## NEWCO ENTERPRISES <br> INSTALLATION, OPERATION, AND SERVICE MANUAL FOR GK SERIES BREWERS



GKDF-4


GKF-3

| Model | Warmers | Width | Length | Height | Weight | Watts | Amps |
| :--- | :---: | :--- | :---: | :---: | :---: | :---: | :---: |
| GKF-1 | 1 | $9-1 / 2^{\prime \prime}$ |  | $19^{\prime \prime}$ | $23-1 / 2^{\prime \prime}$ | 35 lbs. | 1820 |
| GKF-2 | 2 | $9-1 / 2^{\prime \prime}$ | $19^{\prime \prime}$ | $25-1 / 2^{\prime \prime}$ | 37 lbs. | 1920 | 15.2 |
| GKF-3 | 3 | $9-1 / 2^{\prime \prime}$ | $19^{\prime \prime}$ | $25-1 / 2^{\prime \prime}$ | 39 lbs. | 2020 | 16.8 |
| GKDF-2 | 2 | $19^{\prime \prime}$ | $19^{\prime \prime}$ | $23-1 / 2^{\prime \prime}$ | 62 lbs. | 5240 | 21.8 |
| GKDF-4 | 4 | $19^{\prime \prime}$ | $19^{\prime \prime}$ | $25-1 / 2^{\prime \prime}$ | 64 lbs | 5440 | 22.7 |
| GKDF-6 | 6 | $19^{\prime \prime}$ | $19^{\prime \prime}$ | $25-1 / 2^{\prime \prime}$ | 66 lbs. | 5640 | 23.5 |

NOTE: Pour over models also available.

## WARRANTY

Newco coffee brewers are warranted against defects in workmanship or materials, under normal use, for 90 days from the date of purchase. Brewer parts are warranted against defect for 12 months from date of purchase.

Liability in all events is limited to the purchase price paid and liability under the aforesaid warranty is limited to replacing or repairing any part or parts which are defective in material or workmanship, and returned to our factory, shipping cost prepaid. No warranty expressed or implied, other than the aforesaid is made or authorized by Newco Enterprises, Inc.

Prompt disposition will be made if item proves to be defective, within warranty. Before returning any item, write or call Newco, or the dealer from whom the product was purchased, giving model number, serial number, and date of purchase, and describe the nature of the defect. If damage was incurred during transit to you, file claim with the carrier.

CAUTION: Power to brewer must be OFF before proceeding with plumbing installation.

1) Attach flow/strainer assembly to back of brewer. Strainer inlet will point down.
2) Flush water line before installing brewer. Brewer should be connected to COLD WATER LINE for best operation.
3) Water pressure should be at least 20 lbs . For less than a 25 ft run, use $1 / 4^{\prime \prime}$ copper tubing and connect to $1 / 2^{\prime \prime}$ or larger water line. For longer runs, use $3 / 8^{\prime \prime}$ copper tubing \& connect to $1 / 2^{\prime \prime}$ or larger water line and provide an adapter fitting for connection to the brewer.
4) If installed with saddle valve, the valve should have a minimum of $1 / 8^{\prime \prime}$ port hole for up to 25 ft run , and $5 / 16^{\prime \prime}$ port hole for over 25 ft runs.
5) Connect incoming water line to the strainer on the back of the brewer. Manufacturer recommends connecting to copper tubing.

## INSTALLATION INSTRUCTIONS

## FILL BREWER TANK WITH WATER BEFORE CONNECTING TO POWER SUPPLY!

WARNING: - Read and follow installation instructions before plugging or wiring in machine to electrical circuit. Warranty will be void if machine is connected to any voltage other than that specified on the name plate.

1) Place the decanter under brew basket, raise top evaporation cover and pour three decanters of water through the top pourin screen. Water should come through the brew basket as the third decanter of water drains out of the pour in basin. If brewer does not have a pour in opening remove top cover and pour water directly into receiving pan.
2) For Automatic Models: Adjust timer to deliver desired amount of water (Timer is located behind front access panel). Set volume selection switch to the " 1 POT" setting. To brew into a regular 60 oz . decanter, little adjustment should be needed. Turn timer dial clockwise to increase volume of water, and counter clockwise to decrease volume. The " 2 POT" setting will yield twice the volume of water as the " 1 POT" setting.
3) Brewer is shipped with thermostat turned on, (full clockwise position). Plug or wire in machine to appropriate voltage circuit as noted on the brewers serial tag. Serial tag is located on rear of brewer.
4) Allow 10 to 15 minutes for water in tank to heat to brewing temperature. (Additional water may drip from brew basket due to initial expansion of water in the tank). This will not occur thereafter.
5) After water has reached brewing temperature (thermostat will click off and heating noise will stop.) turn lower warmer switch to the ON position. To remove expanded water from tank, run one cycle by pouring one decanter of water through pour-in screen (pour over models) or by depressing brew start switch (automatic models). (Brew cycle may be canceled by turning the rocker switch back to the OFF position.)
6) Run one cycle to check for the proper temperaturesetting with an accurate thermometer. Take the temperature of this water at a point below the brew basket opening, at the start of the brew cycle and when the decanter is half full. Recommended temperature of the water is approximately 195 F .
7) In higher altitude locations ( 5000 feet above sea level) the thermostat may have to be adjusted lower to prevent boiling. independent of the brewing system and can be operated during brew cycle. Once brewer is pressurized, operate faucet until water flows smoothly.

## COFFEE PREPARATION PROCEDURES

1) Place filter into brew basket. Set the volume selector switch to the desired brew volume.
2) Put the proper amount of coffee into the filter.
3) Slide the brew basket into holder.
4) Place empty decanter on warmer located directly under the brew basket and turn corresponding warmer switch to ON position.
5) Pour decanter of water through pour-in screen into pour in basin (pour over models) or depress brew start switch (automatic models).
6) Hot water will be delivered through the sprayhead. This distributes the hot water evenly over the coffee bed within the brew basket. The coffee brew will drain from the brew basket into the decanter below.
7) The resultant coffee brew should be crystal clear and have the desired properties attainable through excellent extraction.
8) TURN OFF WARMER WHEN NOT IN USE. Red light indicates warmer is on.
9) To clean brew basket simply remove from brew rails and dump filter into waste basket. The brewing process, as described above, can now be started again.

TROUBLE SHOOTING GUIDE

| NO HOT WATER | 1. Tank heater <br> 2. Hi-limit themostat or main thermostat. | 1. Check the voltage at the tank heater terminals. Proper voltage is designated on the serial tag located on the rear of the brewer. <br> 2. Check the voltage between the white wire on the tank and the incoming terminal (blue wire) on the hi-limit thermostat, then the outgoing terminal (black wire) on the hi-limit thermostat. | 1. (A) If correct voitage is present at the tank heater terminals and water in tank is not being heated, replace the tank heater. (B) If voltage is not present at the $\tan \mathbb{R}$ heater terminals refer, to step 2. <br> (C) If incorrect voltage is present at the tank heater terminals, check voltage at outlet. <br> 2. (A) If voltage is present on the incoming terminal of the hi-limit thermostat, but not on the outgoing terminal, replace the hi-limit thermostat. <br> (B) Check voltage between black and white wire on the receptacle. If voltage is not present check outlet or circuit breaker. <br> (C) If voltage is not present on the incoming terminal of the hi-limit thermostat, replace the main thermostat. |
| :---: | :---: | :---: | :---: |
| DRIPPING | 1. Not siphoning properly. <br> 2. Automatic Models: Solenoid valve not seating properly. <br> 3. Faucet Models: Faucet coil is leaking. | 1. Water should flow freely from the sprayhead. <br> 2. Solenoid valve assembly. <br> 3. Hot water coil. | 1. (A) Clean sprayhead holes. <br> (B) Check tightness of sprayhead tube. <br> (C) See "LIMING" , Page 6. <br> 2. Be sure spring is in place and any particles are cleaned from valve seat. If valve seat is worn or mutilated, replace solenoid valve. <br> 3. Tighten fittings or replace coil. |
| STEAMING OR SPITTING AROUND FUNNEL | 1. Main thermostat. <br> 2. High altitude. | 1. Thermostat points stuck or out of calibration. <br> 2. Located above 5,000 feet. | 1. (A) Adjust thermostat. <br> (B) Thermostat should be calibrated or replaced. <br> 2. See "INSTALLATION INSTRUCTIONS", Page 2.. |
| WEAK COFFEE / DRY COFFEE REMAINING IN BREW BASKET AFTER BREWING | 1. Filters. <br> 2. Not siphoning properly. <br> 3. Improper loading of the brew basket. | 1. Are correct filters being used. <br> 2. Refer to "DRIPPING", Step I <br> 3. Filter and coffee in brew basket. | 1. Insert correct filter. <br> 2. Refer to "DRIPPING", Step 1. <br> 3. Filter should be centered in the brew basket and coffee bed should be level |
| CONDENSATION ON INSIDE OF CABINET | 1. Tank lid gasket. <br> 2. Sprayhead tube ass'y. <br> 3. Thermostat grommet. <br> 4. Receiving pan nut. <br> 5. Main thermostat set above 210 degrees. | 1. Nicks or cuts in the gasket <br> 2. Tightness of ass'y to lid. <br> 3. Tight fit. Nicks or cuts. <br> 4. Receiving pan nut loose <br> 5. Check thermostat calibration. | 1. Replace gasket. <br> 2. Tighten spraybead tube ass'y to tank lid. <br> 3. Adjust or replace grommet. <br> 4. Tighter nut. <br> 5. Calibrate or replace thermostat. |
| COLD WARMER STATION | 1. Warmer - defective. <br> 2. Warmer ON/OFF Switch. <br> 3. Bad hamess | 1. Voltage at warmer terminals should be 120 volts AC. <br> 2. If voltage is not present on warmer terminals, check continuity of switch. <br> 3. Check connections between hamess and switch, and between switch and warmer. | 1. If voltage is present on terminals, but warmer will not heat, replace wamer. <br> 2. If switch does not make and break continuity when turned off, replace switch. <br> 3. All connections should be tight. |

TROUBLE SHOOTING GUIDE

| SYMPTOM | POSSIBLE CAUSE | WHAT TO CHECK | REMEDY |
| :---: | :---: | :---: | :---: |
| IRREGULAR YIELD | 1. Not siphoning properly. <br> Steps 2 thru 8 refer to Automatic Models <br> 2. Timer. <br> 3. Fluctuating water pressure. <br> 4. Solenoid valve. <br> 5. Flow washer. <br> 6. Flow control screen. <br> 7. Faucet coil is leaking. <br> 8. Strainer. | 1. Refer to "DRIPPING", Step 1. <br> 2. Timer consistency. Time several brew cycles. <br> 3. Water pressure. <br> 4. Refer to "DRIPPING", Step 2. <br> 5. Possible lime build up in flow control. <br> 6. Screen built into flow control. <br> 7. Refer to "DRIPPING", Step 3. <br> 8. Water pressure at output. | 1. Refer to "DRIPPING", Step 1. <br> 2. If times are iregular, replace timer. <br> 3. If pressure fluctuates $10-20 \mathrm{PSI}$ during operation of brew cycle, add a pressure regulator to inlet side of brewer, set to lowest pressure level registered. Adjust timer to yield correct water level. <br> 4. Refer to "DRIPPING", Step 2. <br> 5. Replace flow washer and clean lime from flow contral. <br> 6. Replace or clean screen. Clean lime from flow control. <br> 7. Refer to "DRIPPING", Step 3. <br> 8. If pressure is low, clean or replace strainer. |
| WATER KEEPS RUNNING (AUTOMATIC MODELS) | 1. Solenoid valve. <br> 2. Start switch. <br> 3. Timer | 1. Refer to "DRIPPING", Step 1. <br> 2. Remove wires from switch and check continuity. <br> 3. Solid state timers are not repairable. If timer will not shut off, replace timer. | 1. Refer to "DRIPPING", Step 1. <br> 2. If start switch does not make and break contact, switch should be replaced. <br> 3. Replace timer. |
| CAN'T START BREW CYCLE (AUTOMATIC MODELS) | 1. No water. <br> 2. No power. <br> 3. ON/OFF switch. <br> 4. Brew start switch. <br> 5. Timer or timer harness. <br> 6. Solenoid valve. | 1. Incoming water lines \& water shut off valve. <br> 2. Fuse or circuit breaker. <br> Power cord and plug connections. <br> 3. Switch continuity. (Normally open.) <br> 4. Switch continuity. (Normally closed.) <br> 5. Wire leads to solenoid and black 3-pin connector. <br> 6. (A) Voltage at solenoid valve terminals. Start a brew cycle and check for 120 volts AC. (B) If voltage is present at terminals, check for water at line pressure on the inlet side of solenoid valve. | 1. Be sure water shut off is open. <br> 2. Replace or reset circuit protector <br> 3. If $\mathrm{ON} / \mathrm{OFF}$ switch does not make and break contact, replace ON/OFF switch. <br> 4. If brew siart switch does not make and break contact, replace brew start switch. <br> 5. Make sure these connections are tight. If so, and all else checks out OK , replace timer. <br> 6. (A) If voltage is not present at terminals, refer to steps 2 through 5 . <br> (B) If voltage is present at terminals and water at line pressure is present on the inlet side of the solenoid, but not present on the outgoing side, replace solenoid. |
| SOLENOID CHATTER OR HOWLING (AUTOMATIC MODELS) | 1. Brewer connected to hot water line. <br> 2. Vibration <br> 3. High water pressure. <br> 4. Water hammer. <br> 5.60 cycle vibration. | 1. Incoming water line. <br> 2. If brewer is on a metal stand or counter, neither the bottom pan nor copper tubing to the brewer should touch the counter <br> 3. Water pressure on incoming line. <br> 4. Incoming plumbing. <br> 5. Nut on top of solenoid. | 1. Brewer should be connected to cold water line. <br> 2. Adjust as necessary. <br> 3. If water pressure is over 90 PSI install a pressure regulator and adjust to 50 PSI . <br> 4. This not the fault of the brewer and can usually be corrected by rearranging some plumbing or adding an air chamber to the incoming water line. <br> 5. Nut should be tight. Tighten as required. |

TROUBLE SHOOTING GUIDE CONTINUED

| SYMPTOM | POSSIBLE CAUSE | WHAT TO CHECK |  |
| :--- | :--- | :--- | :--- |
| FAUCET DRIPPING <br> (FAUCET MODELS) | 1. Clogged valve seat. | REMEDY |  |
| FAUCET WATER FLOW TOO <br> FAST OR TOO SLOW <br> (FAUCET MODELS) | 1. No water. seat. | 1. Disassemble and clean or replace as <br> required. |  |

## COMPONENT REPLACEMENT INSTRUCTIONS

## CAUTION: DISCONNECT BREWER CORD FROM ELECTRICAL OUTLET BEFORE REMOVAL OF ANY PANEL OR REPLACEMENT OF ANY COMPONENT!

## NOTE: IN CANADA REPAIRS ARE TO BE DONE BY CERTIFIED ELECTRICIAN OR BREWER MUST BE RE INSPECTED TO MAINTAIN APPLICABLE CERTIFICATION

These steps apply to replacement of tank, tank heater, faucet coil, and hi-limit or main thermostat.

1. Remove sprayhead and sprayhead nut by unscrewing in counter clockwise direction.
2. Remove brewer lid. Disconnect electrical connectors from upper warmer plate if applicable.
3. Remove slotted receiving pan nut. Remove receiving pan by raising the front of the pan while simultaneously pulling forward to clear the inlet tube.
4. Disconnect electrical terminals connected to tank element. Disconnect black lead from main thermostat.
5. Disconnect the inlet to coil and coil to faucet tubes from attached fittings, if applicable.
6. Lift tank completely out of brewer.

## TANK ASSEMBLY

7. To install new tank ass'y, reverse steps 6 through 1 above.

## THERMOSTAT, HI-LIMIT

1. Disconnect wires to hi-limit thermostat.
2. Lift retaining spring slightly to remove old hi-limit thermostat.
3. Check continuity of the new hi-limit thermostat before installing.
4. Slide new hi-limit thermostat into place under the retaining spring. Reconnect wire leads
5. Insure that hi-limit thermostat is securely mounted \& all electrical connections are tight and isolated.

## THERMOSTAT, MAIN

1. Remove two screws which secure thermostat to bracket.
2. Remove grommet from top of tank lid by pressing up with thumb. Pull capillary bulb out through hole.
3. Disconnect thermostat wires.
4. Installation is reverse of removal.

## ELEMENT, TANK HEATING

1. Remove the 8 tank lid retaining nuts. Lift tank lid assembly out of tank.
2. Disconnect wire leads from the tank element.
3. Remove the 2 brass nuts, on top side of tank lid, from tank element. Remove element.
4. Install the new tank heating element, washers, and nuts. Tighten securely to insure proper sealing.
5. Inspect tank lid gasket and replace if necessary.
6. Assemble by reversing steps 2 through 1.

## COMPONENT REPLACEMENT INSTRUCTIONS, CONTINUED

## HOT WATER COIL (FAUCET MODELS)

1. Remove the 8 tank lid retaining nuts. Lift tank lid assembly out of tank.
2. Remove the 2 compression nuts from top of hot water coil and remove old coil.
3. Installation is reverse of removal.

## WARMER ELEMENT

1. Remove retaining screws from warmer plate.
2. Lift plate and disconnect leads.
3. Remove nuts and washers holding retaining plate and warmer element to plate.
4. Installation is reverse of removal.

## FAUCET ASSEMBLY

1. Follow steps 1-3 above for removing receiving pan.
2. Disconnect tank to faucet water line from faucet fitting.
3. Remove stainless steel nut and washer from faucet fitting.
4. Pull out faucet ass'y from front of brewer. Reverse steps for installation of new faucet.

## TIMER ASSEMBLY

1. Disconnect timer plug from timer.
2. Remove retaining screws from timer.
3. Remove timer.
4. Installation is reverse of removal.

## SOLENOID

1. Disconnect wire leads from solenoid coil.
2. Disconnect brass fitting from inlet side of solenoid assembly.
3. Disconnect brass fitting from outlet side of solenoid assembly.
4. Remove solenoid.
5. Install solenoid insuring proper flow:

Solenoid with an arrow - arrow points toward left side of brewer.
Solenoid with ports labeled IN and OUT - IN port connected to incoming water line.
6. Installation is reverse of removal.

## FLOW CONTROL

1. Disconnect lower brass fitting on flow body.
2. Disconnect upper brass fitting on flow body.
3. Remove flow body.
4. Install flow body insuring arrow points towards the top of the brewer.
5. Installation is reverse of removal.

## BREW START AND WARMER SWITCHES

1. Remove wire leads from terminals on switch.
2. Remove switch by pressing tabs in while pushing switch out towards front of brewer.
3. Installation is reverse of removal.

## LIMING

To prevent liming problems in tank fittings remove sprayhead and insert deliming spring all the way into the tank. When inserted into tank properly, no more than ten inches of the spring should be visible at the spray head fitting. Saw back and forth five or six times. This will keep fittings open and clear of lime. In hard water areas this should be done everyday. This process takes approximately one minute. In all areas the sprayhead should be cleaned at least once a week. Where bad liming has already occurred, a new complete tank assembly may be installed. The tank may be changed in approximately 5 minutes time.

## GK SERIES PARTS LIST - (See pictorial on fold out page)

| Index | Part No D | Description | Index | Part No | Description |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 705229 | GKF-1 cover, assembly | 36 | 705634 | GK front panel, dual |
| 1 | 705414 | GKF-2 cover, assembly | 37 | 705224 | Brace, front panel, single |
| 1 | 705420 | GKF-3 cover, assembly | 37 | 705632 | Brace, front panel, dual |
| 1 | 705591 | GKDF-2 cover assembly | 38 | 701279 | Rail, L.H. |
| 1 | 705592 | GKDF-4 cover assembly | 39 | 701280 | Rail, R.H. |
| 1 | 705541 | GKDF-6 cover assembly | 40 | 705295 | Brew basket assembly, black |
| 1 | 705414 | GK 1 station cover ass'y w/ pour in | 41 | 700464 | Base ass'y, single |
| 1 | 705420 | GK 2 station cover ass'y w/ pour in | 41 | 700480 | Base ass'y, dual |
| 2 | 100010 | Warming plate assembly, black, 100 W 120 V | 42 | 100010-10 | Warming plate assembly, black, 120W 120 V |
| 3 | 100008 | Plate, black porcelain | 43 | 202053 | Element, warmer 120W 120 V |
| 4 | 100187 | Element, warmer 100W 120 V | 44 | 700454 | Base top, single |
| 5 | 100086 | Support plate, warming element | 44 | 700449 | Base top, dual |
| 6 | 100197 | Tinnerman clip, \#8 | 45 | 700459 | Base trim plate, single |
| 7 | 700198 | Dust cover, front pour in | 45 | 700460 | Base trim plate, dual |
| 8 | 700186 | Wire for dust cover | 46 | 700456 | Base bottom, single, spotwelded |
| 9 | 705401 | GK automatic tank ass'y 1700W 120V | 46 | 700451 | Base bottom, dual, spotwelded |
| 9 | 705402 | GK faucet tank ass'y 1700W 120V | 47 | 100078 | Foot, bumper with screw |
| 9 | 705403 | GK pour over tank ass'y 1700W 120 V | 48 | 704103 | Tinnerman nut, retainer |
| 9 | 705408 | GK automatic tank ass'y 2500 W 240 V | 49 | 100542 | Leg, black plastic 4" |
| 9 | 705660 | GK faucet tank ass'y $2500 \mathrm{~W} 240 \mathrm{~V}, \mathrm{~L} . \mathrm{H}$. | 50 | 100003 | Snap bushing, 3/4, plastic |
| 9 | 705661 | GK faucet tank ass'y $2500 \mathrm{~W} 240 \mathrm{~V}, \mathrm{R} . \mathrm{H}$. | 51 | 701200 | Slotted hex nut, 3/4-16, brass |
| 9 | 705677 | GK pour over tank ass'y 2500 W 240 V | 52 | 700015 | Washer, 1" OD x 3/4, S/S |
| 10 | 704223 | Bushing, siphon cup | 53 | 700060 | Basin, pour in |
| 11 | 704222 | Gasket, delivery tube, 3 hole | 54 | 700016 | Gasket, 1.062 OD X .578, silicone |
| 12 | 700069 | Sprayhead tube assembly | 55 | 100025 | Gasket, sprayhead |
| 13 | 100175 | Grommet, thermostat, silicone | 56 | 100190 | Jam nut, 1/2-20, brass |
| 14 | 705595 | Copper tube 1/4"OD $\times 11.38^{\prime \prime}$ | 57 | 100143 | Bracket, hi-limit thermostat |
| 15 | 705381 | Tube, $1 / 4^{\prime \prime}$ OD $\times 4.0^{\prime \prime} \times 10.75^{\prime \prime}$, copper | 58 | 767110 | Valve, needle, angle, 1/4 flare |
| 16 | 102299 | Main thermostat, knob type | 59 | 100633 | Hi-limit thermostat, manual reset |
| 17 | 100177 | Elbow, male 1/4F x $1 / 8$ | 59 | 100174 | Hi-limit thermostat, auto reset |
| 18 | 705398 | GK automatic tank lid ass'y 1700W 120 V | 60 | 101720 | Connector, 3/8C x $1 / 8 \mathrm{P}$, female |
| 18 | 705400 | GK faucet tank lid ass'y 1700W 120 V | 61 | 100030 | Gasket, $566^{\prime \prime} \mathrm{D} \times .811^{\prime \prime} \mathrm{OD}$, brass |
| 18 | 705399 | GK pour over tank lid ass'y 1700W 120 V | 62 | 100409 | Gasket, 515 "D $\times .811^{\prime \prime} \mathrm{OD}$, brass |
| 18 | 705405 | GK automatic lid ass'y 2500 W 240 V | 63 | 100431 | Nut, 9/16-24, brass |
| 18 | 705659 | GK faucet tank lid ass'y $2500 \mathrm{~W} 240 \mathrm{~V}, \mathrm{~L} . \mathrm{H}$. | 64 | 704221 | Gasket, tank, silicone |
| 18 | 705658 | GK faucet tank lid ass'y $2500 \mathrm{~W} 240 \mathrm{~V}, \mathrm{R} . \mathrm{H}$. | 65 | 704119 | Tank only |
| 18 | 705678 | GK pour over tank lid ass'y 2500 W 240 V | 66 | 705379 | Tube, 13" discharge, S/S |
| 19 | 705214 | GK automatic / pour over tank lid, spotwelded | 67 | 705208 | GK rear panel, single |
| 19 | 705218 | GK faucet tank lid, spotwelded | 67 | 705635 | GK rear panel, dual |
| 20 | 705198 | Bracket, main thermostat | 68 | 705197 | Cabinet shell ass'y, single |
| 21 | 100043 | Thermostat knob | 68 | 705639 | Cabinet shell ass,y, dual |
| 22 | 771031 | Coil assembly | 69 | 102126 | Power cord, 12/3, 120V 20A |
| 23 | 704155 | Main Element, 1700W 120V | 69 | 100072 | Power cord, 10/4, 240V 30A |
| 23 | 704144 | Main Element, 2500 W 240 V | 70 | 100547 | Strain relief, 120V 20A |
| 24 | 100176 | Connector, male, 1/4F-1/4F | 70 | 511054 | Strain relief, 240 V |
| 25 | 511046 | Washer, 7/16" int tooth S/S | 71 | +02126 | Cord plate, 120 V 20 A - 3 Hols |
| 26 | 100281 | Plug, 3/8', plastic | 71 | 511007 | Cord plate, 240 V |
| 27 | 700519 | Switch plate, GKF-1 | 72 | 100163 | Terminal block, 120 V |
| 27 | 700522 | Switch plate, GKF-3 | 72 | 511053 | Terminal block, 240 V |
| 27 | 700406 | Switch plate, GKDF-2 | 73 | 511023 | Nut, 7/16-20, 11/16 hex, brass |
| 27 | 700329 | Switch plate, GKDF-4 | 74 | 705228 | Snap bushing, 1-1/8", plastic |
| 27 | 700328 | Switch plate, GKDF-6 | 75 | 705337 | Tube, 1/4" OD x 1.437", S/S |
| 28 | 100058 | Nameplate, NEWCO | 76 | 511063 | Flow control assembly |
| 29 | 100145-10 | 0 Faucet, Tomlinson with tlare | 77 | 705338 | Tube, $1 / 4^{\prime \prime}$ OD $\times 1.21^{\prime \prime} \times 1.50^{\prime \prime}, \mathrm{S} / \mathrm{S}$ |
| 30 | 100085 | Rocker switch, ON/OFF, lighted | 78 | 100161 | Tube, $1 / 4^{\prime \prime}$ OD x $88^{\prime \prime}$, copper |
| 31 | 201985 | Start switch, rectangular | 79 | 704190 | Melitta adapter, single, spotwelded |
| 32 | 201162 | Switch, toggle | 79 | 700471 | Melitta adapter, dual, spotwelded |
| 32 | 100131 | Nut, toggle switch | 80 | 201132 | Tee, 1/4" flare |
| 33 | 704140 | Timer, Multi Brew | 81 | 705390 | Solenoid assembly |
| 34 | 201173 | Nut, sprayhead | 82 | 100255 | Valve, solenoid |
| 35 | 100024 | Sprayhead, 5 hole | 83 | 100154 | Connector, male, 1/4"F x 1/8" |
| 36 | 705210 | GK front panel, single | 84 | 705596 | Tube, solenoid supply, copper |

## WIRING DIAGRAMS



Newco Enterprises, Inc. * 1735 South River Rd. * P.O. Box 852 * St. Charles, MO 63303



