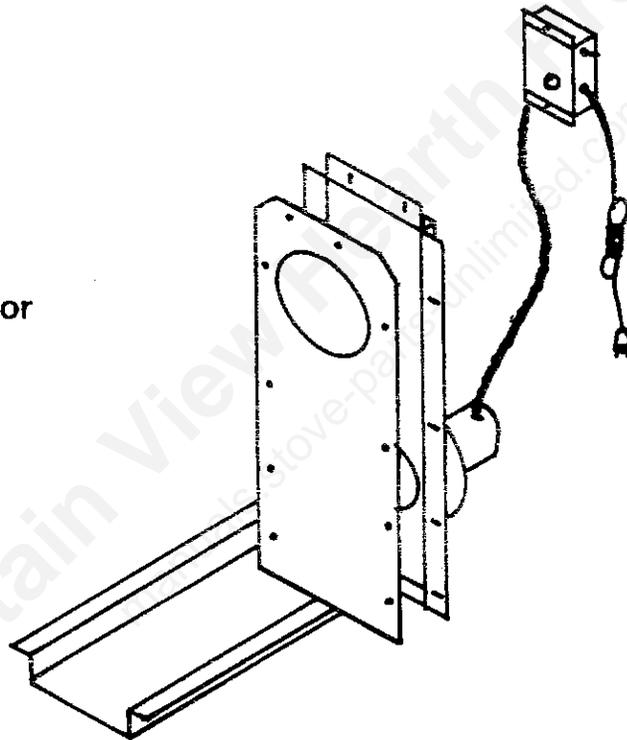
*LAWSON*

# **FORCED AIR BLOWER**

## **MODEL NUMBER F-76 & F-73**

### **Instructions For Installation and Operation With Parts List**

Save This Manual For  
Future Reference.



## **BLOWER KIT**

### **CAUTION:**

Read All Instructions  
Carefully Before Start-  
ing The Installation.

**BLOWER KIT USED ON VENTED GAS-FIRED ROOM HEATERS**  
C & R 7650 AND C & R 7670 USE F-76  
C 7635 USE F-73

UNITED STATES STOVE COMPANY • CHATTANOOGA, TENNESSEE 37406

**CAUTION: ALWAYS DISCONNECT POWER SUPPLY CORD BEFORE SERVICING THIS UNIT.**

# introduction

Your blower kit is shipped in two assemblies and one loose part. The motor, inlet duct and control box assembly (A in Fig. 1), the outlet duct assembly (B in Fig. 1) and the inlet duct cover (D in Fig. 1). Sheet metal screws for mounting are also included.

# installation

1. Attach vertical inlet duct (A) to horizontal outlet duct (B) with metal screw.
2. After attaching vertical inlet duct to horizontal outlet duct, position vertical inlet duct cover (D) in place before attaching to back of heater. This will seal opening between main back and bottom of heater.
3. To install on heater, slide the horizontal duct (B) on hangers under bottom of heater. Slide forward far enough so that the holes in the vertical duct flanges align with holes in back of heater. Attach with metal screws (Fig. 2).
4. Use two machine screws and nuts in holes at open space between main back and bottom (E in Fig. 2).
5. Attach control box (C) to back of heater at upper left corner (Fig. 2).
6. Secure conduit to back of horizontal outlet duct with conduit clamp and one sheet metal screw (F in Fig.2).

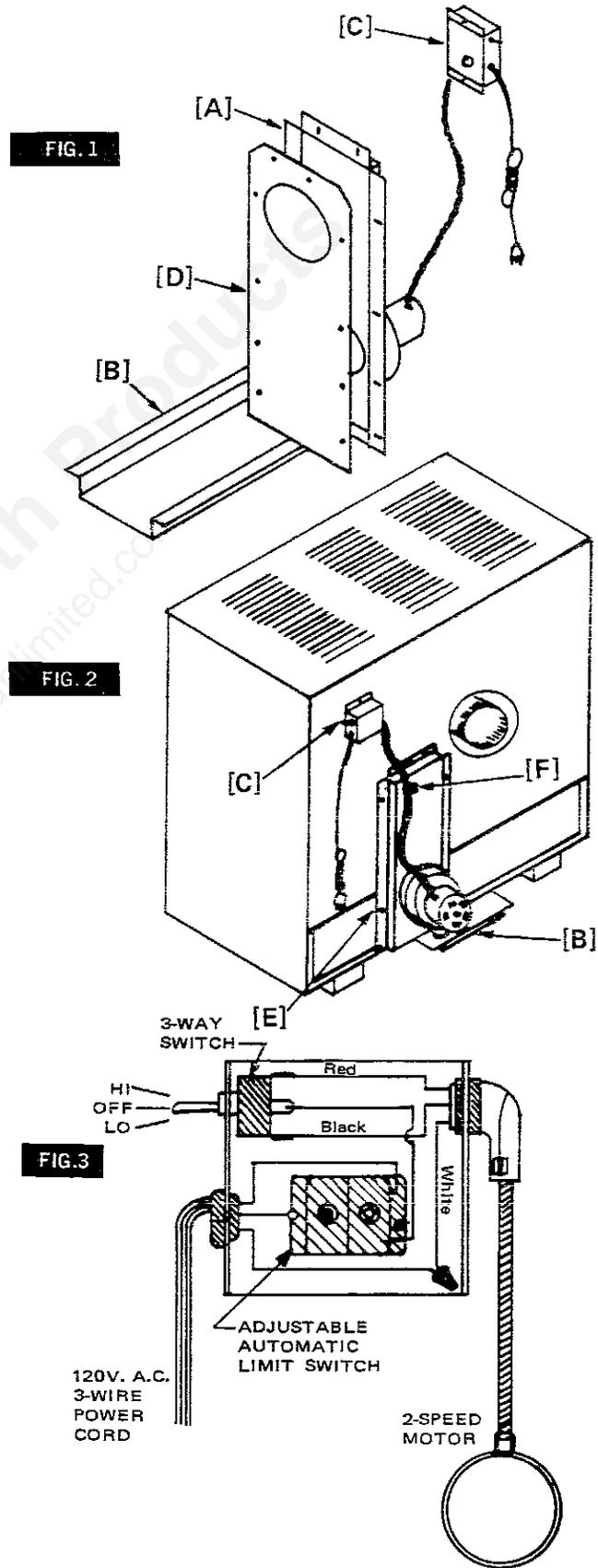
# operation

1. Plug power supply cord into 120 V. A.C. grounded only.
2. After the heater is in operation, the blower, when the switch is turned to AUTOMATIC-HIGH or AUTOMATIC-LOW will operate under the control of a built-in thermostat.
3. Set the switch for the speed desired or turn to OFF. Remember the heater must be hot for the blower to operate. The blower will shut off when the heater cools. Read instructions attached to control box for adjusting fan thermostat.

**NOTE: The fan thermostatic switch can be adjusted to give longer or shorter "ON" periods by rotating the adjustment shaft on the back of the Control Box.**

# maintenance

**OIL THE BLOWER MOTOR TWICE A YEAR WITH 2 DROPS OF S.A.E. 20 OIL.**



# repair parts

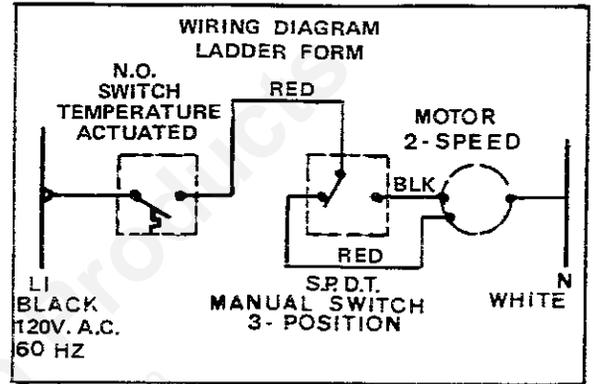
WHEN ORDERING REPAIR PARTS ALWAYS GIVE THE FOLLOWING:

1. The Heater Model Number
2. The Blower Model Number

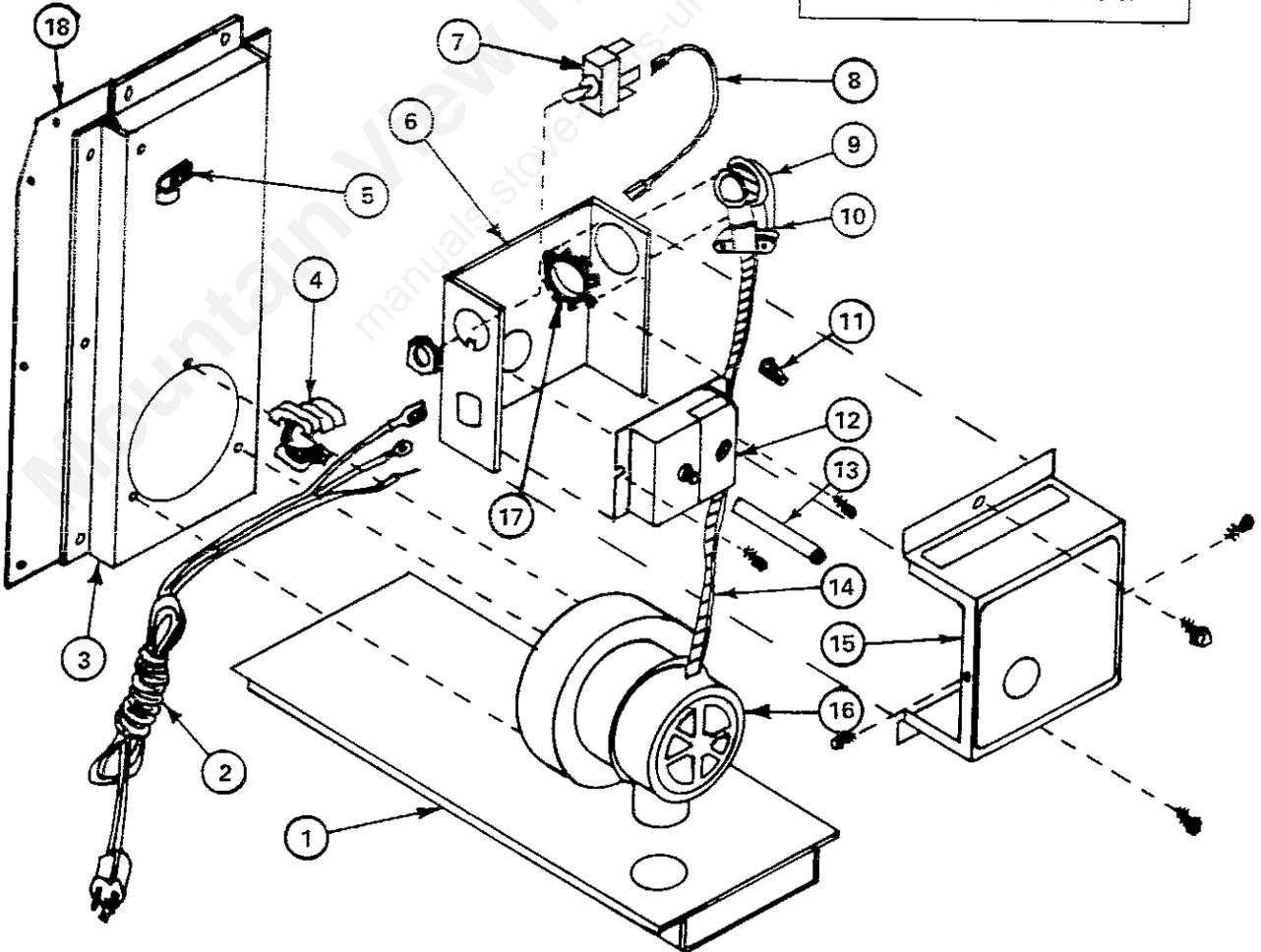
3. The Part Number
4. The Part Description

| F-73 PART NO. | KEY | DESCRIPTION               | F-76 PART NO. |
|---------------|-----|---------------------------|---------------|
| 67295         | 1   | Duct, Outlet Air          | 67295         |
| 80002         | 2   | Cord, Power Supply        | 80002         |
| 21476         | 3   | Duct, Inlet, Blower       | 17300         |
| 83825         | 4   | Bushing Strain Relief     | 83825         |
| 80068         | 5   | Clamp, Conduit            | 80068         |
| 21270         | 6   | Plate, Mounting, Control  | 21270         |
| 80004         | 7   | Switch, 3-way             | 80004         |
| 80085         | 8   | Jumper, Wire              | 80085         |
| 80062         | 9   | Connector                 | 80062         |
| 83801         | 10  | Bushing (not visible)     | 83801         |
| 80006         | 11  | Nut, Wire (73B)           | 80006         |
| 80007         | 12  | Switch, Limit, Auto, Adj. | 80007         |
| 89009         | 13  | Sleeve, Adj., Nylon       | 89009         |
| 80061         | 14  | Conduit                   | 80061         |
| 21271         | 15  | Cover, Control, Blower    | 21271         |
| 80084         | 16  | Motor                     | 80003         |
| 80069         | 17  | Conduit Locknut           | 80069         |
| 21475         | 18  | inlet Duct Cover          | 21402         |
| 85149         | *   | Owners Manual             | 85149         |

\* Not Illustrated



IF ANY OF THIS ORIGINAL WIRING MUST BE REPLACED, IT SHOULD BE REPLACED BY WIRING HAVING EQUIVALENT INSULATION AND TEMPERATURE RATING (105°C)



# owners manual

## HOW TO ORDER REPAIR PARTS

THIS MANUAL WILL HELP YOU TO OBTAIN EFFICIENT, DEPENDABLE SERVICE FROM THE HEATER, AND ENABLE YOU TO ORDER REPAIR PARTS CORRECTLY.

KEEP IN A SAFE PLACE FOR FUTURE REFERENCE.

WHEN WRITING, ALWAYS GIVE THE FULL MODEL NUMBER WHICH IS ON THE NAMEPLATE ATTACHED TO THE HEATER.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION AS SHOWN IN THIS LIST:

1. The PART NUMBER
2. The PART DESCRIPTION
3. The MODEL NUMBER
4. The NAME of ITEM

*Lawson Division*

UNITED STATES STOVE COMPANY

• CHATTANOOGA, TENNESSEE 37406