

Solder Pots

Solder Pots are Built to Last!

American Beauty solder pots have industry recognition for superior performance. Includes dross skimmer that heats to solder temperature, thereby clearing solder without degrading temperature. Internal dross is moved to lip where it cinders away. Dross skimmers are safer and more efficient than paddles, spoons and sticks that contaminate solder and lower temperature. **Interested in tightening your operating parameters?** Please take a moment to examine our [Model V3700](#) Voltage Control Unit which saves you money while improving your operations.

Features & Benefits:

- **Cast Iron Crucible** - Chemically stable to keep solder pure.
- **Wide Lipped** - Perfect for accomadating fixtures.
- **Superior Heat Control** - Uniform solder temperature in crucible.
- **Internal, Removable Dross Skimmer** - Increases operator safety; maintains solder temperature



**General Purpose
Industrial Solder Pot**
[Model 300](#)

Common Applications: Typical uses include tinning the ends of stranded wire leads, pre-tinning small electrical parts, re-tinning soldering iron tips and dip soldering small printed circuit boards. Ideal solder pot for reliable control of solder temperature in harsh

environments at an affordable price.

Components:

- [9301](#) - Replacement Heating Cartridge
- [8055](#) - Replacement Thermostat

Specifications:

- Wattage - **320 Watts**
- Capacity - **1 lb** (.45kgs)
- Temperature Range - **350°F - 850°F**(176°C - 454°C)
- Heating Time, Full pot to 400°F (204°C)- **15 minutes**
- Heating Time, Full pot to 850°F (454°C)- **25 minutes**
- Crucible I.D.,Depth & Center Tap: **2¼", 1½" & ¼"** (5.72cm, 3.81cm, 20)
- Solder Pot O.D., Base Dia. & Height: **4¾", 5¾" & 5 1/8"** (12.1, 14.6, 13.0cm)
- Standard Voltage: **110-120V AC, 50/60 hz** (220-240V AC Available)
- Fuse - **5 AMP**

[Replacement Heating Cartridges - Model 9301](#)

[Replacement Thermostats - Model 8055](#)

Weight: 6.5LBS (2.925KGS)



**General Purpose
Industrial Solder Pot**
[Model 600](#)

Common Applications: Very similar to the Model 300 solder pot except with more capacity. Typical uses include tinning the ends of stranded wire leads, pre-tinning small electrical parts, re-tinning soldering iron tips and dip soldering small printed circuit boards. Ideal solder pot for reliable control of solder temperature in harsh environments at an affordable price.

Components:

- [9300](#) - Replacement Heating Cartridge
- [8055](#) - Replacement Thermostat

Specifications:

- Wattage - **600 Watts**
- Capacity - **2½ lbs** (1.13kgs)
- Temperature Range - **350°F - 850°F**(176°C - 454°C)
- Heating Time, Full pot to 400°F (204°C)- **15 minutes**
- Heating Time, Full pot to 850°F (454°C)- **25 minutes**
- Crucible I.D.,Depth & Center Tap: **3½", 1½" & 5/16"** (8.9cm, 3.8cm, 18)
- Solder Pot O.D., Base Dia. & Height: **6", 7" & 5½"** (15.2, 17.8, 14.0cm)
- Standard Voltage: **110-120V AC, 50/60 hz** (220-240V AC Available)
- Fuse - **7 AMP**

Replacement Heating Cartridges - Model 9300

Replacement Thermostats - Model 8055

Weight: 9.0LBS (4.05KGS)



MIL Spec Solder Pot
Model 675

Common Applications: Tinning the ends of stranded wire leads, pre-tinning small electrical parts, re-tinning soldering iron tips and dip soldering small printed circuit boards in environments where tight temperature controls must be kept. Tighter control without the costs involved with a digital solder pot.

Components:

- [9302](#) - Replacement Heater Band

Specifications:

- Wattage - **650 Watts**
- Capacity - **2¾ lbs** (1.24kgs)
- Temperature Range - **400°F - 800°F**(204°C - 427°C)
- Temperature Variation - **±15°F** after one hour settling time.
- Heating Time, Full pot to 400°F (204°C)- **13 minutes**

- Heating Time, Full pot to 800°F (454°C)- **23 minutes**
- Crucible I.D., Depth & Center Tap: **3 1/3", 1 3/4" & 5/16"** (5.7cm, 4.5cm, 18)
- Solder Pot O.D., Base Dia. & Height: **6", 7" & 5 1/2"** (15.2, 17.8, 14.0cm)
- Standard Voltage: **110-120V AC, 50/60 hz**
- Fuse - **7 AMP** Type AG-3.
- Control Module: Solid state zero cross switching, opto coupled triac. Module can be placed upto 18" away from pot.

Replacement Heating Cartridges - Model 9302

Weight: 16.5LBS (7.425KGS)



**Replacement Heating
Cartridge**
Model 9301

TWO heating cartridges are required to run the Model 300 solder pot. If your pot is not maintaining temperature, it could be that one of your two cartridges has expired. [Learn more about troubleshooting this problem.](#)

Specifications:

- Wattage: **160 Watts**

Used with the following tool:

- [300](#) - General Purpose Industrial Solder Pot
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**Replacement Heating
Cartridge**
Model 9300

TWO heating cartridges are required to run the Model 600 solder pot. If your pot is not maintaining temperature, it could be that one of your two cartridges has expired. [Learn more about troubleshooting this problem.](#)

Specifications: Wattage: 300 Watts

Used with the following tool:

- [600](#) - General Purpose Industrial Solder Pot



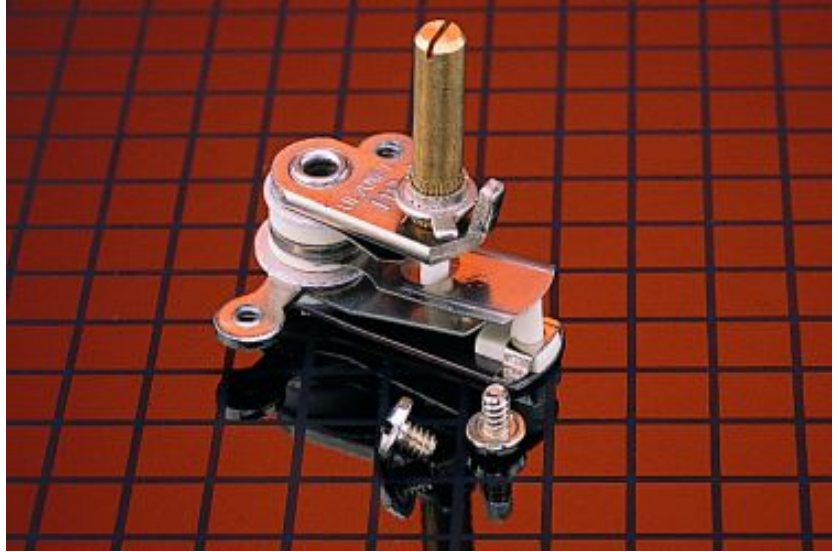
**Replacement Heater
Band**
Model 9302

Specifications:

- 650 Watts
- Band Style Heating Element

Used with the following tool:

- [675](#) - MIL Spec Solder Pot



**Replacement
Thermostat**
Model 8055

Due to the nature of solder pots (extremely high heat and difficult environments) Thermostats in the Model 300 and 600 Solder Pots are consumable items. [Learn more about our repair service.](#)

Specifications:

- Bi-Metal Design
- For Models 300 & 600 built after 1998
- Please contact us at (800)550-2510 if you have questions regarding the age of your solder pot

OPERATIONAL WARNINGS

- Operate only in well-ventilated workstations.
 - Run solder pots on heat resistant surfaces
 - Solder pots generate a great amount of heat and should never be left to operate unattended.
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American Beauty Soldering Tools are proudly manufactured by Assembly Technologies International, Inc.
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