

# Infusion Series<sup>®</sup> ITCB Tea & Coffee Brewer



# **ILLUSTRATED PARTS CATALOG**

Designs, materials, weights, specifications, and dimensions for equipment or replacement parts are subject to change without notice.

**Bunn-O-Matic Corporation** 

Post Office Box 3227, Springfield, Illinois 62708-3227 Phone (217) 529-6601 | Fax (217) 529-6644

#### **BUNN-O-MATIC COMMERCIAL PRODUCT WARRANTY**

Bunn-O-Matic Corp. ("BUNN") warrants equipment manufactured by it as follows:

- 1) Airpots, thermal carafes, decanters, GPR servers, iced tea/coffee dispensers, MCR/MCP/MCA single cup brewers, thermal servers and ThermoFresh<sup>®</sup> servers (mechanical and digital) 1 year parts and 1 year labor.
- 2) All other equipment 2 years parts and 1 year labor plus added warranties as specified below:
  - a) Electronic circuit and/or control boards parts and labor for 3 years.
  - b) Compressors on refrigeration equipment 5 years parts and 1 year labor.
  - c) Grinding burrs on coffee grinding equipment to grind coffee to meet original factory screen sieve analysis parts and labor for 4 years or 40,000 pounds of coffee, whichever comes first.

These warranty periods run from the date of installation BUNN warrants that the equipment manufactured by it will be commercially free of defects in material and workmanship existing at the time of manufacture and appearing within the applicable warranty period. This warranty does not apply to any equipment, component or part that was not manufactured by BUNN or that, in BUNN's judgment, has been affected by misuse, neglect, alteration, improper installation or operation, improper maintenance or repair, non periodic cleaning and descaling, equipment failures related to poor water quality, damage or casualty. In addition, the warranty does not apply to replacement of items subject to normal use including but not limited to user replaceable parts such as seals and gaskets. This warranty is conditioned on the Buyer 1) giving BUNN prompt notice of any claim to be made under this warranty by telephone at (217) 529-6601 or by writing to Post Office Box 3227, Springfield, Illinois 62708-3227; 2) if requested by BUNN, shipping the defective equipment prepaid to an authorized BUNN service location; and 3) receiving prior authorization from BUNN that the defective equipment is under warranty. **THE FOREGOING WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTY, WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF EITHER MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The agents, dealers or employees of BUNN are not authorized to make modifications to this warranty or to make additional warranties that are binding on BUNN. Accordingly, statements by such individuals, whether oral or written, do not constitute warranties and should not be relied upon.** 

If BUNN determines in its sole discretion that the equipment does not conform to the warranty, BUNN, at its exclusive option while the equipment is under warranty, shall either 1) provide at no charge replacement parts and/or labor (during the applicable parts and labor warranty periods specified above) to repair the defective components, provided that this repair is done by a BUNN Authorized Service Representative; or 2) shall replace the equipment or refund the purchase price for the equipment.

# THE BUYER'S REMEDY AGAINST BUNN FOR THE BREACH OF ANY OBLIGATION ARISING OUT OF THE SALE OF THIS EQUIPMENT, WHETHER DERIVED FROM WARRANTY OR OTHERWISE, SHALL BE LIMITED, AT BUNN'S SOLE OPTION AS SPECIFIED HEREIN, TO REPAIR, REPLACEMENT OR REFUND.

In no event shall BUNN be liable for any other damage or loss, including, but not limited to, lost profits, lost sales, loss of use of equipment, claims of Buyer's customers, cost of capital, cost of down time, cost of substitute equipment, facilities or services, or any other special, incidental or consequential damages.

392, A Partner You Can Count On, Air Infusion, AutoPOD, AXIOM, BrewLOGIC, BrewMETER, Brew Better Not Bitter, Brew-WISE, BrewWIZARD, BUNN Espress, BUNN Family Gourmet, BUNN Gourmet, BUNN Pour-O-Matic, BUNN, BUNN with the stylized red line, BUNNlink, Bunn-OMatic, Bunn-O-Matic, BUNNserve, BUNNSERVE with the stylized wrench design, Cool Froth, DBC, Dr. Brew stylized Dr. design, Dual, Easy Pour, EasyClear, EasyGard, FlavorGard, Gourmet Ice, Gourmet Juice, High Intensity, iMIX, Infusion Series, Intellisteam, My Café, Phase Brew, PowerLogic, Quality Beverage Equipment Worldwide, Respect Earth, Respect Earth with the stylized leaf and coffee cherry design, Safety-Fresh, savemycoffee.com, Scale-Pro, Silver Series, Single, Smart Funnel, Smart Hopper, SmartWAVE, Soft Heat, SplashGard, The Mark of Quality in Beverage Equipment Worldwide, ThermoFresh, Titan, trifecta, TRIFECTA (stylized logo), Velocity Brew, Air Brew, Beverage Bar Creator, Beverage Profit Calculator, Brew better, not bitter., Build-A-Drink, BUNNSource, Coffee At Its Best, Cyclonic Heating System, Daypart, Digital Brewer Control, Element, Milk Texturing Fusion, Nothing Brews Like a BUNN, Picture Prompted Cleaning, Pouring Profits, Signature Series, Sure Tamp, Tea At Its Best, The Horizontal Red Line, Ultra are either trademarks or registered trademarks of Bunn-O-Matic Corporation. The commercial trifecta<sup>®</sup> brewer housing configuration is a trademark of Bunn-O-Matic Corporation.

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ITCB-DV	Dual Voltage Machine
ІТСВА	

Fraction	Decimal	Fraction	Decimal
1/16	0.063	9/16	0.563
1/8	0.125	5/8	0.625
3/16	0.188	11/16	0.688
1/4	0.250	3/4	0.750
5/16	0.313	13/16	0.813
3/8	0.375	7/8	0.875
7/16	0.438	15/16	0.938
1/2	0.500	1	1.000

#### TIPS:

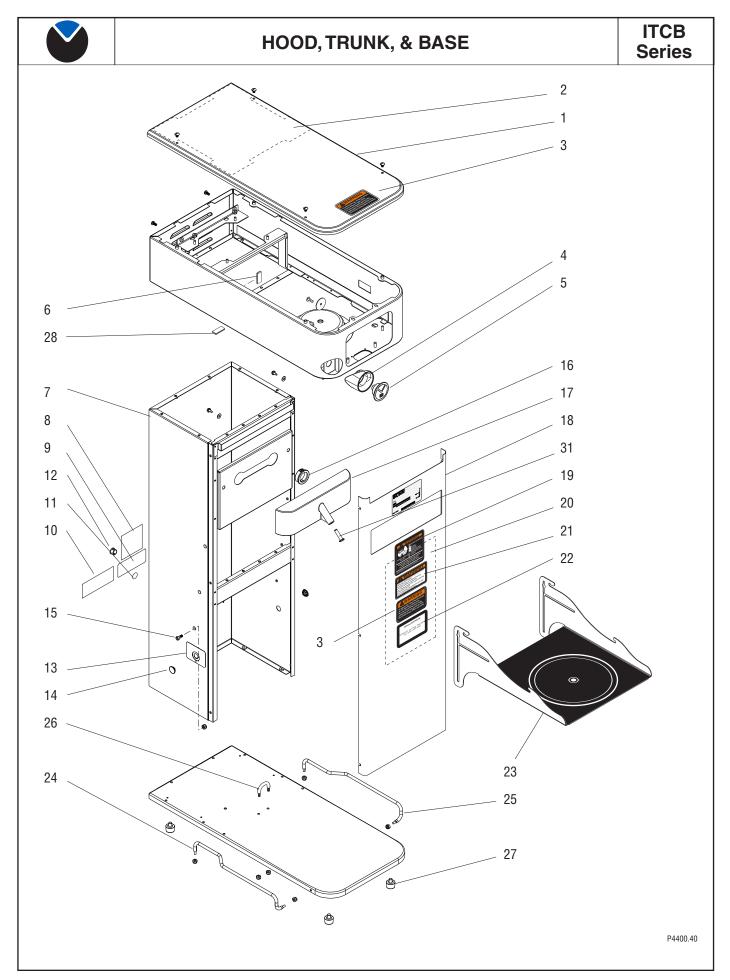
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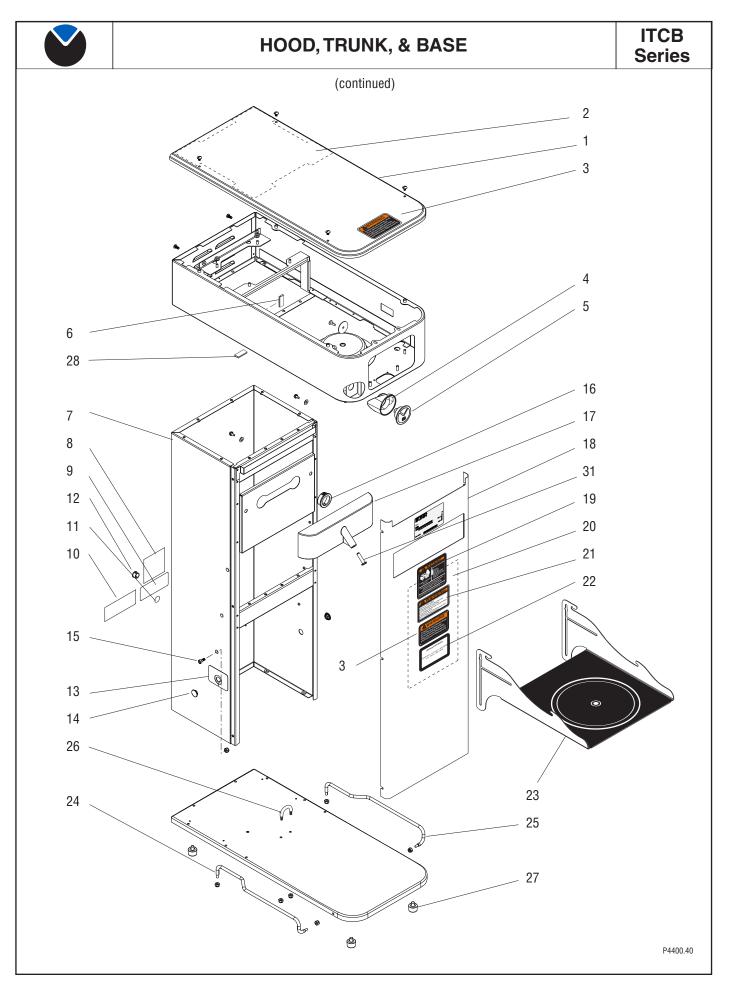
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# HOOD, TRUNK, & BASE

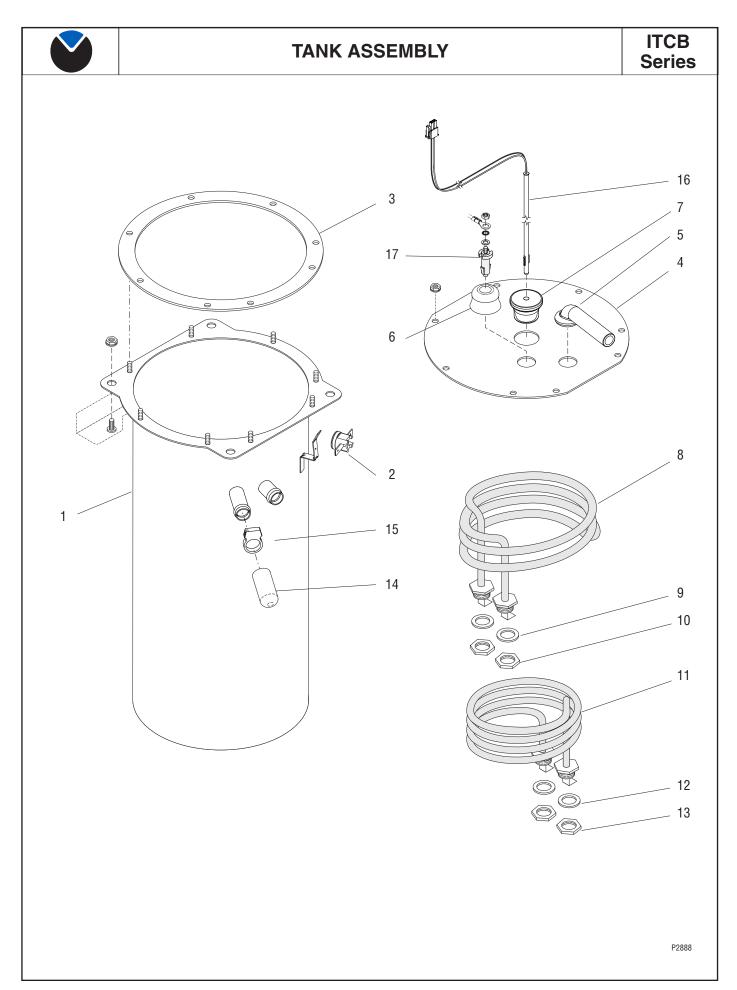
			HOOD, HIOHIN, & BAOL
ITEM	PART NO.	QTY.	DESCRIPTION
1	44736.1025 01311.0004	1 4	Cover Assy, Top (Includes items 2 & 3) Screw, Truss Head, BLK #6-32 x .25" Lkg
2		1	Shield, Insulator
3	37881.0000	2	Decal, No Serviceable Parts
4	52896.0000	1	Faucet Bezel
5	53619.0000 33651.0000 01317.0003	1 1 1	Plug, Faucet Hole Washer Screw, Truss Head  #8-32 x .50″ Lkg
6		1	Gasket, U-channel, 2.0" (Order item 29)
7	45860.1015 01315.0000	1 6	Trunk Assy. (Includes items 8, 9, 10 & 13) Screw, Truss Head #8-32 x .38"
8	00986.0000	1	Decal, Warning-Electrical
9	51453.0000	1	Decal, Risk of Fire
10	00656.0001	1	Decal, Compliance to Plumbing Code
11	00824.0001	1	Decal, Equipotentiality (230V Models)
12	00669.0002	1	Plug
13	29007.0005	2	Decal, Hot Water Side Faucet
14	00619.0002	2	Plug
15	20621.0001 29504.0005 00991.0000	6 6 6	Plug (Models without Tray) Screw, Shoulder Nut, Elastic Lock #8-32
16	01592.0001	1	Bushing
17	36360.1001 02332.0005 28614.0000	1 2 2	Nozzle, Dilution Screw, Hex #6-32 x .38" Washer
18	53870.1000 01315.0000	1 6	Cover Assy, Front (Includes items 2, 19, 21, 22) Screw, Truss Head #8-32 x .38"
19	00658.0000	1	Decal, Warning-Decanter/Funnel
20	53869.0000 53869.0001	1 1	Schematic, ITCB-DV Schematic, ITCBA
21	39175.0000	1	Decal, Warning Overlay Graphic
22	29710.0009	1	Decal, Optional Field Wiring (Dual Volt Models only)
23	38511.0019	1	Flip Tray w/ Clear Coat (Models with Flip Tray)
	38578.0000		Decal No Skid (optional) Not Pictured

(continued)



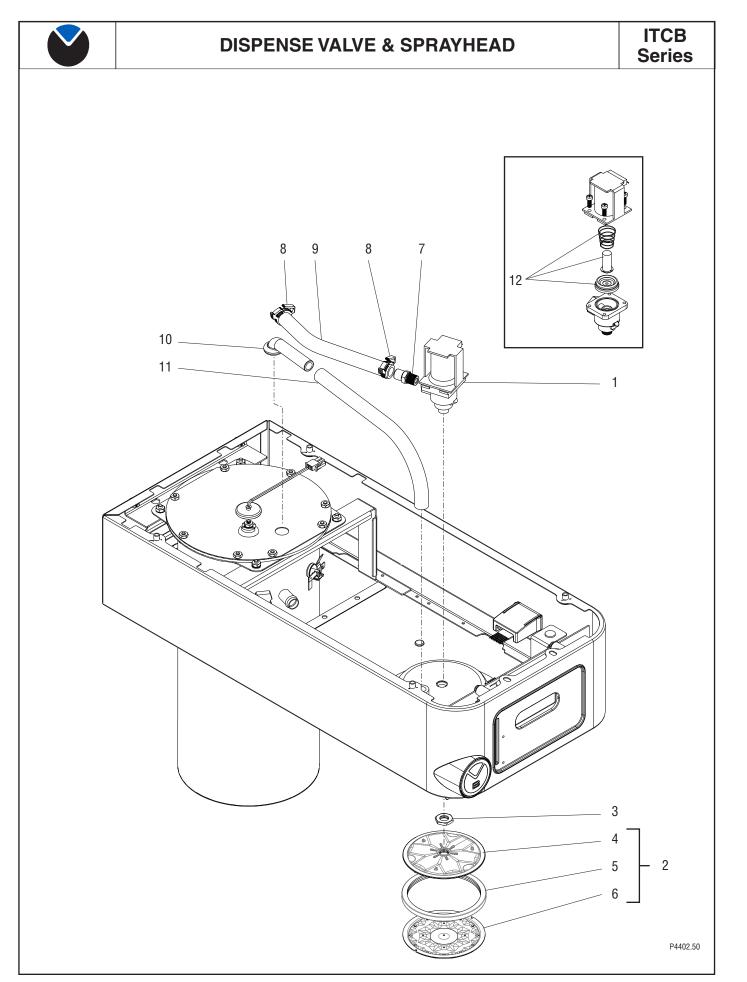
# HOOD, TRUNK, & BASE

ITEM	PART NO.	QTY.	DESCRIPTION
24	36461.0001 00991.0000	1 2	Guide Rail, Left Nut, Elastic Lock #8-32
25	36462.0001 00991.0000	1 2	Guide Rail, Right Nut, Elastic Lock #8-32
26	36412.0000 00991.0000	1 2	Rail, Stop Nut, Elastic Lock #8-32
27	25137.0001 24600.0000	4 -	Foot Foot Kit, Set of 4
28		1	Edging 1.0" (Oreder item 30)
29	02434.1000	-	Gasket, U-channel, 18.0" (Use as Required)
30	02712.1000	-	Edging 18.0" (Use as Required)
31	42507.0000	1	Fitting, Press In (Models with Sweet Brew Option)



#### TANK ASSEMBLY

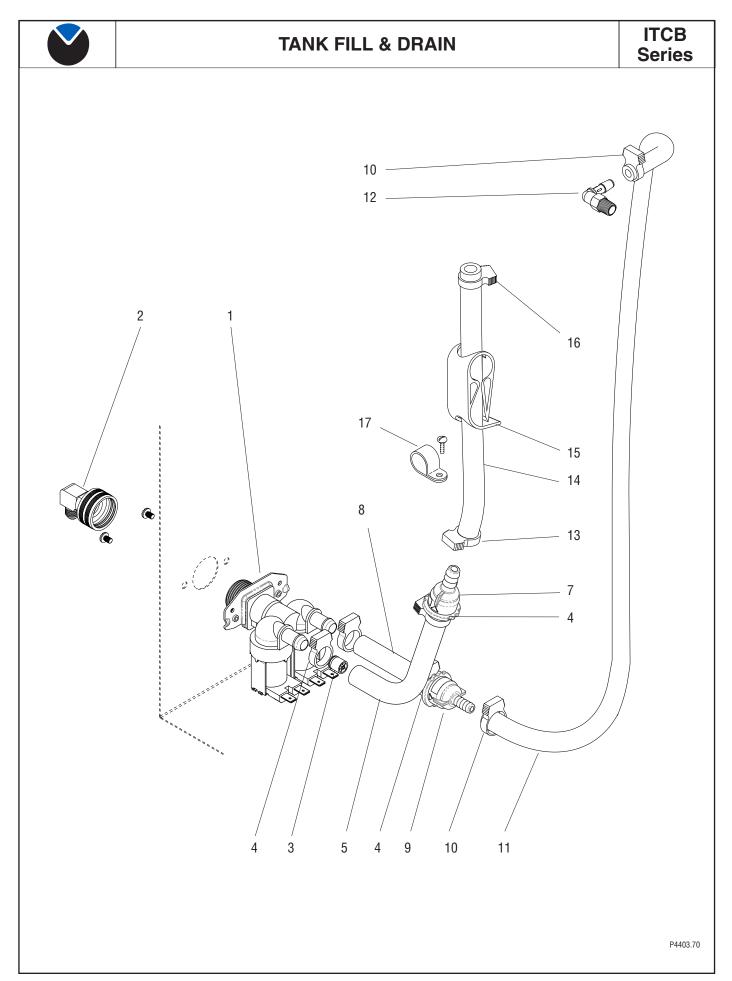
ITEM 1	PART NO. 33937.0004 33937.0003 00970.0000 01501.0000 20203.0100 00908.0000	QTY. 1 3 1 1 1	DESCRIPTION Tank (Models ITCB-DV) Tank (Models ITCBA, 230V) Nut, Hex #8-32 Washer Lockwasher, Internal-tooth #8 Nut, Hex #8-32	
2	29329.1000	1	Limit Thermostat	
3	04221.0000	1	Gasket	
4	28735.0000 00908.0000	1 8	Lid Nut, Hex #8-32	
5	38969.0003	1	Fitting, 90° Silicone	
6	38114.0000	1	Grommet, Liquid Level Probe	
7	33801.0003	1	Grommet, Temp. Sensor	
8	29485.1004 05037.1000	1 1	Tank Heater 1800W, 120V (Includes item 9) (Models ITCB-DV) Tank Heater 3500W, 230V (Includes item 9) (Models ITCBA, 230V)	
9	00943.0000	2	Gasket	
10	00942.0000	2	Nut, Hex .50"-20	
11	02755.1002	1	Tank Heater 1680W, 120V (Includes item 12) (Models ITCB-DV)	
12	00943.0000	2	Gasket	
13	00942.0000	2	Nut, Hex .50"-20 (4 Used on DV Models)	
14	29279.0000	1	Cap, Tube-Silicone – Models without Faucet only	
15	12422.0005	1	Clamp, Hose-Snap Type .62"71" ID	
16	39085.1001	1	Probe Kit, Temperature and Dry Plug	
17	07412.1002 07412.1003 01501.0000 20203.0100 00908.0000	1 1 1 1	Probe, Liquid Level (Regular Dispense) Probe, Liquid Level (Sweet Brew Dispense) Washer Lockwasher, Internal-tooth #8 Nut, Hex #8-32	



#### **DISPENSE VALVE & SPRAYHEAD**

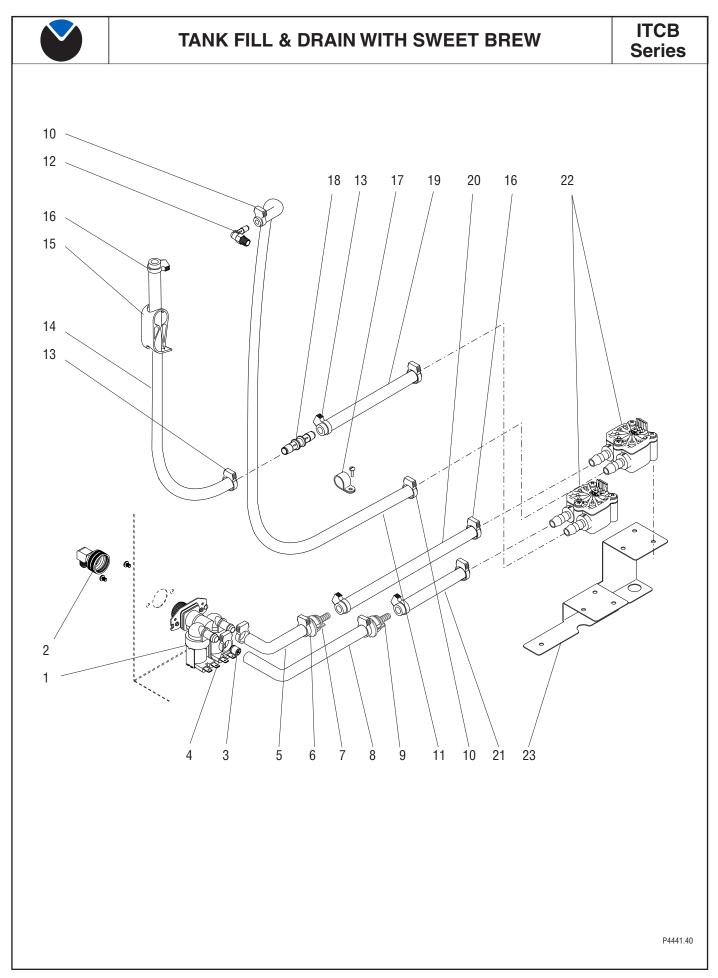
ITEM	PART NO.	QTY.	DESCRIPTION
1	26846.0000 26846.0002 11517.0008 23255.0000 23254.0000 23256.0000 56771.0002 56815.0000 56816.0000 22305.0001 22305.0002	2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - - 2 - - - 2 - - - 2 - - - 2 - - - 2 - - - 2 - - - 2 - - - 2 - - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - 2 - - - 2 - - - - - - - -	1 Valve Assembly, Sprayhead 120V (Discontinued, use 56771.0000)   1 Valve Assembly, Sprayhead 240V (Discontinued, use 56771.0002)   - Repair Kit (Includes plunger, spring & diaphragm)   - Diaphragm Only   4 Screw   1 Spacer Plate   1 Valve Assembly, Sprayhead 120V   1 Valve Assembly, Sprayhead 120V   1 Valve Assembly, Sprayhead 240V   - Repair Kit (Includes plunger, spring & diaphragm)   - Diaphragm Only   1 Valve Assembly, Sprayhead 240V   - Repair Kit (Includes plunger, spring & diaphragm)   - Diaphragm Only   1 Coil 120VAC (used in both styles)   1 Coil 240VAC (used in both styles)
2	40670.1222	1	Sprayhead, 17 Hole (Includes items 4,5 & 6)
3	01075.0000	1	Nut, Hex .438"-20
4	52112.0003	1	Back, Sprayhead
5	34868.0000	1	Seal
6	43920.0005	1	Sprayhead, 17 Hole
7	34956.0004	1	Fitting
8	12422.0009	2	Clamp, SNP-14
9		1	Tube .50" ID x 7.88" (Order item 13)
10	38969.0003	1	Fitting, 90° Silicone
11		1	Tube .50" ID x 12.0" (Order item 13)
12	11517.0008	1	Repair Kit, Dispense Valve (Includes Plunger, Spring and Diaphragm)
The follow	ving items are not i	lustrated.	

13	32591.1001	1	Tube .50" ID x 12.0" (Use as required)
	32591.1002	1	Tube .50" ID x 36.0" (Use as required)



#### **TANK FILL & DRAIN**

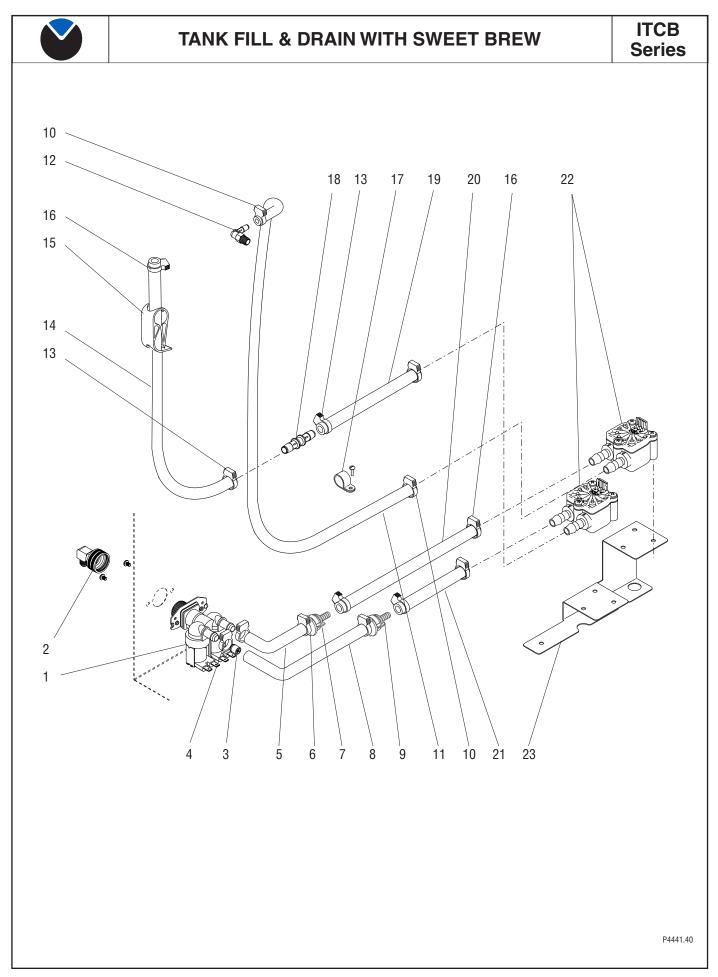
			-
ITEM	PART NO.	QTY.	DESCRIPTION
1	41761.0000 41761.0008 32283.0000	1 1 2	Valve, Water Inlet 120V Valve, Water Inlet 230V Screw, Pan Head M4 x 6mm
2	37297.1006	1	Elbow
3	36378.0001	1	Check Valve
4	12422.0005	4	Clamp, Hose-Snap .62/.71 ID
5		1	Hose, Flex .375" ID x 6.0" (Oreder item 18)
6	21275.0003	2	Clamp
7	41595.0010	1	Flow Assy
8		1	Hose, Flex .375" ID x 3.0" (Oreder item 18)
9	41595.0011	1	Flow Assy
10	12422.0000	2	Clamp
11		1	Tube, Silicone .25" ID x 28.0" (Oreder item 19)
12	47355.0001	1	Elbow
13	12422.0001	1	Clamp
14		1	Tube, Silicone .375" ID x 20.0" (Oreder item 20)
15	11630.0001	1	Clamp, Shut Off
16	12422.0006	1	Clamp
17	00610.0000 02308.0000	1 1	Clamp Screw, Pan Head #8-32 x .38"
The follow	ving items are not i	llustrated	
18	34325.1000 34325.1001 34325.1002	- - -	Hose, Flex .375" ID x 1 Foot (Use as required) Hose, Flex .375" ID x 3 Feet (Use as required) Hose, Flex .375" ID x 10 Feet (Use as required)
19	11707.1001 11707.1002 11707.1004	- -	Tube, Silicone .25" ID x 3 Feet (Use as required) Tube, Silicone .25" ID x 10 Feet (Use as required) Tube, Silicone .25" ID x 250 Feet (Use as required)
20	20976.1000 20976.1001 20976.1002	-	Tube, Silicone .375" ID x 1 Foot (Use as required) Tube, Silicone .375" ID x 3 Feet (Use as required) Tube, Silicone .375" ID x 10 Feet (Use as required)



#### TANK FILL & DRAIN WITH SWEET BREW

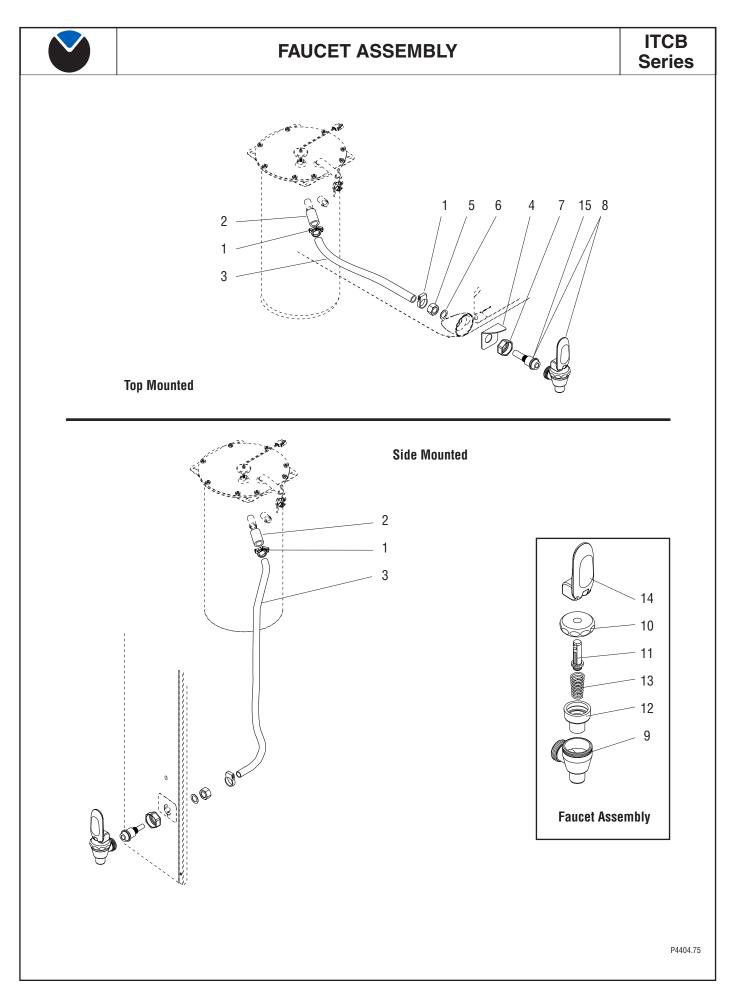
ITEM	PART NO.	QTY.	DESCRIPTION
1	41761.0000 41761.0008 32283.0000	1 1 2	Valve, Water Inlet 120V Valve, Water Inlet 230V Screw, Pan Head M4 x 6mm
2	37297.1006	1	Elbow
3	36378.0001	1	Check Valve
4	12422.0005	2	Clamp, Hose-Snap .62/.71 ID
5		1	Hose, Flex .375" ID x 6.0" (Order item 24)
6	21275.0003	2	Clamp
7	41595.0010	1	Flow Assy
8		1	Hose, Flex .375" ID x 3.0" (Order item 24)
9	41595.0011	1	Flow Assy
10	12422.0000	2	Clamp
11		1	Tube, Silicone .25" ID x 28.0" (Order item 25)
12	47355.0001	1	Elbow
13	12422.0001	3	Clamp
14		1	Tube, Silicone .375" ID x 20.0" (Order item 26)
15	11630.0001	1	Clamp, Shut Off
16	12422.0006	5	Clamp
17	00610.0000 02308.0000	1 1	Clamp Screw, Pan Head #8-32 x .38"
18	45313.0000	1	Connector, Union
19		1	Tube, Silcone .313" ID x 6.0" (Order item27)
20		1	Tube, Silicone .25" ID x 6.0" (Order item 25)
21		1	Tube, Silcone .313" ID x 4.0" (Order item27)
22	40752.0003 02363.0000	2 6	Flow Meter Screw, Pan Head, #8-15 x .38"
23	54897.0000	1	Bracket, Flow Meter

#### (continued)



#### TANK FILL & DRAIN WITH SWEET BREW

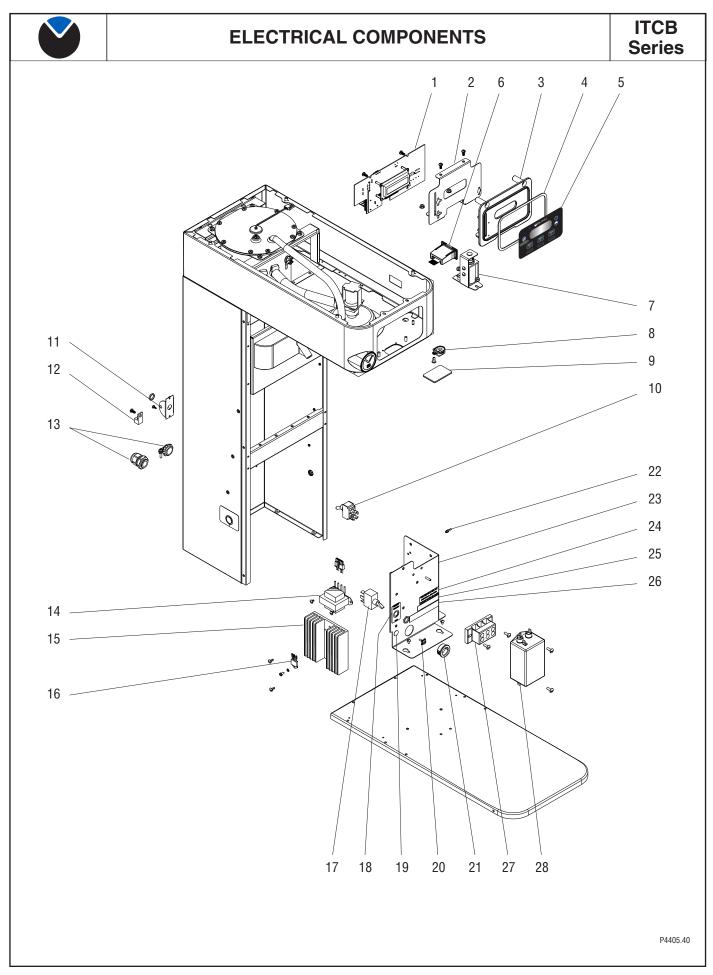
ITEM	PART NO.	QTY.	DESCRIPTION
The follow	ring items are not illu	strated.	
24	34325.1000	-	Hose, Flex .375" ID x 1 Foot (Use as required)
	34325.1001	-	Hose, Flex .375" ID x 3 Feet (Use as required)
	34325.1002	-	Hose, Flex .375" ID x 10 Feet (Use as required)
25	11707.1001	-	Tube, Silicone .25" ID x 3 Feet (Use as required)
	11707.1002	-	Tube, Silicone .25" ID x 10 Feet (Use as required)
	11707.1004	-	Tube, Silicone .25" ID x 250 Feet (Use as required)
26	20976.1000	-	Tube, Silicone .375" ID x 1 Foot (Use as required)
	20976.1001	-	Tube, Silicone .375" ID x 3 Feet (Use as required)
	20976.1002	-	Tube, Silicone .375" ID x 10 Feet (Use as required)
27	28526.1000	-	Tube, Silicone .313" ID x 12.0" (Use as required)
	28526.1001	-	Tube, Silicone .313" ID x 36.0" (Use as required)
	28526.1002	-	Tube, Silicone .313" ID x 60.0" (Use as required)
28	44079.0002	1	Wiring Harness, Flow Meter



#### FAUCET ASSEMBLY

ITEM	PART NO.	QTY.	DESCRIPTION
1	12422.0009	2	Clamp
2		1	Tube, Silicone .50 ID x 1.8" (Order item 16)
3		1	Tube, Silicone .25 ID x 31.0" (Order item 17)
4	52707.1004	1	Bracket, Stabilizer
5	29264.0000	1	Nut
6	01544.0000	1	Washer
7	01268.0000	1	Nut
8	03260.1026	1	Faucet Assy (Includes items 9 - 14)
9	37758.0002	1	Body
10	29165.0002	1	Bonnet
11	29164.0000	1	Stem
12	00600.0000	1	Seat Cup
13	00601.0000	1	Spring
14	51315.0004	1	Handle, Red
15	46390.0001	1	Shank, Faucet
The follow	ving items are not i	llustrated	
16	32591 1001	-	Tube 50" ID x 12 0" (Use as required)

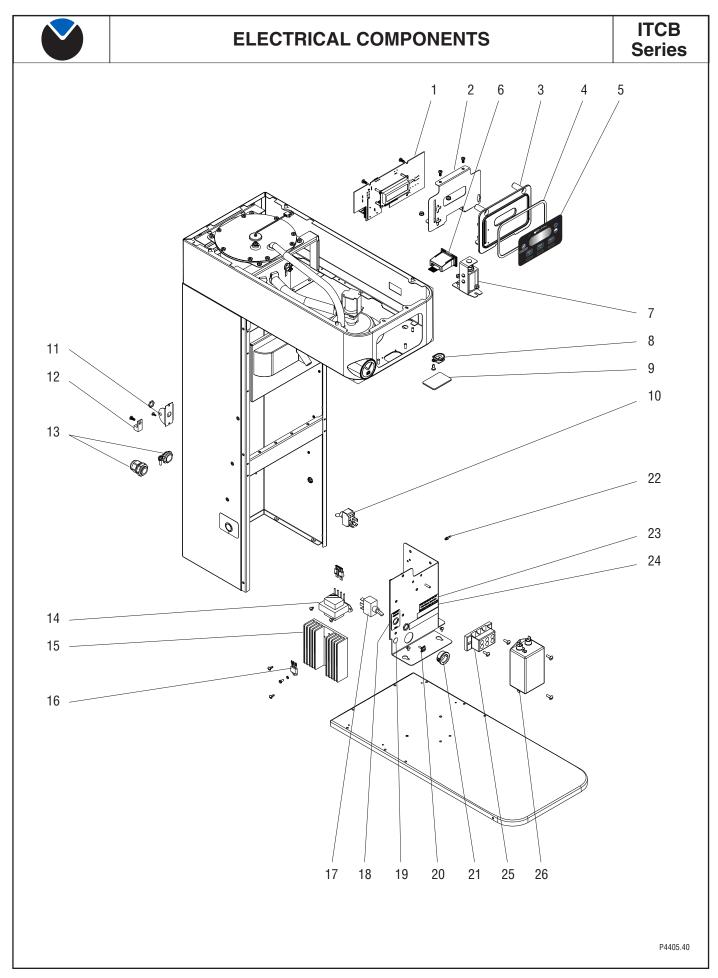
16	32591.1001 32591.1002 32591.1003	-	Tube .50" ID x 12.0" (Use as required) Tube .50" ID x 36.0" (Use as required) Tube .50" ID x 120.0" (Use as required)
17	11707.1001 11707.1002 11707.1004	- - -	Tube, Silicone .25" ID x 3 Feet (Use as required) Tube, Silicone .25" ID x 10 Feet (Use as required) Tube, Silicone .25" ID x 250 Feet (Use as required)
18	51315.1004	-	- Faucet Repair Kit (Includes 11-14)



#### **ELECTRICAL COMPONENTS**

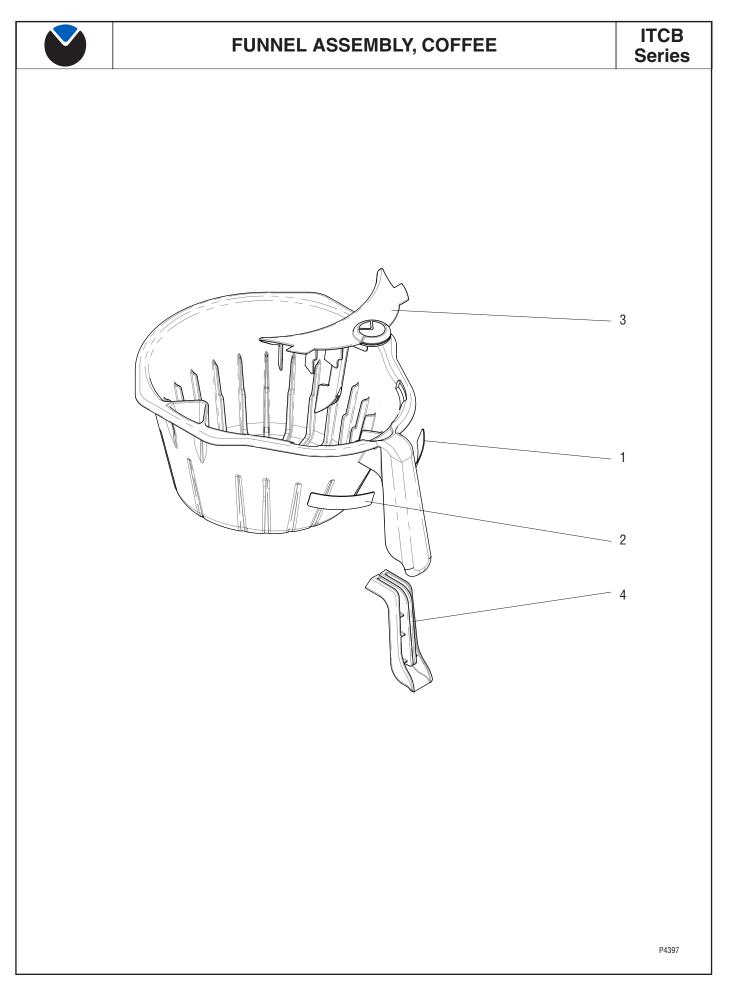
ITEM	PART NO.	QTY.	DESCRIPTION
1	52887.1000	1	Circuit Board 120V
	53833.1000	1	Circuit Board 230V
	02308.0000	2	Screw, Pan Head #8-32 x .38″
2	51337.0002	1	Bracket
	02308.0000	2	Screw, Pan Head #8-32 x .38"
	00971.0000	2	Nut, Keps #10-32
3	52864.0000	1	Bezel
4	53344.0001	1	Seal
5	52904.0000	1	Membrane Switch (Regular Dispense)
	52904.0010	1	Membrane Switch (Sweet Brew Dispense)
6	48455.0001	1	USB Receptacle
7	35952.1006	1	Solenoid Assembly 120V
	35952.1007	1	Solenoid Assembly 230V
	00970.0000	2	Nut, Keps #8-32
8	32572.1000	1	Sensing Coil
	35956.0000	1	Fastener
9	52947.0001	1	Seal
10	40763.0002	1	Switch, Toggle 120V
	28004.0000	1	Switch, Toggle 230V
	23696.0000	1	Facenut
11	25102.0001	1	Bracket, Switch "I/O"
	28098.0000	1	Fastener, Snap
12	27705.0000	1	Terminal Lug (230V models only)
	02308.0000	1	Screw, Pan Head #8-32 x .38"
13	01685.0000	1	Cord Connector 120V
	05746.0000	1	Cord Connector 230V
14	34307.1001	1	Transformer 120V
	34307.1002	1	Transformer 230V
	01308.0002	2	Screw SST #6-32 x .25"
15	20541.0001	1	Heatsink
	01382.0007	2	Screw, 6-32 x .375"
16	12565.0046	1	Triac
	02328.0003	1	Screw, 6-32 x .312"
	01520.0000	1	Lock Washer
	M2522.1000	-	Heat Sink Compound, 5oz Tube
17	23522.1001	1	Switch, Toggle (Dual Voltage Brewers only)
18	34056.0001	1	Decal, Voltage Selection (Dual Voltage Brewers only)
19	00824.0002	1	Decal, Ground
20	37804.0000	1	Screw, Grounding #8-32 x .50"

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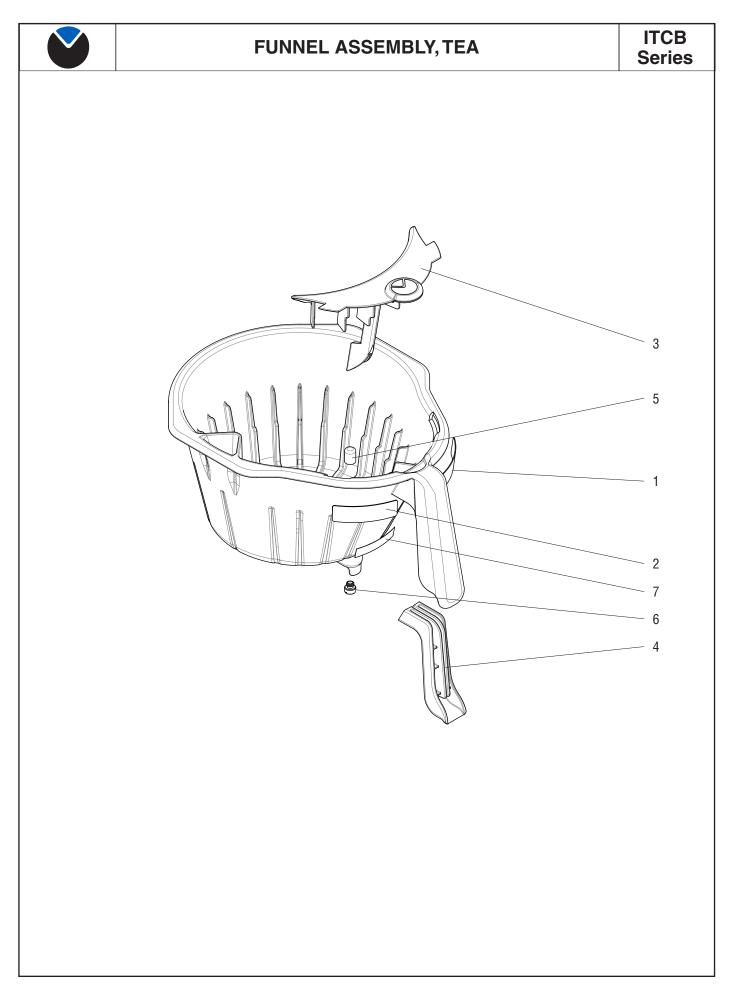
#### **ELECTRICAL COMPONENTS**

ITEM 21	PART NO. 01592.0000	QTY. 1	DESCRIPTION Snap Bushing	
22	36329.0000	1	Cable Tie	
23	00985.0000	1	Decal, Individual Circuit Info	
24	00870.0000	1	Decal, Use Copper Wire Only	
25	07038.0000 01317.0000	1 2	Terminal Block (Dual Voltage Brewers only) Screw, Truss Head #8-32 x .50"	
26	50159.0000 02308.0000	1 2	EMI Filter (230V CE models only) Screw, Pan Head #8-32 x .38"	
The following items are not illustrated				
27	20630.0005 42749.0033	1 1	Power Cord 120V Power Cord 230V	
28	38040.0016 36677.0030	1 1	Wiring Harness, Main 120V Wiring Harness, Main 230V	
29	36675.0000	1	Wiring Harness, Sensing Coil	
30	40081.0002	1	Wiring Harness, Toggle Switch to Terminal Block 120V	
31	37494.0005	1	Wiring Harness, Liquid Level	
32	34707.0009	1	Wiring Harness, EMI Filter 230V	
33	44022.0000	1	Wiring Harness, Transformer to CBA	
34	22918.0002	2	Thermal Fuse 230V	
35	48455.0002	1	USB Receptacle cover	



## FUNNEL ASSEMBLY, COFFEE

ITEM	PART NO.	QTY.	DESCRIPTION
-	53463.0021	1	Funnel Assy, Plastic (Includes Items 1 thru 4)
1	03408.0009	1	Decal, Caution-Remove Funnel
2	03409.0007	1	Decal, Caution-Hot Liquid
3	53374.0004	1	Splash Guard
4	53544.0000	1	Insert, Funnel Handle



## FUNNEL ASSEMBLY, TEA

ITEM -	PART NO. 53463.0022	QTY. 1	DESCRIPTION Funnel Assy, Plastic (Includes Items 1 thru 7)
1	03408.0008	1	Decal, Caution-Remove Funnel
2	03409.0006	1	Decal, Caution-Hot Liquid
3	53374.0005	1	Splash Guard
4	53544.0003	1	Insert, Funnel Handle
5	03284.0001	1	Adapter, Funnel w/Screen
6	03407.0002	1	Funnel Tip, .114"
7	03536.0001	1	Decal, Quick Brew

