INSTALLATION and OPERATING INSTRUCTIONS

ABSORPTION REFRIGERATOR

V63EG V103EG

for

GAS OPERATION

or

ELECTRIC OPERATION

MANUFACTURED BY ALASKAWERK

W. GERMANY

ALASKA-WERK
DIETER SCHILDBACH K.-G. BERGNEUSTADT RHINELAND
W.-GERMANY

INSTALLATION AND OPERATING INSTRUCTIONS FOR YOUR COMPACT GAS OPERATED ABSORPTION REFRIGERATOR

GENERAL INSTRUCTIONS

VENTILATION

Proper ventilation is important (see Figures 2 and 3 on opposite page). When refrigerator is in operation air enters from the back and flows up through finned section of cooling unit and out through the top louvred section. Air circulation is obtained by natural flow. IMPORTANT: THERE MUST BE NO OBSTRUCTION, TOP OR BOTTOM, TO BLOCK THE CIRCULATION OF AIR. INADEQUATE CIRCULATION WILL RESULT IN POOR OPERATION OF THE REFRIGERATOR .

LEVEL

Always park your trailer as level as possible. The refrigerator must be level back to front and side to side. An absorption refrigerator depends upon a natural flow of the refrigerant in the sealed unit and if not level, the refrigerator will lose efficiency. Use a 6" level placed in freezer coil to determine levelness - if none available, fill ice cube tray and observe surface of water. When trailer is level, water in tray will be parallel with top edge.

SAFETY

Your COMPACT refrigerator is equipped with a safety valve behind the red button which will cut off the supply of gas should the flame go out for any reason.

INSTALLATION

Proper functioning of absorption type gas refrigerators demands adequate ventilation. Inadequate or obstructed ventilation passages will cause inefficient operation. Malfunction caused by improper installation is not covered by our Warranty.

To assure proper ventilation, see Figures 2 and 3.

1. Install gas supply line for inlet connection; bring line to right front of refrigerator location. See Figures 2, 3, 4.
2. Place refrigerator in location, connect 3/8" tubing supply line to inlet valve, Figure 4, Part 20.
3. Open main supply line valves and check that there are no leaks, by applying soapy solution on all gas connections. Do not check with match or other flame.

TO START REFRIGERATOR ON GAS

Attention: Pilot light and ELECTRIC toggle switch MUST BE OFF

When refrigerator is put in operation for first time - or after long periods of idleness - it is recommended that the door be opened from time to time during the first 12 hours of operation to allow thorough ventilation of the interior.

Before lighting:

1. Check spiral baffle, Figure 2 + 3. Baffle should be suspended in Flue Tube by a wire connected to Dilution Flue. Baffle and Dilution Flue are sometimes jarred loose during shipment. Lift Dilution Flue to see that baffle is connected and reseat Dilution Flue on Flue Tube.
2. Open Part 20 valve, Figure 4 (behind Bottom Door) by turning handle parallel to floor.
3. Press red buttom, Figure 1, for approximately 30 seconds to bleed air from line and allow gas to reach the ignition tube. Then release button. Do not apply flame.

To light:

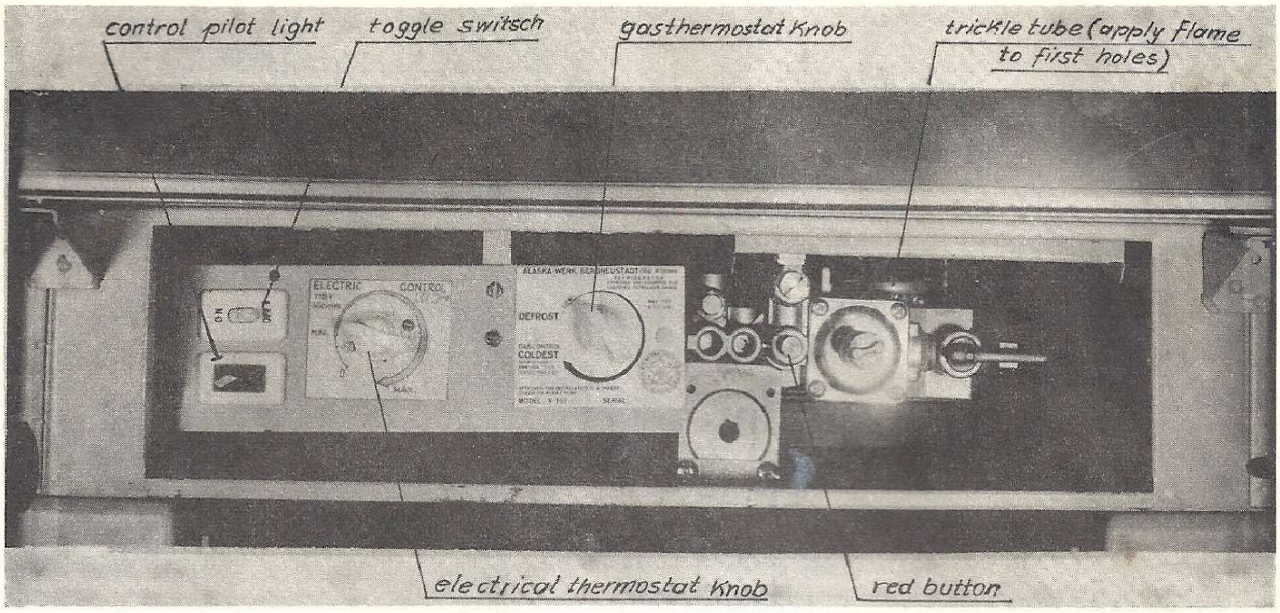
See Figure 1.

1. LEVEL EVAPORATOR IN EACH DIRECTION.
2. TURN GAS VALVE HANDLE TO THE HORIZONTAL POSITION.
3. SET GAS THERMOSTAT KNOB TO COLDEST POSITION.
4. PRESS RED BUTTON ON IGNITION VALVE IN, THEN HOLD LIGHTED MATCH TO THE END OF THE ALUMINUM IGNITION TUBE AT THE BURNER AS MARKED BY ARROW.
5. CONTINUE TO PRESS IN RED BUTTON OF IGNITION VALVE (COMBINED WITH SAFETY CONTROL VALVE) FOR AT LEAST 1 MINUTE
6. OBSERVE MAIN BURNER FLAME.
7. WHEN STABLE CONDITIONS HAVE BEEN ATTAINED, PUT GAS THERMOSTAT KNOB IN WARMER POSITION, IF TOO COLD.

NOTE: If burner does not stay lit, repeat lighting process.

INSTALLATION INSTRUCTIONS

FIGURE 1



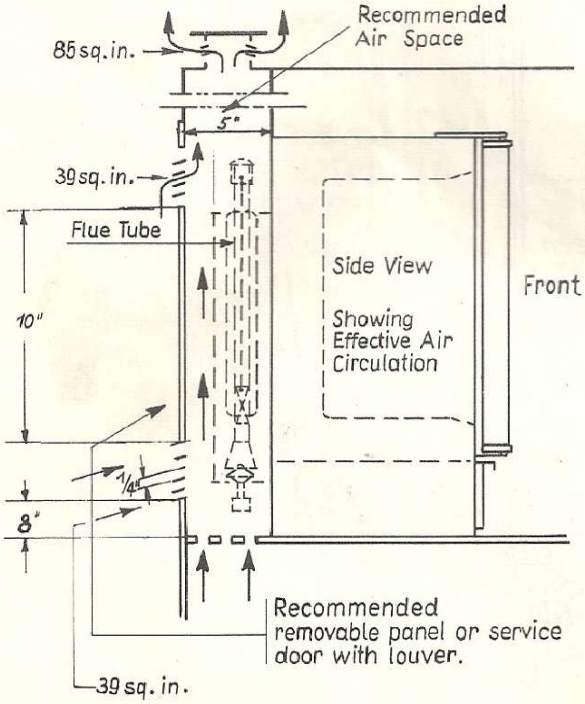


Figure 2

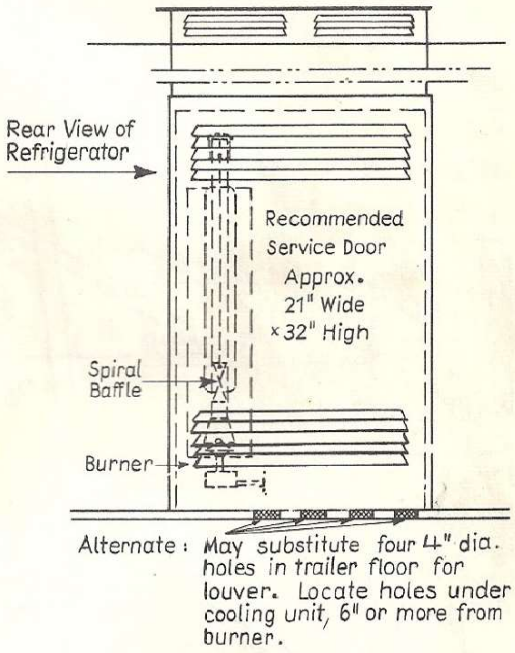


Figure 3

ELECTRICAL OPERATION

1. Shut part 20 valve by turning handle to vertical position (Fig. 1).
2. Turn electric thermostat knob clockwise to coldest position (I)
3. Set toggle switch to "ON" position which will activate red light indicating electricity is on.

Attention: BE SURE GAS VALVE IS IN VERTICAL POSITION.

4. If too cold, turn knob to warmer position.

DEFROSTING

Defrosting should be done regulary. When too much ice accumulates on the coils, there is a loss in efficiency in the operation of the refrigerator. Turn Temperature Regulator Control Knob to defrost position, place drip tray under coils, and leave door open for approximately 30 minutes or until all ice disappears from freezer coils. Wipe freezer coils dry, turn Control Knob to coldest position and close door securely. It will require approximately one hour for refrigerator to again become cold. NEVER USE A HEATER, INFRARED LAMP OR BOILING WATER FOR DEFROSTING.

CLEANING

USE ONLY CLEAN WATER TO WASH INTERIOR - do not use soap or detergent with a strong odor, as this may taint food or milk.

GAS EQUIPMENT LAYOUT

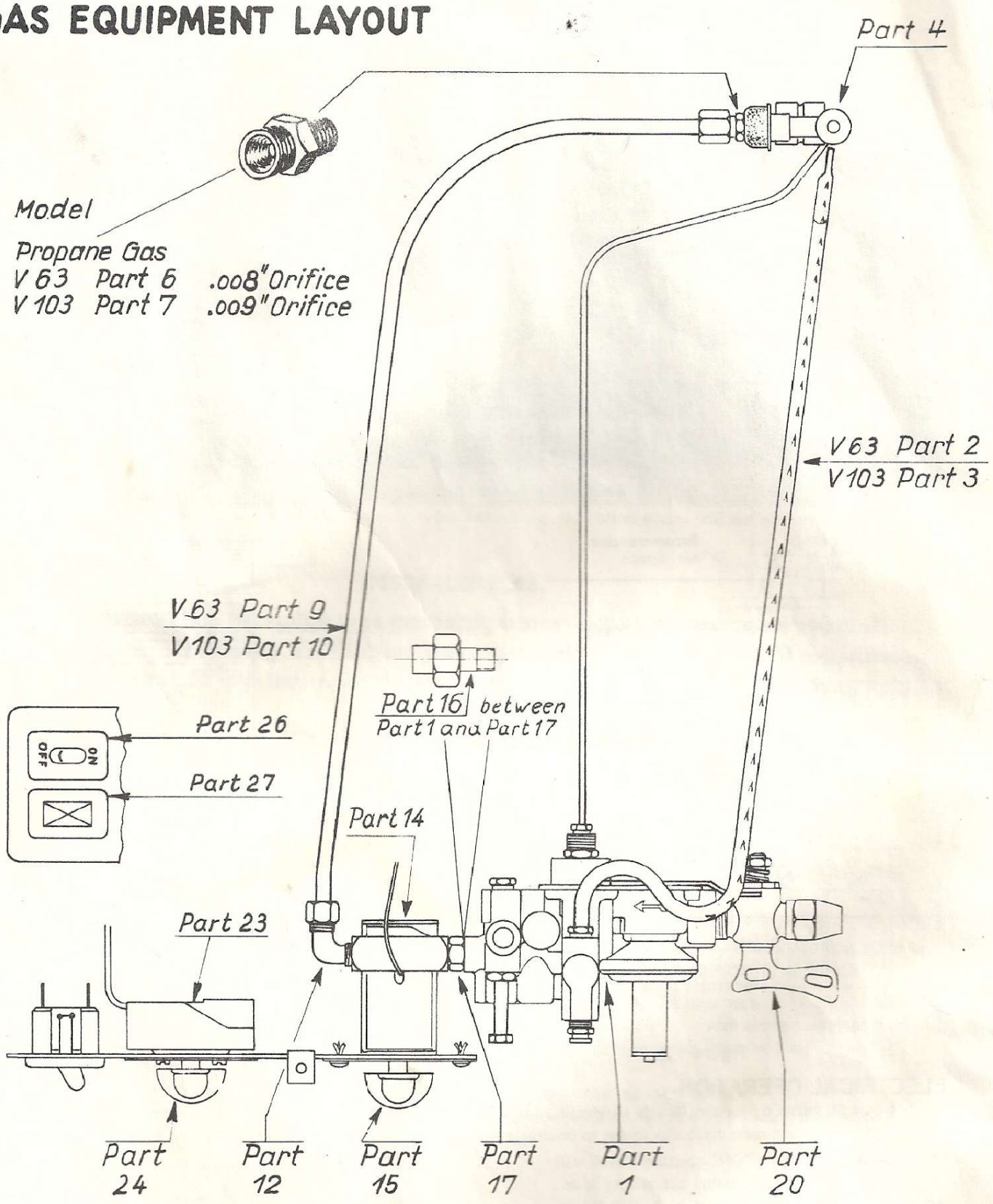


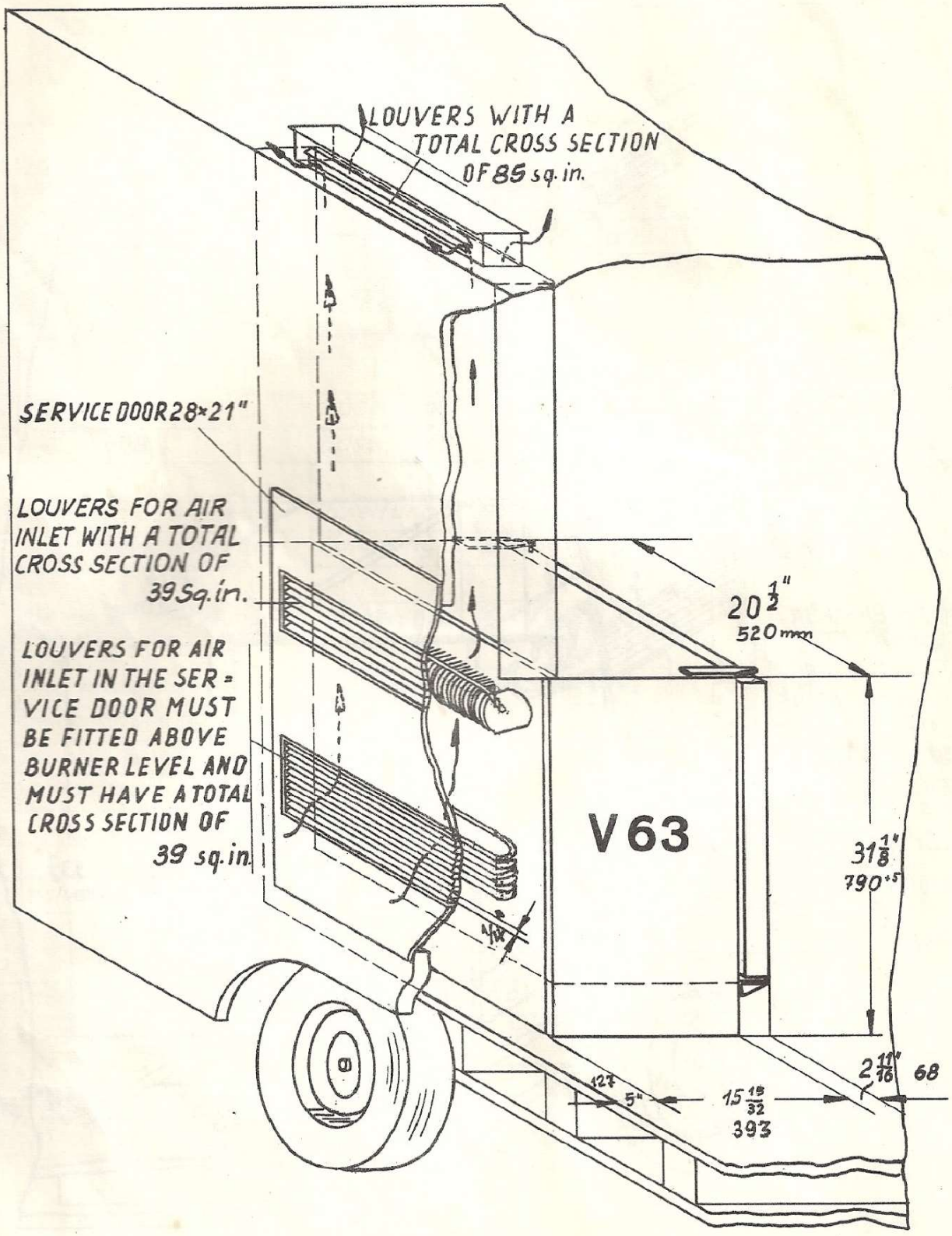
FIGURE 4

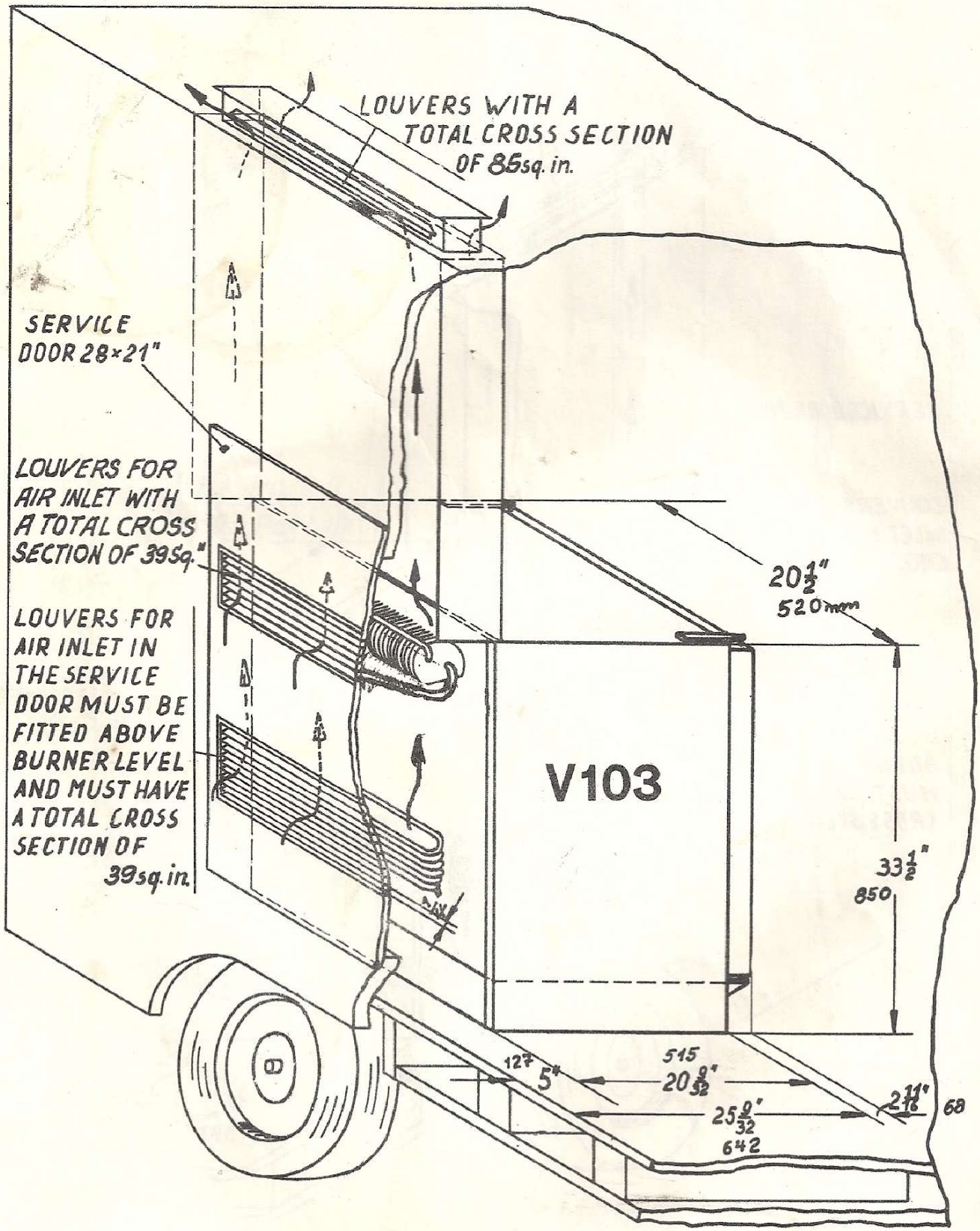
WARRANTY

The sealed cooling unit carries a 5 year warranty - all other parts one year warranty from date of purchase (F. O. B. Factory-Service and installation extra). To take advantage of this warranty, you must mail the Warranty Card to our factory within 30 days of purchase. Warranty will not be honored if your refrigerator is not registered with us.

SERVICE

If service or other information is required, contact your dealer. When ordering replacement parts, always clearly indicate Serial Number and Model Number shown on Temperature Control Plate (or warranty card).


LOUVERS WITH A TOTAL CROSS SECTION OF 85 sq. in.
SERVICE DOOR 28×21"
LOUVERS FOR AIR INLET WITH A TOTAL CROSS SECTION OF 39 Sq. in.
LOUVERS FOR AIR INLET IN THE SER = VICE DOOR MUST BE FITTED ABOVE BURNER LEVEL AND MUST HAVE A TOTAL CROSS SECTION OF 39 sq. in.
20 1/2"
520 mm
V63
31 1/8"
790 +5
2 11/16" 68
127
5"
15 15/32
393


LOUVERS WITH A TOTAL CROSS SECTION OF 85sq. in.
SERVICE DOOR 28×21"
LOUVERS FOR AIR INLET WITH A TOTAL CROSS SECTION OF 39sq."
LOUVERS FOR AIR INLET IN THE SERVICE DOOR MUST BE FITTED ABOVE BURNER LEVEL AND MUST HAVE A TOTAL CROSS SECTION OF 39sq. in.
20 1/2" 520mm
V103
33 1/2" 850
127 5"
515 20 9/32"
25 9/32" 642
2 11/16" 68

Teil-Nr. Part	Type: Propangasarmatur V63 u. V103 propane gas armature description	Benennung	Zchg.-Nr. drawing-№	Bemerkung note
1	gas armature	Gasarmatur	50.08 – 4.01 (3)	Penn-Controls
2	ignition tube	Zündrohr	50.08 – 4.02 (4)	V 63
3	ignition tube	Zündrohr	55.11 – 4.01 (4)	V 103
4	General Controls burner	General Controls Brenner	55.02 – 5.15 (4)	
5				
6	Jet .008"	Düse .008"	50.08 – 4.03 ( )	V 63
7	Jet .009"	Düse .009"	55.11 – 4.02 ( )	V 103
8				
9	inlet pipe to burner	Zuleitung z. Brenner	50.08 – 4.04 ( )	V 63
10	inlet pipe to burner	Zuleitung z. Brenner	55.11 – 4.03 (4)	V 103
11				
12	thread part 1/4 x 1/8" №4EM1	Winkelstück 1/4 x 1/8"	55.02 – 5.21 (5)	Schoenberger USA.
13				
14	thermostat Teddington	Teddington-Thermostat	50.08 – 4.14 (4)	
15	temperature control knob	Thermostat - Knopf	00.80 – 8.38 (4)	
16	connecting piece 504-1/2F 1/8"M x 1/8"F	Verbindungsstück	50.08 – 4.17 (–)	Schoenberger USA
17	transition - piece	Zwischenstück	55.02 – 5.34 (5)	
18				
19				
20	Valve 3/8 male x 3/8 SAE flare	Absperrhahn Typ 199 D/9	50.08 – 4.05 ( )	Schoenberger USA.
21				
22				
23	electric-thermostat	Elektrothermostat	00.80 – 8.90 (4)	Kapillarrohr 1500 lg.
24	temperature control knob	Thermostat - Knopf	00.80 – 8.38 (3)	
25				
26	toggle switch	Schalter	00.80 – 7.21 (5)	Hart Manufact.-Co. Hartford
27	pilot light	Glimmlampe	00.80 – 6.12 (5)	