

STAR MANUFACTURING INTERNATIONAL, INC.
9325 OLIVE BLVD., P.O. Box 8492
ST. LOUIS, MO 63132

DESIGNER SERIES 262 GAS HOTPLATE
DESIGNER SERIES GAS APPLIANCE

CAUTION: THIS EQUIPMENT IS DESIGNED AND SOLD FOR COMMERCIAL USE ONLY BY PERSONNEL TRAINED AND EXPERIENCED IN ITS OPERATION AND IS NOT SOLD FOR CONSUMER USE IN AND AROUND THE HOME NOR FOR USE DIRECTLY BY THE GENERAL PUBLIC IN FOOD SERVICE LOCATIONS. FOR EQUIPMENT TO BE USED BY THE GENERAL PUBLIC, PLEASE CONTACT THE FACTORY.

THE STAR DESIGNER SERIES GAS APPLIANCE IS EQUIPPED FOR THE TYPES OF GAS INDICATED ON THE NAMEPLATE MOUNTED ON THE INSIDE OF THE CABINET DOOR. IT IS SHIPPED ADJUSTED FOR USE ON PROPANE GAS.

THE INSTALLATION OF THE APPLIANCE SHOULD CONFORM TO THE NATIONAL FUEL GAS CODE ANSI Z223.1984 AND NFPA 70-1987 AND ALL LOCAL GAS CODES, RULES AND REGULATIONS

THIS APPLIANCE, ITS PRESSURE REGULATOR AND ITS INDIVIDUAL SHUTOFF VALVE MUST BE DISCONNECTED FROM THE GAS SUPPLY PIPING SYSTEM DURING ANY PRESSURE TESTING OF THAT SYSTEM AT TEST PRESSURES IN EXCESS OF 1/2 PSIG. THIS APPLIANCE AND ITS PRESSURE REGULATOR MUST BE ISOLATED FROM THE GAS SUPPLY SYSTEM BY CLOSING ITS INDIVIDUAL MANUAL SHUTOFF VALVE DURING ANY PRESSURE TESTING OF THE GAS SUPPLY PIPING SYSTEM AT TEST PRESSURES EQUAL TO OR LESS THAN 1/2 PSIG. FOR YOUR PROTECTION, WE RECOMMEND A QUALIFIED INSTALLING AGENCY INSTALL THIS APPLIANCE. THEY SHOULD BE FAMILIAR WITH GAS INSTALLATIONS AND YOUR LOCAL GAS REQUIREMENTS. IN ANY CASE, YOUR GAS COMPANY SHOULD BE CALLED TO APPROVE THE FINAL INSTALLATION. IN ADDITION, THERE SHOULD BE POSTED, IN A PROMINENT LOCATION, DETAILED INSTRUCTIONS TO BE FOLLOWED IN THE EVENT THE OPERATOR SMELLS GAS. OBTAIN THE INSTRUCTIONS FROM THE LOCAL GAS SUPPLIER.

FOR YOUR SAFETY
DO NOT STORE OR USE GASOLINE OR OTHER
FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY
OF THIS OR ANY OTHER APPLIANCE. KEEP THE
APPLIANCE AREA CLEAR AND FREE FROM COMBUSTIBLES.

LEVELING UNIT

LEVEL UNIT BY ADJUSTING THE (4) FEET WHICH HAVE AN ADJUSTMENT OF 1" FOR ACCURATE AND PERFECT LINE-UP WITH OTHER DESIGNER SERIES UNITS. CAUTION: DO NOT REMOVE FEET. FOUR FOOT EXTENSIONS WITH STUDS ARE PROVIDED IN THE EVENT ADDITIONAL BOTTOM CLEARANCE IS REQUIRED FOR EASE OF CLEANING.

CLEARANCE

CLEARANCES FROM COMBUSTIBLE MATERIAL MUST BE A MINIMUM OF 48" FROM THE TOP OF THE APPLIANCE AND 6" FROM THE SIDES AND BACK. ADEQUATE CLEARANCE SHOULD ALSO BE PROVIDED FOR PROPER OPERATION AND SERVICING.

GAS PIPING

GAS PIPING SHALL BE OF SUCH SIZE AND SO INSTALLED AS TO PROVIDE A SUPPLY OF GAS SUFFICIENT TO MEET THE FULL GAS INPUT OF THE APPLIANCE. IF THE APPLIANCE IS TO BE CONNECTED TO EXISTING PIPING IT SHALL BE CHECKED TO DETERMINE IT HAS ADEQUATE CAPACITY. JOINT COMPOUND (PIPE DOPE) SHALL BE USED SPARINGLY AND ONLY TO THE MALE THREADS OF THE PIPE JOINTS. SUCH COMPOUNDS SHALL BE RESISTANT TO THE ACTION OF L.P. GASES. WARNING: ANY LOOSE DIRT OR METAL PARTICLES WHICH ARE ALLOWED TO ENTER THE GAS LINES ON THIS APPLIANCE WILL DAMAGE VALVE AND AFFECT ITS OPERATION. WHEN INSTALLING THIS APPLIANCE, ALL PIPE AND FITTINGS MUST BE FREE FROM ALL INTERNAL LOOSE DIRT.

PRESSURE REGULATOR

A CONVERTIBLE PRESSURE REGULATOR SET AT 10" W.C. FOR USE ON PROPANE GAS IF FURNISHED. TO CONNECT TO GAS SUPPLY, ATTACH PIPE NIPPLE PROVIDED TO UNIT. ATTACH PRESSURE REGULATOR TO NIPPLE AND GAS SUPPLY TO REGULATOR. A 1/8" TAP IS FURNISHED ON THE NIPPLE FOR CHECKING PRESSURE.

MANUAL SHUT OFF VALVE

A MANUAL SHUT OFF VALVE SHOULD BE INSTALLED UPSTREAM FROM THE UNION AND WITHIN SIX FEET OF THE APPLIANCE.

CONNECTING GAS SUPPLY LINE

THE GAS INLET OF THIS APPLIANCE IS SEALED AT THE FACTORY TO PREVENT ENTRY OF DIRT. DO NOT REMOVE THIS SEAL UNTIL ACTUAL CONNECTION IS MADE TO THE GAS SUPPLY LINE.

CHECKING FOR GAS LEAKS

SOAP AND WATER SOLUTION OR OTHER MATERIAL ACCEPTABLE FOR THE PURPOSE SHALL BE USED IN LOCATING GAS LEAKAGE.

AIR SUPPLY

PROVISIONS FOR ADEQUATE AIR SUPPLY MUST BE FURNISHED.

AIR INTAKES IN BOTTOM

MAKE CERTAIN THAT THE AIR INTAKE OPENINGS IN THE BOTTOM OF THE APPLIANCE ARE NOT OBSTRUCTED. THEY ARE ESSENTIAL FOR PROPER COMBUSTION AND OPERATION OF THE APPLIANCE.

EXHAUST CANOPY

IT IS ESSENTIAL THAT FACILITIES BE PROVIDED TO CARRY OFF FUMES AND GASES.

ADJUSTING GAS INPUT

GAS INPUT OF HOTPLATE

FOR NATURAL GAS
22,000 BTU/HR OR 11,000 BTU/HR
FOR ONE BURNER.

FOR PROPANE GAS
22,000 BTU/HR OR 11,000 BTU/HR
FOR ONE BURNER.

THE APPLIANCE IS EQUIPPED WITH DOUBLE COAXIAL ORIFICE HOODS AND IS SHIPPED FROM THE FACTORY FOR USE ON PROPANE GAS. ORIFICE HOODS MUST BE SCREWED TIGHT WHEN USED ON PROPANE GAS.

LIGHTING INSTRUCTIONS

THE APPLIANCE IS EQUIPPED WITH A STANDING PILOT, WHICH IS LOCATED IN THE CENTER OF THE APPLIANCE BETWEEN THE FRONT AND REAR BURNERS, AND SHOULD BE LIGHTED IMMEDIATELY AFTER THE GAS IS TURNED ON.

1. TURN CONTROL KNOBS TO "OFF" POSITION. IF RELIGHTING PILOT WAIT 5 MINUTES TO CLEAR GAS.
2. OPEN THE FRONT DOOR PANEL BY PULLING ON THE LOUVRE.
3. REMOVE THE DRIP TRAY AND LIGHT PILOT WITH A LIGHTED TAPER.
4. TO ADJUST PILOT, TURN THE ADJUSTMENT SCREW, LOCATED ON THE PILOT FILTER JUST BEHIND THE BURNER VALVES. THE PILOT SHOULD BE ADJUSTED TO AS SHORT A FLAME AS POSSIBLE, AND STILL GIVE GOOD IGNITION TO THE BURNERS.
5. TURN CONTROL KNOBS TO "ON" POSITION.

ADJUSTING BURNERS

1. TURN BURNER VALVE TO "HI" POSITION.
2. CLOSE THE AIR SHUTTERS TO GIVE A SOFT BLUE FLAME HAVING LUMINOUS TIPS AND OPEN TO A POINT WHERE THE YELLOW TIPS DISAPPEAR, THEN TIGHTEN THE LOCKING SCREW.

ADJUSTING UNIT FOR USE ON NATURAL GAS

1. SET REGULATOR OUTLET PRESSURE TO 6 INCHES W.C. A 1/8" PIPE PLUG ON THE NIPPLE CAN BE REMOVED FOR ATTACHING A PRESSURE GAUGE. REMOVE THE SLOTTED COVER FROM THE PRESSURE REGULATOR AND INVERT THE PLUG. REPLACE THE COVER ON THE REGULATOR AND THE PLUG ON THE NIPPLE. REGULATOR IS NOW SET AT 6 INCHES W.C.
2. WITH THE CONTROL VALVE TO THE FRONT BURNER TURNED TO FULL "ON", TURN THE DOUBLE COAXIAL ORIFICE HOOD UNTIL A GAS RATE OF 11,000 BTU/HR FOR ONE BURNER IS OBTAINED. NOTE: TO OBTAIN ACCESS TO THE FRONT BURNER ORIFICE HOOD, REMOVE REAR GRATE AND LIFT REAR BURNER UP AND OUT. ACCESS TO ORIFICE HOOD IS THROUGH BURNER OPENING. OVER-RATING IS PROHIBITED.
3. CLOSE THE AIR SHUTTERS TO GIVE A SOFT BLUE FLAME HAVING LUMINOUS TIPS AND OPEN TO A POINT WHERE THE YELLOW TIPS DISAPPEAR, THEN TIGHTEN THE LOCKING SCREW.
4. REPEAT STEPS 2 AND 3 FOR THE REAR BURNER.

OPERATING INSTRUCTIONS

OPERATING PROCEDURE

EACH BURNER WILL DELIVER UP TO 11,000 BTU/HR OF HEAT AND IS CONTROLLED BY AN ADJUSTABLE ON/OFF VALVE. THE RIGHT CONTROL KNOB CONTROLS THE FRONT BURNER AND THE LEFT CONTROL KNOB CONTROLS THE REAR BURNERS. AFTER THE PILOT IS ONCE LIT AND ADJUSTED, THE BURNERS WILL IGNITE AUTOMATICALLY BY TURNING THE CONTROL KNOB FULL "ON" TO THE LEFT. AN INFINITE NUMBER OF HOT SETTINGS MAY THEN BE HAD BY TURNING THE CONTROL KNOB TO ANY POSITION BETWEEN ON AND OFF.

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LOCKING STRIPS

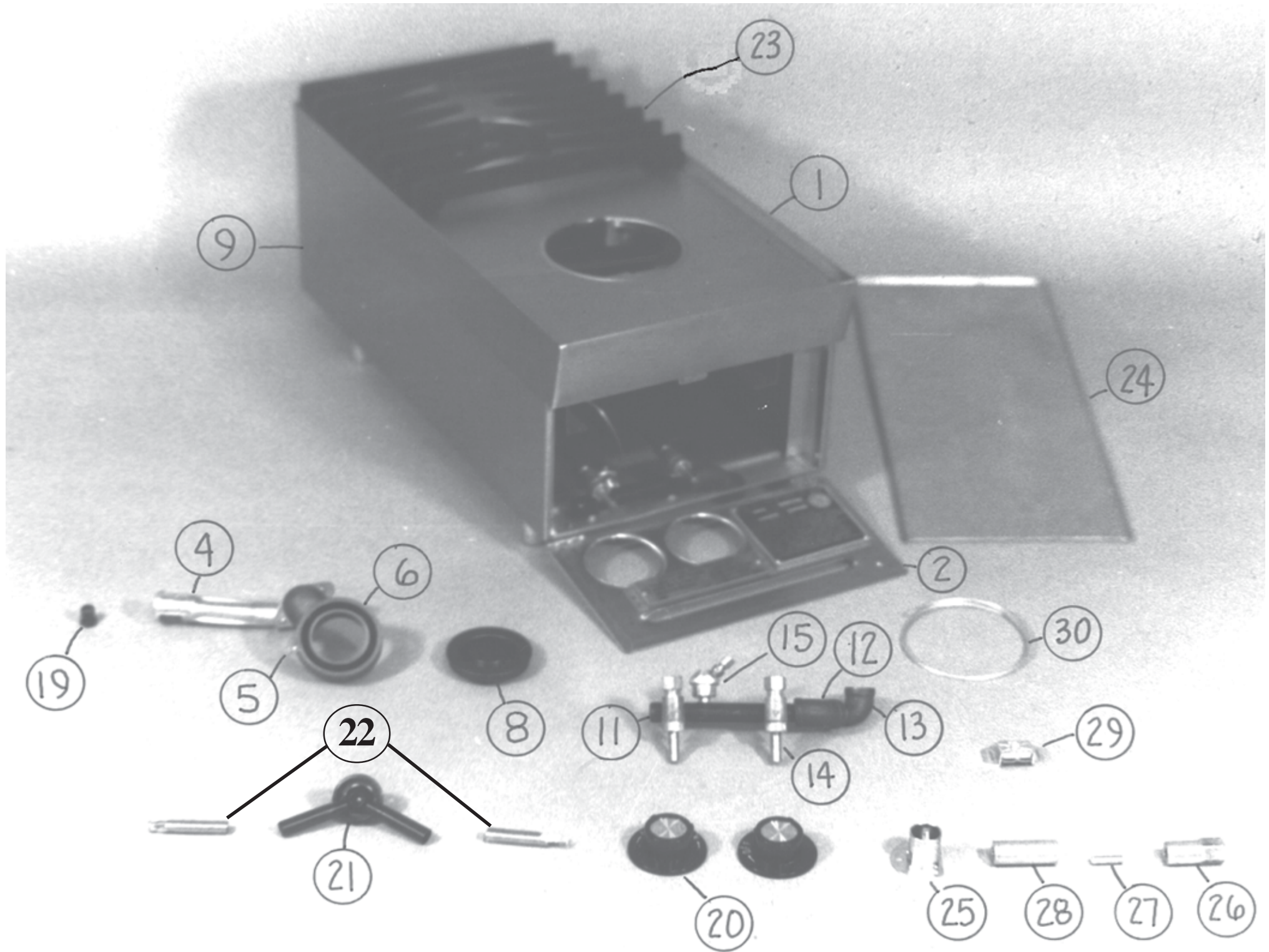
GREASE TIGHT LOCKING STRIPS ARE AVAILABLE TO JOIN THIS APPLIANCE TO ANY OTHER DESIGNER SERIES UNITS TO FORM A SOLID BANK. SPECIFY WHICH MODELS ARE TO BE BANKED AND THEIR ORDER IN THE LINE UP WHEN ORDERING STRIPS.

CLEANING

THE EXTERIOR SURFACE CAN BE KEPT CLEAN AND ATTRACTIVE BY REGULARLY WIPING WITH A CLEAN SOFT CLOTH. ANY DISCOLORATION CAN BE REMOVED WITH A NON-ABRASIVE CLEANER. THE BURNER GRATES AND BURNER TIPS CAN BE REMOVED FOR CLEANING. TO REMOVE AND CLEAN THE MASTER DRIP PAN, PULL FORWARD ON THE LOUVRE OF THE FRONT PANEL AND THE PANEL WILL HINGE DOWN. JUST SLIDE THE DRIP PAN FORWARD AND REMOVE TO SINK FOR CLEANING.

REPAIRS AND SERVICE

THIS APPLIANCE SHOULD ONLY BE REPAIRED OR SERVICED BY THE FACTORY OR FACTORY AUTHORIZED PERSONNEL.



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MODEL 262 Hotplate

| Key Number | Part Number | Number Per Unit | Description |
|----------------|----------------------|-----------------|--|
| 1 | I1-262001 | 1 | Top Assembly |
| 2 | I1-262011 | 1 | Door Assembly |
| 4-7 | I1-262015 | 2 | Burner Assembly (NO LONGER AVAILABLE) |
| 4 | 2J-6480 | 1 | Mixer |
| 5 | 2J-Y2953 | 1 | Jet |
| 6 | 2F-Y1679 | 1 | Burner Casting (NO LONGER AVAILABLE) |
| 7 | 2I-Y1680 | 1 | Gasket - Burner |
| 8 | 2P-6599 | 2 | Burner Cap (NO LONGER AVAILABLE) |
| | H-Y2908 | 2 | Medallion (not shown) (NO LONGER AVAILABLE) |
| 9 | J1-6305 | 2 | Side Panel |
| 11-15 | I1-262009 | 1 | Manifold Assembly Complete |
| 11 | 2J-9818 | 1 | Manifold |
| 12 | 2K-9769 | 1 | Elbow - 45° |
| 13 | 2K-7760 | 1 | Elbow - 90° |
| 14 | 2V-6630 | 2 | Valve |
| 15 | 2J-Y2636 | 1 | Pilot Filter |
| | I1-Y1638 | 2 | Tube - Rear Burner (6-3/4" Long) (not shown) |
| | I1-Y1639 | 1 | Tube - Rear Burner (5" Long) (not shown) |
| | I1-Y2447 | 1 | Tube - Front Burner (15-3/8" Long) (not shown) |
| 19 | I1-6629 | 2 | Orifice (Tip Drill #61, Hood #40) |
| 20 | 2R-9364 | 2 | Knob - Valve Control |
| 21 | 2J-Y1628 | 1 | Lighter - Flash (NO LONGER AVAILABLE) |
| 22 | 2J-Y4416 | 2 | Flash Tube |
| 23 | 2F-6679 | 2 | Burner Grate (11-19/64" x 11-5/8") (Serial # 2620607 & Above) NLA |
| 24 | I1-6600 | 1 | Drip Tray |
| 25 | Z1-115006 | 4 | Leg Assembly (less foot) |
| 26 | 2A-7612 | 4 | Foot |
| 27 | 2C-9348 | 4 | Stud |
| 28 | 2A-9347 | 4 | Extension Foot |
| 29 | 2C-9788 | 1 | Magnetic Catch |
| 30 | I1-6622 | 1 | Pilot Tube |
| | 2J-Y3948 | 1 | Pressure Regulator (not shown) |
| | G1-Y2911 | 1 | Support - Inlet Pipe (not shown) (NO LONGER AVAILABLE) |
| | 2K-Y3848 | 1 | Nipple (not shown) |

IMPORTANT: WHEN ORDERING, SPECIFY VOLTAGE OR TYPE GAS DESIRED
INCLUDE MODEL AND SERIAL NUMBER

Some items are included for illustrative purposes only and in certain instances may not be available.

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Star Manufacturing International, Inc.