



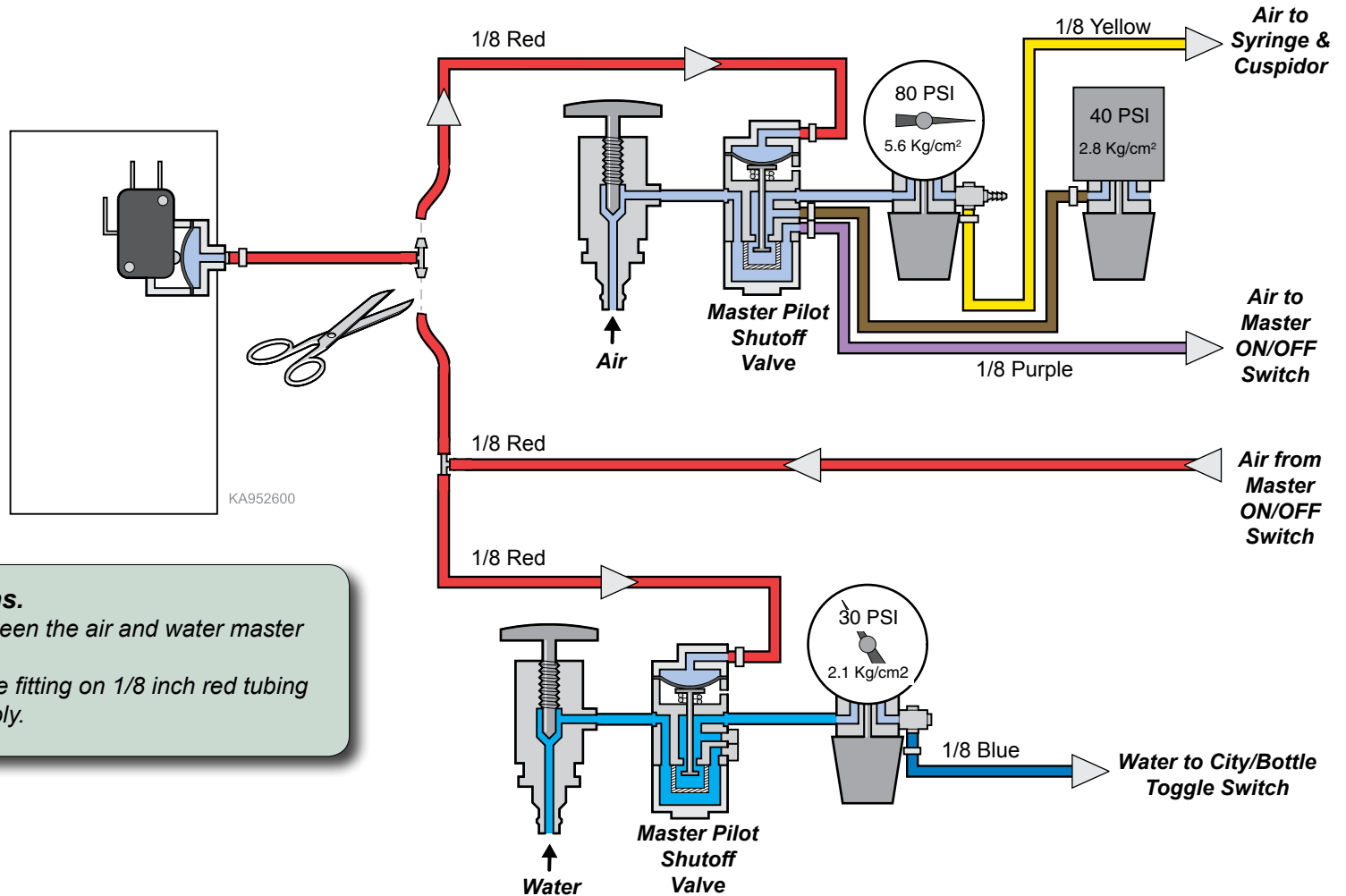
Installation: Power Supply Models 153606 & 153642

Applies to Models:
153606 (115 VAC)
153642 (230 VAC)

Special Tools:
none

Note
This Power Supply is also known as the Universal Power Supply.

The Power Supply provides power for the unit and light components for Midmark equipment.



Step 1: Tubing Connections.
A) Cut 1/8 inch red tubing between the air and water master pilot shutoff valves.
B) Connect both ends to the tee fitting on 1/8 inch red tubing coming from the power supply.

TP201 Rev. A



ATTENTION

If a receptacle is not available, install proper receptacle according to local codes. Electrical requirements are listed below:

115 VAC Models 115 VAC 10%, 50/60 Hz, 3 Amp, Single Phase

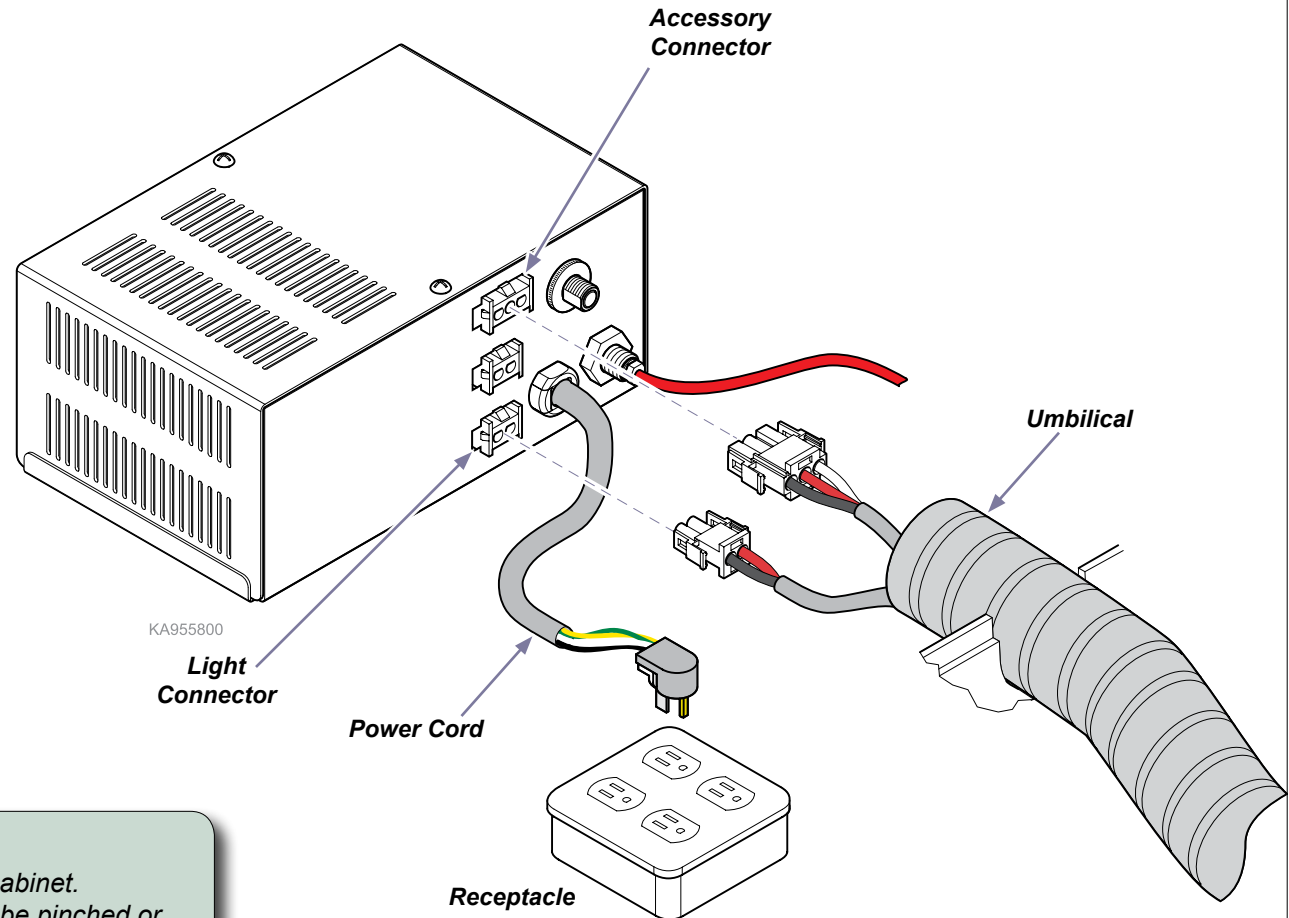
230 VAC Models ... 230 VAC 10%, 50/60 Hz, 1.5 Amp, Single Phase

Step 2: Electrical Connections.

- A) Plug the power cord into receptacle.
- B) Connect accessory and/or light wiring harness from the umbilical to the power supply.

Note

The 12:00 o'clock casework mounted delivery systems do not have a light wiring harness in umbilical.



Step 3: Positioning.

- A) Position power supply in J-Box or cabinet.
- B) Make certain no wires or tubes will be pinched or kinked when door is closed or lid is put on.



ATTENTION

If installing the Power Supply in a location where air pressure is not available (i.e. dealer showroom), it will be necessary to bypass the air pressure switch to allow operation. When air pressure is available, the bypass procedure is not necessary.



WARNING

To prevent the possibility of electrical shock, always disconnect electrical power to the power supply before removing cover.

Failure to comply with these instructions could result in severe personal injury or death.

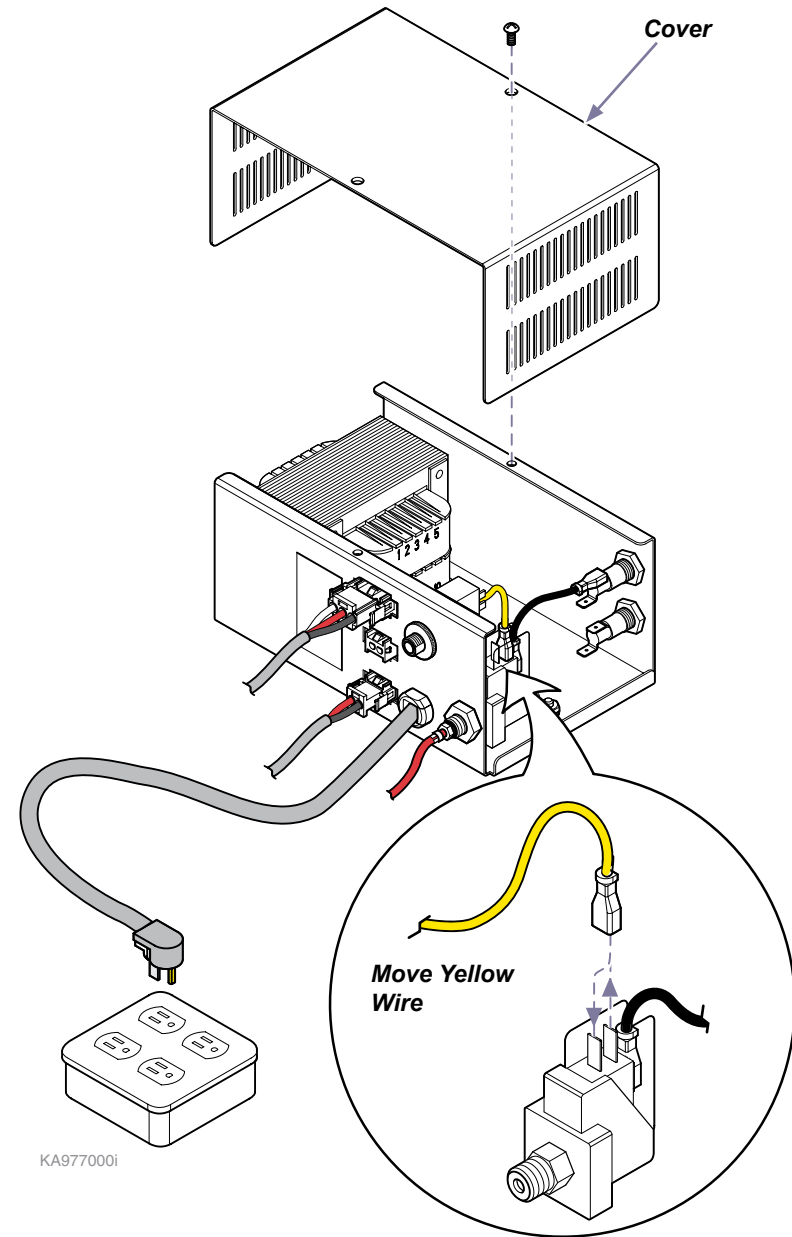
Step 4: Bypassing the air pressure switch.

- A) Disconnect electrical power to the power supply.
- B) Remove two screws and cover.
- C) Disconnect yellow wire from air pressure switch terminal.
- D) Connect yellow wire to terminal of air pressure switch as shown.
- E) Install cover and secure with two screws.
- F) Reconnect electrical power to the power supply.

Note After completing this procedure, the power supply will function without air pressure. If the power supply is used with a Midmark delivery unit, the position of the master ON/OFF switch will not affect the power supply (the light will function with the master ON/OFF switch OFF).

Note

General cleaning is not required since the power supply is enclosed in the J-box or cabinet.



TRANSPORTATION / STORAGE CONDITIONS

Ambient Temperature Range:..... 41°F to 100°F (-5°C to 38°C)

Relative Humidity:..... 10% to 90% (non-condensing)

Atmospheric Pressure: 500hPa to 1060 hPa (0.49atm to 1.05atm)

SERVICE

If service or repair is required, contact your authorized Midmark dealer.

To contact Midmark directly:

1-800-MIDMARK (1-800-643-6275)

8:00 a.m. - 5:00 p.m. Monday - Friday EST).

www.midmark.com

DISPOSAL OF EQUIPMENT

At the end of product life, accessories, and other consumable goods may become contaminated from normal use. Consult local codes and ordinances for proper disposal of equipment, accessories and other consumable goods.

ELECTROMAGNETIC INTERFERENCE

This product is designed and built to minimize electromagnetic interference with other devices. However, if interference is noticed between another device and this product:

- Remove interfering device from room
- Plug light into isolated circuit
- Increase separation between light and interfering device
- Contact Midmark if interference persists.



WARNING

Equipment *is not* suitable for use in the presence of a flammable anesthetic mixture with oxygen, air, or nitrous oxide.

Clarification: Equipment *is* suitable for use in the presence of oxygen, air, or nitrous oxide.

SPECIFICATIONS

Weight: 10 lbs. (4.5 kg)

Dimensions:..... 7.5 in. (19.0 cm) L x 3.5 in. (8.9 cm) W x 4.5 in. (11.4 cm) H

Electrical Requirements:

115 VAC Models 115 VAC +10%, 50/60 Hz 3 amp, single phase

Outputs:24 VAC, 3.5 amp

..... 13.0 VAC, 2.0 amp

..... 14.5 VAC, 6.5 amp

..... 18.5 VAC, 5.5 amp

230 VAC Models

230 VAC +10%, 50/60 Hz 1.5 amp, single phase

Fuse Specifications:

115 / 230 VAC Models Type T, 4 amp, 250 VAC 5 x 20 mm, Time Lag

Classifications:



Class 1, Type B, Applied
Part, Ordinary Equipment (IPX0)

Certifications:

Midmark Corporation.... SO-9001 Certified

115 VAC Units:

UL60601-1 (2nd Edition)

CAN/CSA 22.2, #601.1-M90

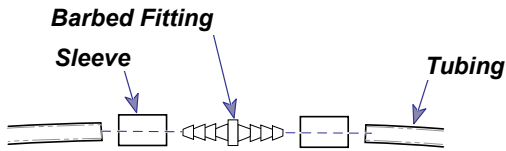
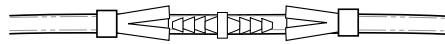
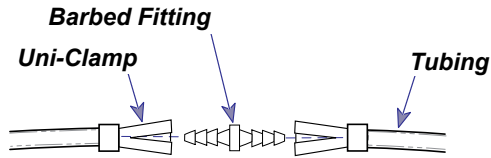
230 VAC Units

Complies to the applicable revision of the MDD 93/42/EEC, Annex VII

TUBING CONNECTORS

When connecting internal tubing to metal barbed fittings during installation, it is necessary to use the plastic retainers included with operator components.

For 1/8 in. tubing use Uni-Clamp
 For 1/4 in. tubing use Sleeve



KA930702

SYMBOLS AND NOTES



ATTENTION

Indicates a potentially hazardous situation which could result in equipment damage if not avoided.



WARNING

Indicates an imminently hazardous situation which will result in serious or fatal injury. This symbol is used only in the most extreme conditions.



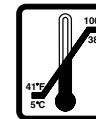
Keep Dry



Atmospheric Pressure Limits



Proper Shipping Orientation



Storage Temperature Limits



Fuse Rating Specification



Humidity Limits



Consult User Guide for more information



Protective Earth Ground



Fragile