

## INSTALLATION/OPERATING INSTRUCTIONS

Please retain  
this manual for  
future reference.

### CAUTION

INSPECT CONTENTS IMMEDIATELY AND FILE CLAIM WITH DELIVERING CARRIER FOR ANY DAMAGE. **SAVE YOUR BOX AND ALL PACKING MATERIALS.** YOU ARE RESPONSIBLE FOR DAMAGE TO YOUR UNIT IF RETURNED IMPROPERLY PACKED.

| <i>model<br/>number</i> | <i>top<br/>cutout</i> | <i>control<br/>cutout</i> | <i>umbilical<br/>length</i> |
|-------------------------|-----------------------|---------------------------|-----------------------------|
| SGDI-1 . . . . .        | 23 3/8" x 16 3/8"     | 5" x 8"                   | 36"                         |
| SGDI-2 . . . . .        | 23 3/8" x 30 3/8"     | 5" x 17"                  | 24"                         |
| SGDI-3 . . . . .        | 23 3/8" x 44 3/8"     | 5" x 17"                  | 24"                         |
| SGDI-4 . . . . .        | 23 3/8" x 57 3/8"     | 5" x 33 7/8"              | 24"                         |
| SGDI-5 . . . . .        | 23 3/8" x 71 3/8"     | 5" x 33 7/8"              | 24"                         |
| SGDI-6 . . . . .        | 23 3/8" x 85 3/8"     | 5" x 33 7/8"              | 24"                         |

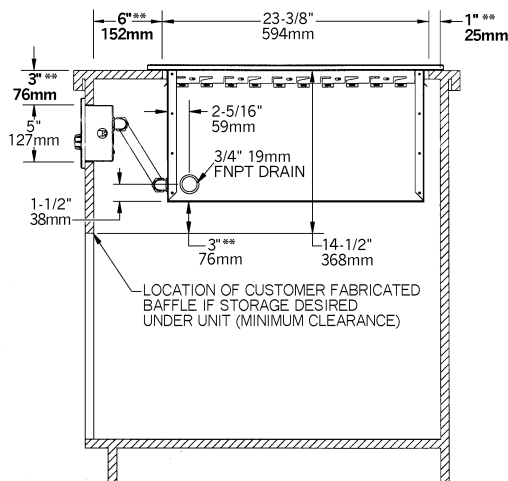
### Replacement Parts List

| <i>part #</i>    | <i>description</i>   |
|------------------|----------------------|
| 334567 . . . . . | Element 1600W @ 240V |
| 334567 . . . . . | Element 1200W @ 208V |
| 334571 . . . . . | Element 1200W @ 240V |
| 334568 . . . . . | Element 1200W @ 120V |
| 302353 . . . . . | Light Indicator      |
| 309750 . . . . . | Thermostatic Control |
| 301986 . . . . . | Control Knob         |

Parts are the same for all model numbers, quantities will vary.

### Replacement Parts List— AutoFill® Water System

|                  |                                 |
|------------------|---------------------------------|
| 337968 . . . . . | AutoFill® Controller @ 120V     |
| 349784 . . . . . | AutoFill® Controller @ 208/240V |
| 338518 . . . . . | Solenoid Valve @ 120V           |
| 349785 . . . . . | Solenoid Valve @ 208/240V       |
| 338390 . . . . . | AutoFill® Switch                |
| 338473 . . . . . | AutoFill® Reservoir             |



\*\* Denotes minimum installation spacing from cutouts to vertical cabinet walls per UL listing.

figure 1

**Installation must meet local electrical and plumbing codes. Installation must allow access for service. Unit shall be accessible for servicing from the bottom.**

- 1) Cut holes as required in counter top and front panel. See chart for cut out sizes. See figure 1 for cutout positioning.
- 2) Remove screws holding control panel to box and remove control panel to expose field-wiring terminals.
- 3) Apply a bead of NSF listed silicone adhesive to underside of top flange. Pass control box through top opening and work through cutout in front panel. Seat unit to counter top.
- 4) From underneath insert a long, flat head screwdriver into the slots in the locking angles. Twist clockwise 120° to lock unit securely to top.
- 5) Install control box securely in front panel cutout with #8 sheet metal screws in top and bottom flanges.
- 6) Make electrical connections at terminal block as required. Connect unit to dedicated electrical circuit with properly sized circuit breaker that meets the requirements of NEC Article 422 and any local electrical codes. See unit model/serial for electrical ratings. Replace control panel and attach knobs.  
**Note:** All units are shipped from the factory wired for single-phase operation; all but the single-well units are field-convertible for three-phase operation, see wiring diagram for details.
- 7) A drain manifold with ball valve is provided on all units with drains. Location of the valve is left to the discretion of the installer\*. Install provided pipe plug on end opposite ball valve. Use of a suitable pipe-sealing compound is recommended. When tightening connections, back up manifold fittings with a wrench to prevent damage to the manifold.

\*On units with AutoFill® Water System, the ball valve will be located on the left end.

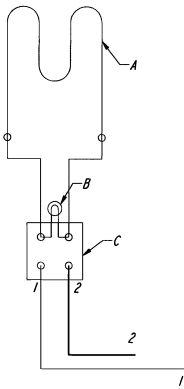
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EG9887 Revised 11/18

# SGDI Drop-Ins

## WIRING DIAGRAMS FOR ELECTRICIANS

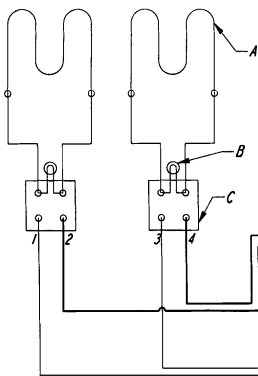
### Single-Well



A = Element  
B = Pilot Light  
C = Thermostatic Control  
Please see "Replacement Parts List"  
on front page for part numbers.

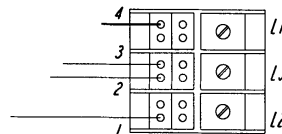
| Volts | Watts | Amperage |      |     |
|-------|-------|----------|------|-----|
|       |       | L1       | L2   | L3  |
| 120   | 1200  | 10.00    | n/a  | n/a |
| 208   | 900   | 4.33     | 4.33 | n/a |
| 240   | 1200  | 5.00     | 5.00 | n/a |
| 208*  | 1200  | 6.00     | 6.00 | n/a |
| 240*  | 1600  | 7.00     | 7.00 | n/a |

### Two-Well



Single Phase

| Single Phase |       | Amperage |       |     |
|--------------|-------|----------|-------|-----|
| Volts        | Watts | L1       | L2    | L3  |
| 120          | 1200  | 20.00    | n/a   | n/a |
| 208          | 900   | 8.70     | 8.70  | n/a |
| 240          | 1200  | 10.00    | 10.00 | n/a |
| 208*         | 1200  | 12.00    | 12.00 | n/a |
| 240*         | 1600  | 13.50    | 13.50 | n/a |

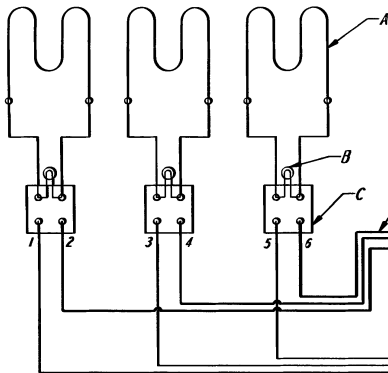


Three Phase

| 3-Phase |       | Amperage |       |       |
|---------|-------|----------|-------|-------|
| Volts   | Watts | L1       | L2    | L3    |
| 120     | n/a   | n/a      | n/a   | n/a   |
| 208     | 900   | 4.33     | 4.33  | 7.50  |
| 240     | 1200  | 10.00    | 10.00 | 8.70  |
| 208*    | 1200  | 12.00    | 12.00 | 10.00 |
| 240*    | 1600  | 13.50    | 13.50 | 11.60 |

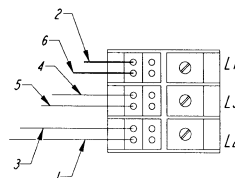
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### Three-Well



Single Phase

| Single Phase |       | Amperage |       |     |
|--------------|-------|----------|-------|-----|
| Volts        | Watts | L1       | L2    | L3  |
| 120          | 1200  | 30.00    | n/a   | n/a |
| 208          | 900   | 13.00    | 8.70  | n/a |
| 240          | 1200  | 15.00    | 10.00 | n/a |
| 208*         | 1200  | 17.50    | 12.00 | n/a |
| 240*         | 1600  | 20.00    | 13.50 | n/a |

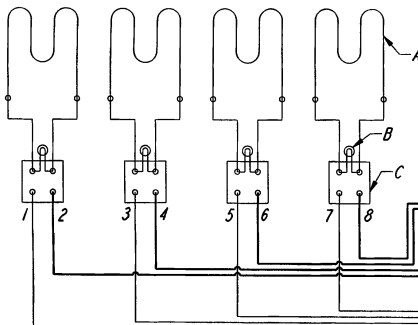


Three Phase

| 3-Phase |       | Amperage |       |       |
|---------|-------|----------|-------|-------|
| Volts   | Watts | L1       | L2    | L3    |
| 120     | 1200  | n/a      | n/a   | n/a   |
| 208     | 900   | 4.33     | 7.50  | 7.50  |
| 240     | 1200  | 10.00    | 8.70  | 8.70  |
| 208*    | 1200  | 12.00    | 10.00 | 10.00 |
| 240*    | 1600  | 13.50    | 11.60 | 11.60 |

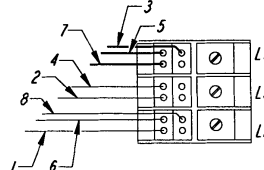
A = Element  
B = Pilot Light  
C = Thermostatic Control  
Please see "Replacement Parts List"  
on front page for part numbers.

### Four-Well



Single Phase

| Single-Phase |       | Amperage |       |     |
|--------------|-------|----------|-------|-----|
| Volts        | Watts | L1       | L2    | L3  |
| 120          | 1200  | n/a      | n/a   | n/a |
| 208          | 900   | 17.30    | 8.70  | n/a |
| 240          | 1200  | 20.00    | 10.00 | n/a |
| 208*         | 1200  | 17.50    | 12.00 | n/a |
| 240*         | 1600  | 20.00    | 13.50 | n/a |



Three Phase

| 3-Phase |       | Amperage |       |       |
|---------|-------|----------|-------|-------|
| Volts   | Watts | L1       | L2    | L3    |
| 120     | 1200  | n/a      | n/a   | n/a   |
| 208     | 900   | 11.50    | 11.50 | 7.50  |
| 240     | 1200  | 13.30    | 13.30 | 8.70  |
| 208*    | 1200  | 15.30    | 15.30 | 10.00 |
| 240*    | 1600  | 17.70    | 17.70 | 11.60 |

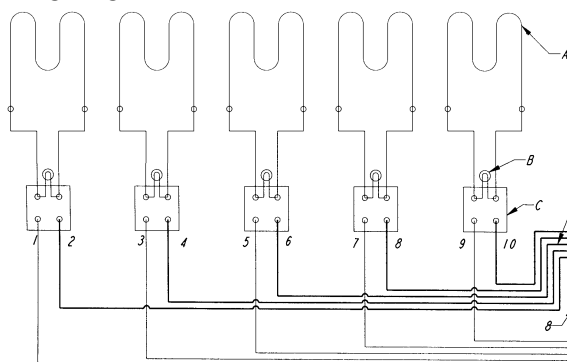
A = Element  
B = Pilot Light  
C = Thermostatic Control  
Please see "Replacement Parts List"  
on front page for part numbers.

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# SGDI Drop-Ins

## WIRING DIAGRAMS FOR ELECTRICIANS

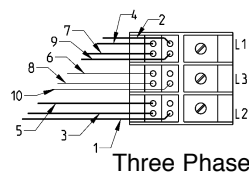
### Five-Well



| Single Phase |       | Amperage |       |     |
|--------------|-------|----------|-------|-----|
| Volts        | Watts | L1       | L2    | L3  |
| 120          | 1200  | n/a      | n/a   | n/a |
| 208          | 900   | 21.60    | 21.60 | n/a |
| 240          | 1200  | 25.00    | 25.00 | n/a |
| 208*         | 1200  | 29.00    | 29.00 | n/a |
| 240*         | 1600  | 33.50    | 33.50 | n/a |

| 3-Phase |       | Amperage |       |       |
|---------|-------|----------|-------|-------|
| Volts   | Watts | L1       | L2    | L3    |
| 120     | 1200  | n/a      | n/a   | n/a   |
| 208     | 900   | 15.00    | 11.50 | 11.20 |
| 240     | 1200  | 17.30    | 13.30 | 13.00 |
| 208*    | 1200  | 20.00    | 15.30 | 15.00 |
| 240*    | 1600  | 23.10    | 17.60 | 17.30 |

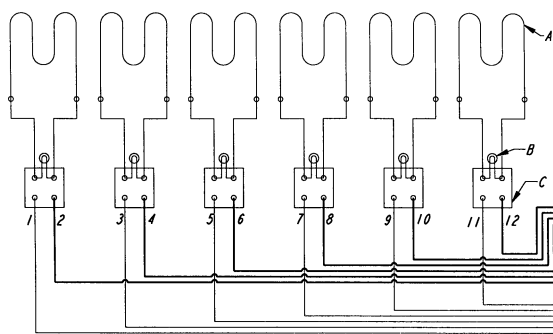
Single Phase



Three Phase

A = Element  
B = Pilot Light  
C = Thermostatic Control  
Please see "Replacement Parts List" on front page for part numbers.

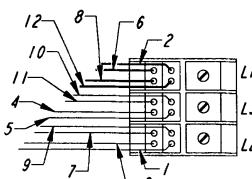
### Six-Well



| Single Phase |       | Amperage |       |     |
|--------------|-------|----------|-------|-----|
| Volts        | Watts | L1       | L2    | L3  |
| 120          | 1200  | n/a      | n/a   | n/a |
| 208          | 900   | 26.00    | 26.00 | n/a |
| 240          | 1200  | 30.00    | 30.00 | n/a |
| 208*         | 1200  | 35.00    | 35.00 | n/a |
| 240*         | 1600  | 40.00    | 40.00 | n/a |

| 3-Phase |       | Amperage |       |       |
|---------|-------|----------|-------|-------|
| Volts   | Watts | L1       | L2    | L3    |
| 120     | 1200  | n/a      | n/a   | n/a   |
| 208     | 900   | 15.00    | 15.00 | 15.00 |
| 240     | 1200  | 17.30    | 17.30 | 17.30 |
| 208*    | 1200  | 20.00    | 20.00 | 20.00 |
| 240*    | 1600  | 23.10    | 23.10 | 23.10 |

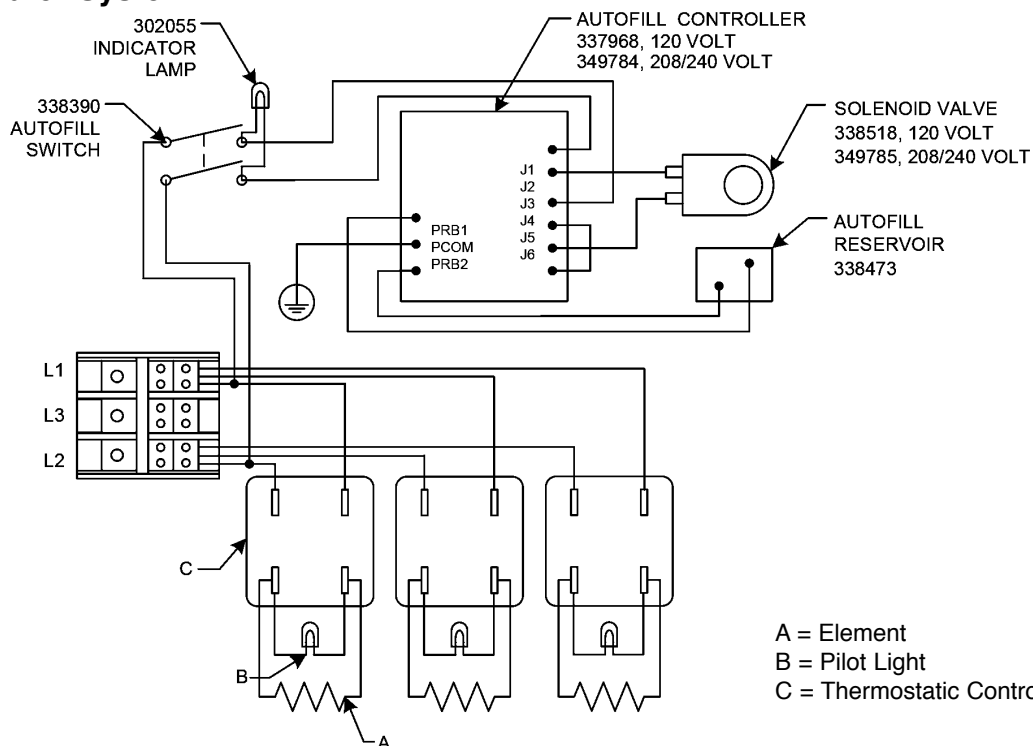
Single Phase



Three Phase

A = Element  
B = Pilot Light  
C = Thermostatic Control  
Please see "Replacement Parts List" on front page for part numbers.

### AutoFill® Water System



A = Element  
B = Pilot Light  
C = Thermostatic Control

(Note: Wiring of AutoFill® with 3-well unit shown. Wiring similar on 1- to 6-well units.)

(continued on back page)

# SGDI Drop-Ins

## OPERATING INSTRUCTIONS

The Food Warmer will work most efficiently when used with water in the well. The hot water will give a better distribution of heat and help keep food from drying out. It is not designed for cooking foods but merely to keep hot foods at desired temperatures for serving.

### Wet Operation with Cover

- 1) Fill a well with **hot water** to 1". This may take some time since wells are connected via manifold.
- 2) Set dial to highest position for 45 minutes with well covered to preheat unit, place food pan with hot precooked food into well and cover food pans with lids.
- 3) Adjust to desired setting for proper food temperature. This will vary with the type of food, type of food pans and individual serving temperature. The FDA recommends a minimum temperature of 135°F be maintained in food product. Consult local health codes.
- 4) To increase temperature, turn knob toward highest setting. To decrease, turn knob toward lowest setting.
- 5) Drain water, clean well and wipe dry every 24 hours of operation. Water may have to be added to well during operation depending on operating time and temperature setting.
- 6) Food pans should be covered to maintain temperature when food is not being served and to prevent food from drying out.

The above Instructions are starting suggestions only and may be changed to suit your individual needs. With so many different applications for this item, it is impossible to have standard settings to suit all applications.

**Note:** If unit is used dry, the bottom of receptacle will take on a brown colored appearance where the heater is located. The discoloration will not come off with normal cleaning procedures, but in no way affects the operation of the unit.



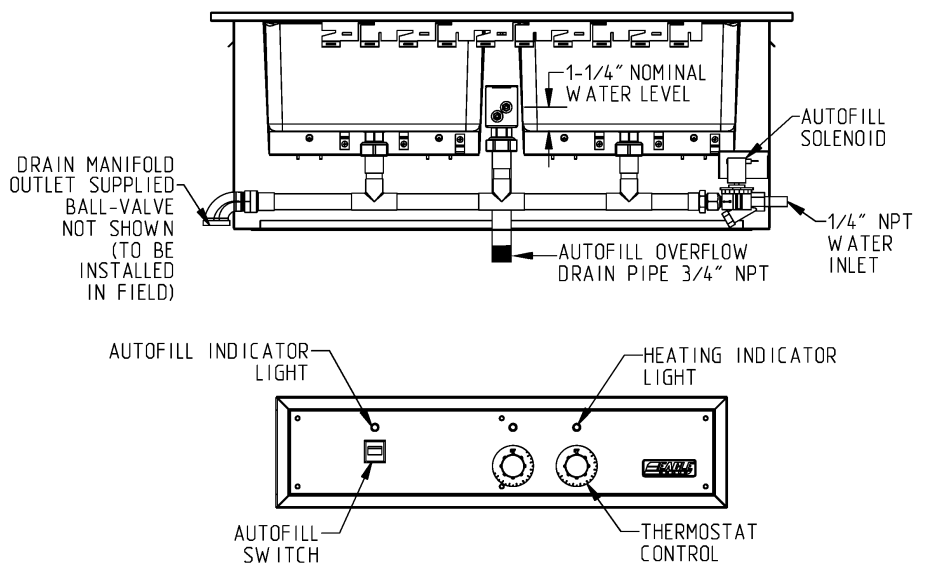
#### CAUTION



1. 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 location.
2. Do not immerse unit in water.
3. All repairs should be done by an authorized service center.
4. Unit should be turned off when not in use. It is recommended that unit be disconnected from power supply by shutting off power supply.

### AutoFill® Water System

1. Ensure the unit is level left-to-right and front-to-back.  
*Note: If unit is not level, the amount of water will differ in wells.*
2. Attach a continuous flowing hot water source to the 1/4" NPT water connection inlet.
3. Connect the drain and overflow to a vented waste drain.
4. Turn water source on and the AutoFill® ON/OFF switch to "ON". (The solenoid will make a "pop" sound the first time this is turned on.) The AutoFill® system will fill and maintain the proper water level in all wells. If there is a desire to run the unit without automatically filling the wells with water, simply turn the ON/OFF switch to the "OFF" position. The AutoFill® system runs independently of the hot wells, so the wells are still operational.



(End)