

# USER'S GUIDE



Driven To Pioneer Innovation<sup>™</sup>

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## **Contact Information**

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## **Description & Features**

The CBS-2050e Series coffee brewers feature our patented intermittent spray over technology, which works like this:

The following variables are programmed for each batch size:

- ✤ Brew volume
- Brew time
   Prewet delay (The time between prewetting and the brew cycle.)
- Bypass percent
   (Percentage of the brew volume)
   ar
- Drip delay (The time between the end of the brew cycle and the unlocking of the brew basket.)

Using these variables, the software calculates how much water to use for prewetting, bypass, and brewing. The total brew time is divided into several 30 second cycles. Within these cycles, the software calculates how long to spray water over the coffee grounds, and how long to pause before the next cycle begins. The bypass valve opens at the beginning of the brew cycle and dispenses the correct amount of water all at once.

### Features

- Three fully programmable batch sizes per side
- Adjustable prewetting cycle
- Adjustable bypass
- Electronically controlled hot water service
- Brew basket safety locks
- ✤ Brew temperature protection
- Universal wiring single or three phase

# **Specifications**

## **Requirements**

\* Water Requirements:

CBS-2051e: 20-75 psig, 1 gpm CBS-2052e: 20-75 psig, 1 ½ gpm CBS-2052e20: 20-75 psig, 1 ½ gpm

- **Electrical:** See electrical configuration chart.
- ♦ Coffee Filters: 15" X 5 ½ " FETCO Product # F001

### Weights and Capacities

Brewer Model	Weight (empty)	Water Capacity	r tank & Weight.	Weight (filled)	*Dispenser Weight, ea.	*Dispenser Filled, ea	*Total Weight Brewer & Dispensers, Filled
CBS-2051e	55 lbs.	5.5 gal.	46 lbs.	81 lbs.	10.5 lbs.	23 lbs.	104 lbs.
CBS-2052e	92 lbs.	10.3 gal.	86 lbs.	178 lbs.	10.5 lbs.	23 lbs.	224 lbs.
CBS-2052e20	95 lbs.	10.3 gal.	86 lbs.	181 lbs.	11.5 lbs.	28 lbs.	237 lbs.

\* Based on L3D Series Dispensers

## **Electrical Configuration and Brewing Efficiency**

#### US & Canada CBS-2051e

CBS-2051e		1.5 gallons p	er batch					
Electrical	Heater	Voltage				Maximum	Batches per H	our* (max 11)
Config. Code	Configuration	(AC)	Phase	Wires	KW	Amp draw	Cold Water	Hot Water
E51016	2 X 3 KW	120/208			4.6	22.1	7.7	11.0
		120/220	single	3 + ground	5.1	23.4	8.6	11.0
		120/240			6.1	25.5	10.3	11.0

## CBS-2052e

#### 1.5 gallons per batch

2.0 gallons per batch

							<u> </u>	
Electrical	Heater	Voltage				Maximum	Batches per H	our* (max 22)
Config. Code	Configuration	(AC)	Phase	Wires	KW	Amp draw	Cold Water	Hot Water
E52016	Option 1	120/208			4.6	22.4	7.7	18.6
Universal	2 X 3 KW	120/220	single	3 + ground	5.1	23.7	8.6	20.8
Wiring	(Factory Setting)	120/240			6.1	25.8	10.3	22.0
Total 3 X 3 KW	Option 2	120/208			6.9	19.5	11.5	22.0
Heaters	3 X 3 KW	120/220	three	three 4 + ground	7.7	20.6	12.9	22.0
		120/240			9.1	22.5	15.4	22.0
E52026	Option 1	120/208			7.6	36.9	12.8	22.0
Universal	2 X 5 KW	120/220	single	3 + ground	8.5	39.0	14.4	22.0
Wiring		120/240	_	_	10.1	42.5	17.1	22.0
Total 3 X 5 KW	Option 2	120/208			11.4	32.0	19.2	22.0
Heaters	3 X 5 KW	120/220	three	three 4 + ground	12.7	33.9	22.0	22.0
	(Factory Setting)	120/240			15.1	36.9	22.0	22.0

#### CBS-2052e20

#### 2.0 gallons per batch Batches per Hour\* (max 18) Electrical Heater Voltage Maximum Config. Code Configuration (AC) Phase Wires KW Amp draw Cold Water Hot Water E53016 Option 1 120/208 4.6 22.4 5.8 14.0 Universal 2 X 3 KW 120/220 single 3 + ground 5.1 23.7 6.5 15.6 (Factory Setting) 120/240 6.1 25.8 7.7 18.0 Wiring Option 2 120/208 6.9 19.5 8.6 18.0 Total 3 X 3 KW 3 X 3 KW 7.7 Heaters 120/220 three 4 + ground 20.6 10.1 18.0 120/240 9.1 22.5 11.6 18.0 E53026 Option 1 120/208 7.6 36.9 9.6 18.0 2 X 5 KW 120/220 8.5 39.0 11.2 18.0 Universal single 3 + ground 120/240 10.1 42.5 12.8 18.0 Wiring Total 3 X 5 KW Option 2 120/208 11.4 32.0 14.4 18.0 Heaters 3 X 5 KW 120/220 three 4 + ground 12.7 33.9 16.5 18.0 120/240 (Factory Setting) 15.1 36.9 16.5 18.0

\* Based on standard factory settings: 4.0 minute brew time; 0% prewet, 0% bypass; 200 F water.

## Export CBS-2051e

CBS-2051e							1.5 gallons p	er batch
Electrical	Heater	Voltage				Maximum	Batches per H	our* (max 11)
Config. Code	Configuration	(AC)	Phase	Wires	KW	Amp draw	Cold Water	Hot Water
E51026	2 X 3 KW	220	single	2 + ground	5.1	23.4	8.9	11.0

### CBS-2052e

CBS-2052e							1.5 gallons p	er batch
Electrical	Heater	Voltage				Maximum	Batches per H	our* (max 22)
Config. Code	Configuration	(AC)	Phase	Wires	KW	Amp draw	Cold Water	Hot Water
E52036	2 X 3 KW	220	single	2 + ground	5.1	23.7	8.6	20.8

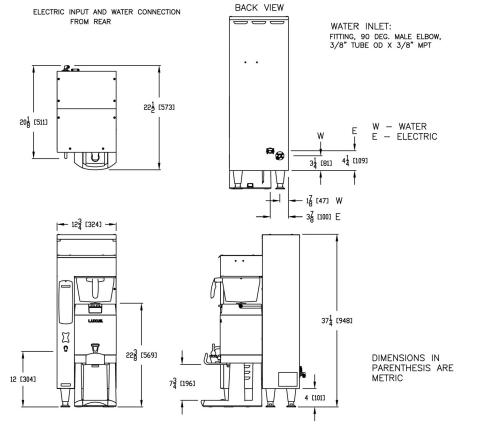
### CBS-2052e20

							Lie ganene p	or buton
Electrical	Heater	Voltage				Maximum	Batches per H	our* (max 18)
Config. Code	Configuration	(AC)	Phase	Wires	KW	Amp draw	Cold Water	Hot Water
E53036	2 X 3 KW	220	single	2 + ground	5.1	23.7	6.5	15.6
	* 0 1 1			4.0 1 1 1		0.0/	00/ 1	

\* Based on standard factory settings: 4.0 minute brew time; 0% prewet, 0% bypass; 200 F water.

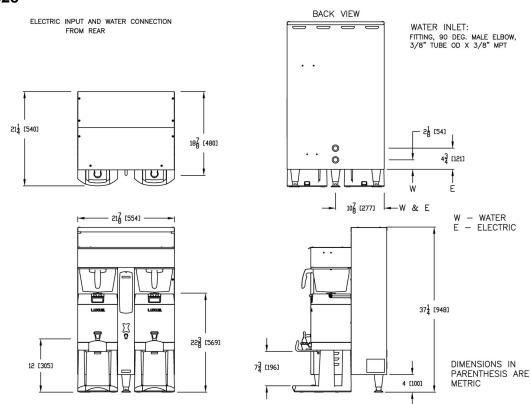
## **Dimensions & Utility Connections**

### CBS-2051e



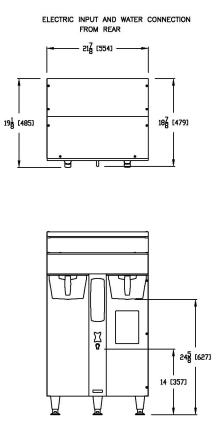
### CBS-2052e

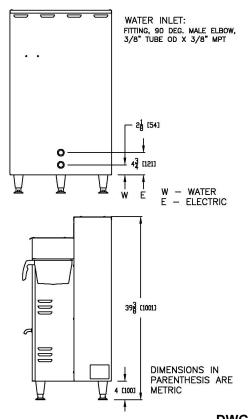
DWG 201100-000



DWG 201101-000

## CBS-2052e20





DWG 201129-000

## Installation

(For Qualified Service Technicians Only)

## Keys To A Successful Installation

If not installed correctly by qualified personnel, the brewer may not operate properly and damage may result. Damages resulting from improper installation are not covered by the warranty. Here are the key points to consider before installation:

### Electrical:

- All FETCO brewers require NEUTRAL. Ground is not an acceptable substitute. Installation without neutral may cause damage to the electronic components.
- Universal wiring: This brewer can be configured for single or three phase operation. Conversion
  instructions are described later in this section.
- The electrical diagram and universal wiring instructions are located on the inside of the lower cover.
- The installation must comply with applicable federal, state, and local codes having jurisdiction at your location. Check with your local inspectors to determine what codes will apply.

#### **Plumbing:**

- This equipment is to be installed to comply with the applicable federal, state, or local plumbing codes.
- The water line must be flushed thoroughly prior to connecting it to the brewer to prevent debris from contaminating the machine.
- Verify that the water line will provide at least 1 gallon per minute for the CBS-2051e, and 1.5 gallons per minute for the CBS-2052e and 2052e20 before connecting it to the brewer.

#### General:

Utilize only qualified beverage equipment service technicians for installation. A Service Company Directory may be found on our web site, http://www.fetco.com.

## Installation Instructions

#### **Brewer Setup**

- 1. Review the Dimensions for the unit you are installing. Verify that the brewer will fit in the space intended for it, and that the counter or table will support the total weight of the brewer and dispensers when filled.
- 2. The brewer's legs are shipped inside the brew baskets. Remove the brew basket(s) and the coffee dispenser(s). Place the brewer on its back and screw in the legs.
- 3. Place the brewer on the counter or stand.
- 4. When the brewer is in position, level it front to back as well as side to side by adjusting the legs.



Warning: Legs are to be adjusted for leveling the brewer only. Do not use for height adjustment or extend them higher than necessary.

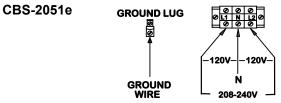
5. Remove the lower cover to access the water and electrical connections. Knock-outs are provided in the back and base of the brewer body for the connections.

### Water Connection

- 1. Water inlet is a 3/8 inch male flare fitting.
- 2. The brewer can be connected to a cold or hot water line. Cold water is preferred for best coffee flavor, but hot water will allow for faster recovery times.
- 3. Install a water shut off valve near the brewer to facilitate service. If an in-line water filter is used, it should be installed after the water shut off valve and in a position to facilitate filter replacement.
- 4. Flush the water supply line and filter **before** connecting it to the brewer.
- 5. Verify that the water line will provide at least 1 gallon per minute for the CBS-2051e, and 1.5 gallons per minute for the CBS-2052e and 2052e20, and that the water pressure is between 20 and 75 psig.
- 6. Use a wrench on the factory fitting when connecting the incoming water line. This will reduce stress on the internal connections and reduce the possibility of leaks developing after the install has been completed.

### **Electrical Connection**

- 1. Verify that the actual voltage at the electrical service connection is compatible with the specifications on the brewer's serial number label. Make sure the electrical service includes **neutral**.
- 2. The temperature and water tank fill level are pre-set at the factory. There is no need to turn off the heaters during the installation process. The heaters are disabled by the control board until the tank is full of water. The heating process will start automatically when the tank has filled.
- 3. A terminal block is provided for connecting the incoming power wires. Consult local codes to determine if a cord and plug can be installed, or if the unit must be hard wired.
- 4. A fused disconnect switch or circuit breaker on the incoming power line must be conveniently located near the brewer, and its location and markings known to the operators. Warning: To prevent
- 5. The body of the brewer must be grounded to a suitable building ground. A ground lug is provided in the brewer next to the power terminal block. Use only 10 gauge copper wire for grounding.
- 6. Electrical connections must be secured in-place within the unit to meet national and local standards.
- 7. Connect the incoming power wires to the terminal block in accordance with applicable codes.

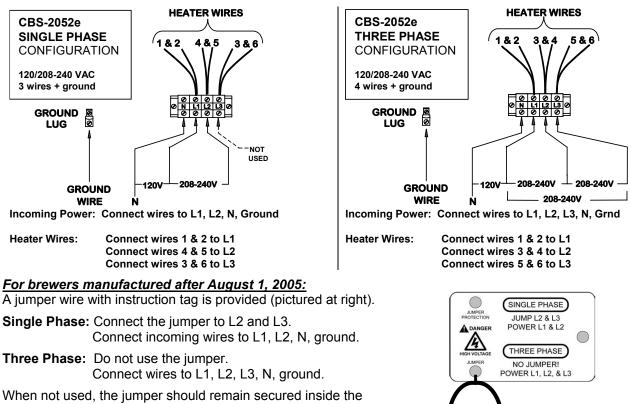


The CBS-2052e and CBS-2052e20 are shipped from the factory configured for either single phase or three phase operation, depending on the version that was ordered. A tag attached to the terminal block will indicate which way the unit was configured.

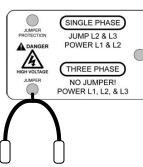
#### Notice: The following conversion should be performed only by a qualified beverage equipment service technician or electrician.

#### For brewers manufactured before August, 2005:

To change the configuration, arrange the heater wires as shown below. Make sure that all connections are tight. These instructions are also located on the inside of the lower cover.



brewer for future use.



electrical shock, this

unit must be properly

arounded.

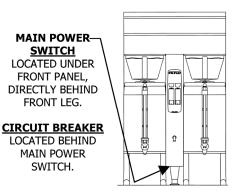
#### **Final Setup**

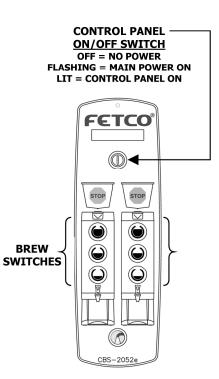
- 1. Turn on the incoming water supply line and inspect both inside and outside of the brewer for leaks in all fittings and tubes
- 2. Turn on the incoming power.
- 3. Press the brewer's main power switch, which is hidden behind the front leg of the brewer. The control panel on/off switch will begin flashing. Press this switch.
- 4. Within 6 seconds, the hot water tank will begin filling until the water is sensed by the probe at the top of the tank. The display will read "FIL". The heaters will be disabled by the control board until the tank is full.
- 5. While the water is heating, the display will read "LO" and the actual water temperature will be displayed. After the water has reached the set temperature, the display will be blank. There is no "ready" light.
- 6. Review the Operating Instructions. Brew one full batch (water only) on each side to confirm proper fill levels. The brewer is factory set with water only (no coffee) to dispense the correct amount of water. If the actual volume is slightly different from the programmed volume, fine tuning the brewer may be necessary. See #60 63 in the Advanced Settings & Diagnostics section.
- 7. Re-attach the covers after one final inspection for leaks. Look closely in the top of the brewer at the dispense fittings during this inspection.

#### **Operator Training**

Review the operating procedures with whoever will be using the brewer. Pay particular attention to the following areas:

- 1. Always pre-heat the dispensers before the first use of each day by filling them half way with hot water, and letting them stand for at least 15 minutes.
- 2. Don't remove the brew basket until it has stopped dripping.
- 3. Make sure the dispenser is empty before brewing into it.
- 4. Show how to attach covers, close, and or secure the thermal dispensers for transporting.
- 5. Show the location and operation of the water shut off valve as well as the circuit breaker for the brewer.
- 6. Steam from the tank will form condensation in the vent tubes. This condensation will drip into and then out of the brew baskets. 1/4 cup discharging overnight is possible. Place an appropriate container under each brew basket when not in use.
- 7. We recommend leaving the power to the brewer on overnight. The water tank is well insulated and will use very little electricity to keep the tank hot. Leaving the brewer in the on position will also avoid delays at the beginning of shifts for the brewer to reach operating temperature.





## **Operating Instructions**

#### **Control Panel Functions**

Only switches that are active are illuminated. Switches that are inactive or disabled are invisible.

#### Main Power Switch

Controls all power to brewer
 Indicator lamp at top of panel.

### **2** Control Panel On/Off Switch

Secondary power switch. Does not disconnect main power.

Flashing = Off

□ Lit = On

□ Invisible = Main Power Off

### **B** Display

- "FIL" = Water tank is filling.
   "LO XXX" = Unit is heating, not ready to brew. (XXX = actual
- temperature) **"NO BAS"** = Brew basket not in
- position. □ Blank = Ready to brew.
- □ Also displays error messages.
- Also displays error

## **9** Stop Switches

 Stops brew cycle
 Lit = Brew cycle in progress
 Invisible = Not brewing, or dripping in progress

## **9** Brew Switches

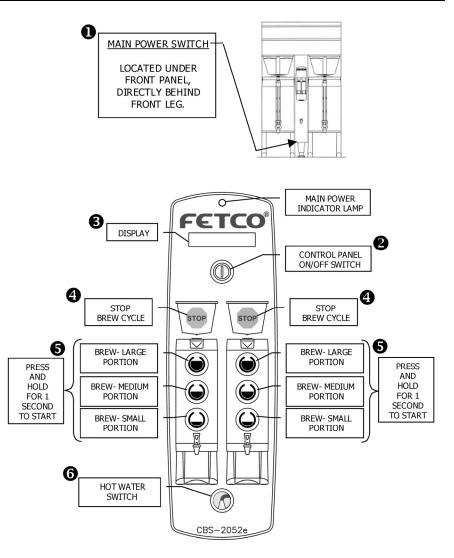
 Starts brew cycle
 Must be held in for 1 second
 Flashing = Brew cycle in progress
 Lit = Ready to brew
 Invisible – Not ready to brew, or batch disabled (See Programming Section)

## 6 Hot Water Switch

Dispenses hot water from faucet
 Hold in to dispense

## Brewing

- 1. Turn the main power switch and control panel switch on.
- 2. Prepare a brew basket with the correct size filter and appropriate amount of coffee.
- 3. Slide the brew basket completely into the rails.
- 4. Place a clean, empty, preheated dispenser under the brew basket.
- 5. Select a batch from the available choices, and hold the corresponding BREW button in for 1 second to start the brew cycle.
- 6. The STOP button will illuminate, and the selected BREW button will flash, indicating that brewing is in progress. All other BREW buttons will extinguish.

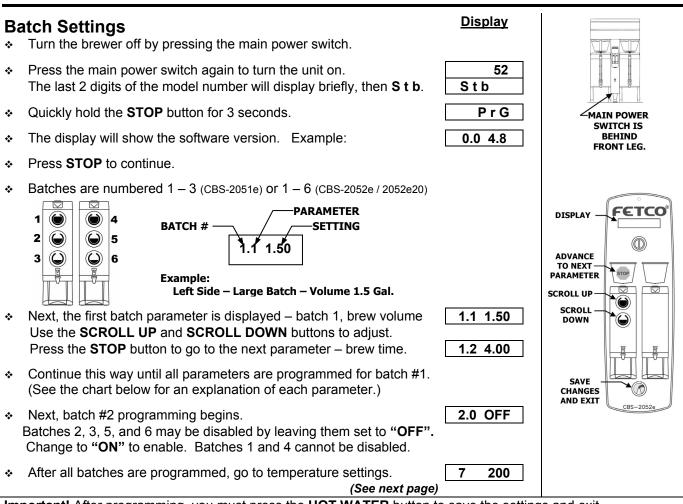


- When the brew cycle is finished, the STOP button will extinguish and the BREW button will continue flashing, indicating that coffee may still be dripping from the bottom of the brew basket.
- 8. Before removing the brew basket or dispenser, visually verify that dripping has stopped.

## Notes:

- Preheat dispenser by filling at least ½ full with water at brewing temperature. Allow it to sit for at least 15 minutes before draining.
- □ A sensor will prevent the brewer from operating if the brew basket is not all the way in.
- A brew basket lock will prevent removal of the brew basket during brewing and dripping

## Programming



**Important!** After programming, you must press the **HOT WATER** button to save the settings and exit programming mode, or changes will be lost. You may exit programming at any time.

### Batch Parameters

X=Batch	Number (1 - 6)				
Parameter	Name	Range	Increment	Default Setting	Comment
X.0	Batch Enabled or	On/Off		Batch 1 & 4 = ON	Batch 1 & 4 cannot
	Disabled			Batch 2, 3, 5, 6 = OFF	be disabled.
X.1	Brew Volume	0.25 – 3.00	0.01	1.5 gal. (2051e/2052e)	To display liters, see
	(Gallons)			2.0 gal. (2052e20)	# 59 in Advanced
	· · ·				Settings section.
X.2	Brew Time (Min:Sec)	2:00 - 24:00	0:30	4:00 minutes	
X.3	Bypass Percent	0.00 - 40.0%	1%	0 %	Percentage of total
					brew volume
X.4	Prewet Percent	0.00 – 15.0%	1%	0 %	Percentage of total
					brew volume
X.5	Prewet Delay	0:10 – 5:00	0:10	1:00 minute	The time between
	(Min:Sec)				prewetting and start
					of brew cycle.
X.6	Drip Delay (Min:Sec)	0:30 - 6:00	0:10	1:30 minute	The time between
		Minutes			end of brew cycle
					and unlocking of
					brew basket.

## **Temperature Settings**

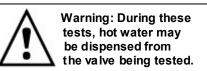
Parameter	Name	Range	Default Setting	Comment
7	Water Temp. (°F)	180°F - 208°F	200°F	Inside tank. Will be slightly lower at spray head. To display in ° Celsius, see # 58 in Advanced Settings.
8	Hot Water Service	A (auto) / On / Off	A (auto)	A= Faucet will dispense only when not brewing. On=Faucet always enabled. Off=Faucet always disabled.
9	Brew at Set Temperature	0 - 1	1	<ul> <li>0=Will brew at any temperature above 180°F.</li> <li>1=Will brew only at set temperature. Note: Changes will not take effect until one full brew cycle is completed after the change is made.</li> </ul>
Parameter	Name	Range	Default Setting	Comment
10	Enter Advanced Settings & Diagnostics	0 - 1	0	<ul> <li>0 = Skip Advanced Settings &amp;</li> <li>Diagnostics. Loop back to start of batch programming cycle.</li> <li>1 = Enter Advanced Settings &amp;</li> <li>Diagnostics.</li> </ul>
				Press STOP to continue
Important! To	o save your changes,	press 💦 to exit prog	ramming mode a	nd return to operating mode.

## **Advanced Settings and Diagnostics**

Address	Description	Range	Default	Comment
50	Water Level in Tank	0 - 1		Tests if water is touching probe. 0 = Tank is less than full 1 = Tank is full
52	Brew Basket Sensor State (left / right)	0 - 1		To test, slide the brew basket in and out. Display should toggle between 0 and 1. 0 = Brew basket out. 1 = Brew Basket in.
55	Tank Temperature	180°F - 208°F		Displays current tank temperature.
56	Brewer Model Number	31 - 52		Must be set for the correct model number of the brewer: 51 for CBS-2051e, 52 for CBS-2052e and CBS-2052e20.
57	Reload Defaults	0 - 1	0	Changes all settings to default factory settings. 0 = Do not reload defaults 1 = Reload all default settings If 1 is selected, you must advance to the next address for this change to take effect. Does not change address 56 – model number.
58	Temperature Scale	F or C	F	F = Displays temp in degrees Fahrenheit C = Displays temp in degrees Celsius
59	Water Volume Scale	GAL or LTR	GAL	GAL = Displays volume in gallons LTR = Displays volume in liters

Address	Description	Range	Default	Comment
60	Left Brew Valve	0.09 – 1.49	0.92	
and	Flow Rate	If #59 is GAL		
61	Right Brew Valve			Use this to compensate for minor discrepancies in
	Flow Rate	or		actual volume versus programmed volume. Set
				lower to increase volume, higher to decrease
		0.33 – 5.63	3.48	volume. The following formula can be used to
		If #59 is LTR		determine the correct setting:
62	Left Bypass Valve	0.28 – 0.38	0.33	
and	Flow Rate	If #59 is GAL		ACTUAL VOLUME CURRENT NEW
63	Right Bypass			PROGRAMMED VOLUME X SETTING = NEW SETTING
	Valve Flow Rate	or		
		1.05 – 1.44	1.24	
		If #59 is LTR		
64	Keypad Test	0 - 1	0	Tests function of control panel switches.
				0 - Skip keypad test
				1 - Keypad test active
				Starting at the stop buttons, press each button
				that is lit. The display will show the name of the
				switch being pressed. Brew switches are named
				S1, S2, S3, etc. The hot water switch must be
				pressed last, as this will exit the test.
65	Relay Test	0 - 1	0	0 - Skip relay test. Loop back to #50
				1 – Relay test active.
				Press STOP to continue
Press 🥂 t	o save the settings an	d exit Diagnostic	mode.	
Press 🗖 a	again to exit Programn	and mode and re	turn to O	porating mode

Relay Test Tests the individual relays which control various components. Use either batch button to actuate the relays.



## To begin, you must first press the blinking Control Panel Power Switch.

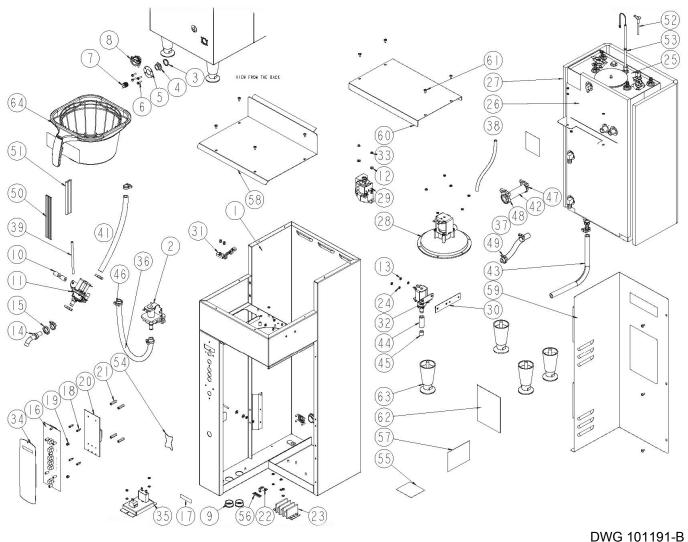
Address	Description	Comment					
90	Left or Single Brew Valve						
91	Right Brew Valve						
92	Left or Single Bypass Valve						
93	Right Bypass Valve						
94	Hot Water Faucet						
95	Fill Valve						
96	Heater	To protect the heaters, this test will work only if the tank is full.					
97	Left or Single Brew Basket Lock						
98	Right Brew Basket Lock						
Press	Press not be exit Relay Test. Press not again to exit Diagnostic mode. Press not again to exit Programming mode and return to Operating mode.						

## **Error Codes**

Code	Description	Possible Cause	Corrective Action	How to Clear Error
001	Internal Error	Control board failure.	Clear error.	Codes Turn main power
001	System had to reload default settings.		Re-program the brewer to the desired specifications. If error occurs again, replace control board.	switch off and on.
050	Shorted temperature probe.	Probe failure.	Replace probe.	Turn main power switch off and on.
051	Open temperature probe.	Bad probe connection, or probe failure.	Check all connections. Replace probe if necessary.	Turn main power switch off and on.
075	Brew basket lock or sensor failure. Basket was in place when brew cycle started, but was	Brew basket sensor or lock has failed.	Repair or replace brew basket sensor or lock.	Press the flashing control panel power switch to resume operation.
	pulled out during the brew cycle. If this error occurs, the brew basket lock has failed.	Magnet in brew basket handle is missing or loose.	Remove brew basket handle. Place magnet in correct position.	
100	Initial Fill Error Initial fill time was more than 15 minutes.	Water supply flow rate is too low.	Watch for short potting during brew cycle. Investigate cause of low flow rate. (Clogged water filter, etc.)	Press the control panel power switch.
101	Error on refill Tank did not refill within 3 minutes.	Water supply flow rate is too low.	Watch for short potting during brew cycle. Investigate cause of low flow rate. (Clogged water filter, etc.)	Error message is cleared automatically at end of brew cycle.
102	Unwanted Fill When brewer is idle, the fill valve was activated for	Possible leak in tank, fitting, or valve. Output on control	Check inside of machine for leaks. Replace control board.	Turn main power switch off and on.
	more than 30 seconds during a 1 hour period.	board has failed, causing a dispense valve to open.		
200	Flat Line Temperature (Water is boiling) System is calling for heat, but the temperature does not rise at least 2°F within 10 minutes.	Triac is stuck closed, bad output on control board, or temperature is set too high for altitude.	Check triacs, check control board output, or adjust temperature for altitude.	Turn main power switch off and on.
201	Heater Open System is calling for heat, but the temperature does not rise at least 2°F within 10 minutes. This error is disabled during brewing and while using the hot water faucet.	Heating element failure.	Check and replace heating elements if necessary.	Turn main power switch off and on.
202	Heater Short System is not calling for heat, but temperature rises more than 5°F.	Possible triac stuck closed, or bad output on control board.	Check triac and control board.	Enter programming mode, then exit programming mode.
255	Keypad Error A switch was pressed for more than 45 seconds.	Switch was held in too long, or switch is stuck closed.	Clear error and try again. If error occurs without switch being pressed, replace input board.	Turn main power switch off and on.

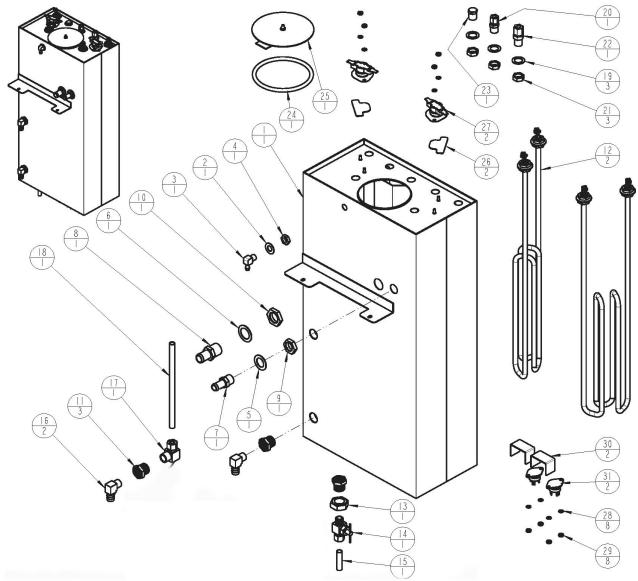
## Parts

## Figure 1 – CBS-2051e Main Assembly



2       1       57017       FILL VALVE, S-53 220VAC       220         3       1       24012       GASKET, S-53 FILL VALVE       220         4       1       31078       FITTING, S-53 FILL VALVE INLET       5         5       1       03074       BRACKET, S-53       6       4       82020       SCREW, S-53 FILL VALVE INLET       7         6       4       82020       SCREW, S-53 FILL VALVE       7       1       31031       FITTING, 90° MALE ELBOW, 3/8 TUBE OD X 3/8 MPT       8       1       86040       CONNECTOR, CABLE CLAMP, 3/4"       9       2       86032       BUSHING, SNAP, 1" MOUNTING HOLE DIA       10       2       29020       SPACER, HOT WATER VALVE       11       1       102192       ASSEMBLY, HOT WATER VALVE, 120VAC       11       1       102192       ASSEMBLY, HOT WATER VALVE, 220VAC       E	
2         1         57006         FILL VALVE, S-53 120VAC         E           2         1         57017         FILL VALVE, S-53 220VAC         E           3         1         24012         GASKET, S-53 FILL VALVE         E           4         1         31078         FITTING, S-53 FILL VALVE         E           5         1         03074         BRACKET, S-53         E         E           5         1         03074         BRACKET, S-53         E         E         E           6         4         82020         SCREW, S-53 FILL VALVE         E <td< th=""><th></th></td<>	
2         1         57017         FILL VALVE, S-53 220VAC         E           3         1         24012         GASKET, S-53 FILL VALVE         220           4         1         31078         FITTING, S-53 FILL VALVE INLET         5           5         1         03074         BRACKET, S-53         6         4         82020         SCREW, S-53 FILL VALVE INLET           6         4         82020         SCREW, S-53 FILL VALVE         7         1         31031         FITTING, 90° MALE ELBOW, 3/8 TUBE OD X 3/8 MPT         8         1         86040         CONNECTOR, CABLE CLAMP, 3/4"         9         2         86032         BUSHING, SNAP, 1" MOUNTING HOLE DIA         10         2         29020         SPACER, HOT WATER VALVE         11         1         102192         ASSEMBLY, HOT WATER VALVE, 120VAC         11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC         220           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC         220         220           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC         220         220           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC         220	
2         1         57017         FILL VALVE, S-53 220VAC         220           3         1         24012         GASKET, S-53 FILL VALVE         220           4         1         31078         FITTING, S-53 FILL VALVE INLET         5           5         1         03074         BRACKET, S-53         6         4         82020         SCREW, S-53 FILL VALVE         7           7         1         31031         FITTING, 90° MALE ELBOW, 3/8 TUBE OD X 3/8 MPT         8         1         86040         CONNECTOR, CABLE CLAMP, 3/4"         9         2         86032         BUSHING, SNAP, 1" MOUNTING HOLE DIA         10         2         29020         SPACER, HOT WATER VALVE         11         1         102192         ASSEMBLY, HOT WATER VALVE, 120VAC         11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC         220           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC         220         220           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC         220           11         1         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	
4       1       31078       FITTING, S-53 FILL VALVE INLET         5       1       03074       BRACKET, S-53         6       4       82020       SCREW, S-53 FILL VALVE         7       1       31031       FITTING, 90° MALE ELBOW, 3/8 TUBE OD X 3/8 MPT         8       1       86040       CONNECTOR, CABLE CLAMP, 3/4"         9       2       86032       BUSHING, SNAP, 1" MOUNTING HOLE DIA         10       2       29020       SPACER, HOT WATER VALVE         11       1       102192       ASSEMBLY, HOT WATER VALVE, 120VAC         11       1       102193       ASSEMBLY, HOT WATER VALVE, 220VAC         11       57073       VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	EXPORT 20V ONLY
5         1         03074         BRACKET, S-53           6         4         82020         SCREW, S-53 FILL VALVE           7         1         31031         FITTING, 90° MALE ELBOW, 3/8 TUBE OD X 3/8 MPT           8         1         86040         CONNECTOR, CABLE CLAMP, 3/4"           9         2         86032         BUSHING, SNAP, 1" MOUNTING HOLE DIA           10         2         29020         SPACER, HOT WATER VALVE           11         1         102192         ASSEMBLY, HOT WATER VALVE, 120VAC           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC           11         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	
6         4         82020         SCREW, S-53 FILL VALVE           7         1         31031         FITTING, 90° MALE ELBOW, 3/8 TUBE OD X 3/8 MPT           8         1         86040         CONNECTOR, CABLE CLAMP, 3/4"           9         2         86032         BUSHING, SNAP, 1" MOUNTING HOLE DIA           10         2         29020         SPACER, HOT WATER VALVE           11         1         102192         ASSEMBLY, HOT WATER VALVE, 120VAC           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC           11         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	
7         1         31031         FITTING, 90° MALE ELBOW, 3/8 TUBE OD X 3/8 MPT           8         1         86040         CONNECTOR, CABLE CLAMP, 3/4"           9         2         86032         BUSHING, SNAP, 1" MOUNTING HOLE DIA           10         2         29020         SPACER, HOT WATER VALVE           11         1         102192         ASSEMBLY, HOT WATER VALVE, 120VAC           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC           11         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	
8         1         86040         CONNECTOR, CABLE CLAMP, 3/4"           9         2         86032         BUSHING, SNAP, 1" MOUNTING HOLE DIA           10         2         29020         SPACER, HOT WATER VALVE           11         1         102192         ASSEMBLY, HOT WATER VALVE, 120VAC           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC           11         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	
9         2         86032         BUSHING, SNAP, 1" MOUNTING HOLE DIA           10         2         29020         SPACER, HOT WATER VALVE           11         1         102192         ASSEMBLY, HOT WATER VALVE, 120VAC           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC           11         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	
10         2         29020         SPACER, HOT WATER VALVE           11         1         102192         ASSEMBLY, HOT WATER VALVE, 120VAC           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC           11         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	
11         1         102192         ASSEMBLY, HOT WATER VALVE, 120VAC           11         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC         E5           11         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	
111102193ASSEMBLY, HOT WATER VALVE, 220VACED 2201157073VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	
11     1     102193     ASSEMBLY, HOT WATER VALVE, 220VAC     220       11     57073     VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)     220	
	EXPORT 20V ONLY
12 4 83051 WASHER, #8 SCREW SIZE, FLAT	
13 20 84002 NUT, HEX, #8-32 MACHINE SCREW	
14 1 002065 WELDMENT, HOT WATER FAUCET	
15 1 33007 LOCKNUT, 7/16 STRAIGHT PIPE THREAD	
16 1 108003 SWITCHING/ CONTROL BOARD, 6 KEYS, S3P	
17 1 46029 LABEL, POWER SWITCH	

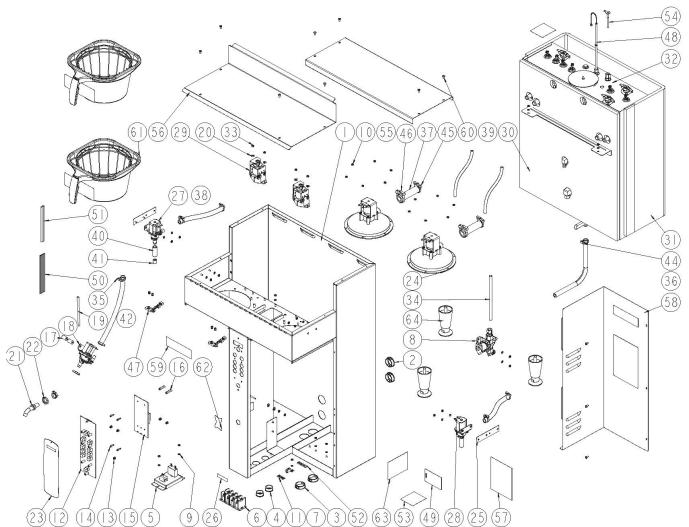
18	4	15007	STANDOFF, MALE-FEMALE, THREADED HEX 4-40-1/2"	7
19	4	29007		-
20	1	51042		
20	1	51055		EXPORT
21	4	29019		220V ONLY
22	1	65002	CONNECTOR, COPPER LUG	-
23	1		TERMINAL BLOCK	-
24	12	83026		-
25	1		ASSEMBLY, TANK CBS-2051e	-
26	1	22057	INSULATION TANK FRONT CBS-2051	-
27	1	22058		-
28	1	102102		
28	1	102159		EXPORT
29	1	101160		220V ONLY
29	1	101174		EXPORT
30	1		WELDMENT, BRACKET BY-PASS VALVE	220V ONLY
31	1		ASSEMBLY, REED SWITCH	-
32	1		VALVE, BYPASS LEFT 120 VAC	-
				EXPORT
32	1	57077		220V ONLY
32	0	57073	VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)	_
33	2		LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT	_
34	1	45081		_
35 35	1 1	102189		-
35		52026		-
35	1	58054	SWITCH, PUSH BUTTON TUBE, 5/8"OD X 3/8"ID X 17"LG, COLD WATER	-
30	1 1	25090 25044		-
38	1	25044		-
39	1	251042		-
40	1	25104		-
40	1	25105		-
42	1	25045		-
43	1	25046		-
44	1	25060	TUBE 5/8"OD X 3/8"ID X 15"LG, BY-PASS	-
45	1	25061	TUBE 1/2"OD X 1/4"ID X 1/2""LG, BY-PASS	
46	6	86007		
47	1	86036		-
48	1	86039		1
49	3	86038		1
50	1	402016		1
51	1		HARNESS, ELECTRICAL, TWO HEATER WIRE SET CBS-2051e	1
52	1	102202		1
53	1	102172		
54	1		LABEL, EXTRACTOR	1
55	2	44024		1
56	1		LABEL GROUND	1
58	1	01501	COVER, UPPER BASE CBS-2051e	
59	1	102194		
60	1	01502		
61	11	82059		
62	1	401213		
63	4	73011		4
64	1	101165	ASSEMBLY, BREW BASKET, 16" X 6", DIA HOLE 0.280" (SEE FIG.6)	



## DWG 104029-C

ITEM #	QTY	PART #	DESCRIPTION
1	1	4039	WELDMENT, TANK CBS-2051e
2	1	83041	WASHER, .812"OD X .412"ID, FLAT
3	1	31005	FITTING, 90 ELBOW, 1/4 HOSE ID X 1/8 MPT
4	1	31116	LOCKNUT 1/8 STRAIGHT PIPE THREAD
5	1	83043	WASHER, 1.125"OD X 0.688"ID FLAT
6	1	83048	WASHER, 1.250"OD X 0.835"ID FLAT
7	1	31077	FITTING, 3/8 HOSE ID X 3/8 MPT
8	1	31150	FITTING, 5/8 HOSE ID X 1/2 MPT
9	1	31118	LOCKNUT 3/8 STRAIGHT PIPE THREAD
10	1	31151	LOCKNUT 1/2 STRAIGHT PIPE THREAD
11	3	31021	BUSHING, 3/4-16 X 1/4 NPSM, HEX HEAD
12	2	107002	HEATER ASSY., 3000W, 240VAC
13	1	84007	NUT, 3/4-16 HEX JAM
14	1	31152	VALVE, COMPR 3/8 TUBE OD X 1/4 MPT
15	1	13055	TUBE, VALVE DRAIN , 3/8" OD X .035"TH X 1.5" LG
16	2	31128	FITTING, 90° ELBOW, 3/8 HOSE ID X 1/4 MPT
17	1	31027	FITTING, COMPR 90° MALE ELBOW, 3/8 TUBE OD X 1/4 MPT

18	1	13072	OUTLET, INSIDE TANK HOT WATER
19	3	83042	WASHER, .875"OD X .562"ID, FLAT
20	1	31036	FITTING COMPR. MALE CONNECTOR 1/4 TUBE OD X 1/4 MPT
21	3	31117	LOCKNUT 1/4 STRAIGHT PIPE THREAD
22	1	25098	FITTING, COMPRESSION MALE CONNECTOR
23	1	31081	PLUG, HEX HEAD 1/4" MPT
24	1	24002	O-RING, TANK COVER
25	1	102013	ASSEMBLY, TANK COVER
26	2	3332	BRACKET 2, ONE SHOT THERMOSTAT
27	2	53064	THERMOSTAT, SINGLE SHOT, TRIAC
28	8	83011	WASHER, #6 SCREW SIZE, INTERNAL
29	8	84001	NUT, HEX, #6-32 MACHINE SCREW
30	2	3297	SINK, HEAT FOR 40A TRIAC
31	2	59008	TRIAC 40A, 600V

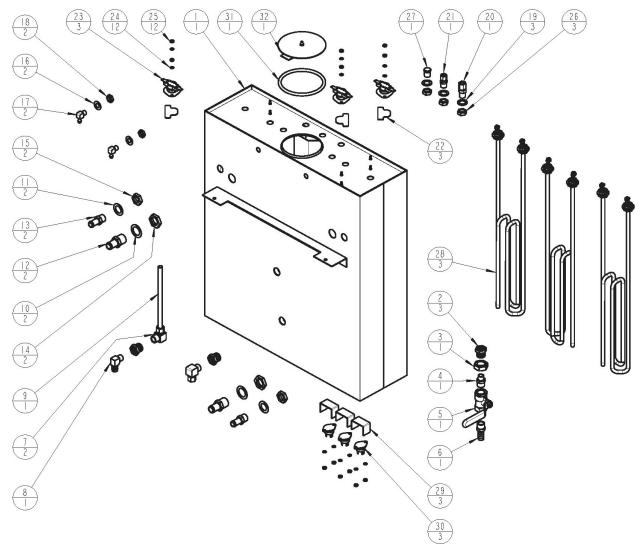


DWG	101197-B

			511	
ITEM #	QTY	PART #	DESCRIPTION	
2	2	86021	BUSHING, SNAP, 1.375 MTG HOLE	
3	2	86018	PLUG, DOME, 1.375 MOUNTING HOLE	
4	2	86032	BUSHING, SNAP, 1" MOUNTING HOLE DIA	
5	1	102189	ASSEMBLY, POWER BRACKET, CBS-2000e	
5	1	52026	CIRCUIT BREAKER, 5A	
5	1	58054	SWITCH, PUSH BUTTON	
6	1	102104	ASSEMBLY, TERMINAL BLOCK	
7	1	65002	CONNECTOR, COPPER LUG	
8	1	57001	FILL VALVE ASSY., S-45, 120VAC	
8	1	57022	FILL VALVE ASSY., S-45, 220VAC	EXPORT 220V ONLY
9	18	83026	WASHER, INTERNAL TOOTH LOCK, #8 SCREW SIZE,	
10	32	84002	NUT, HEX, #8-32 MACHINE SCREW	
12	1	108005	SWITCHING / CONTROL BOARD, 10 KEYS, D3P (CBS-2052e)	
12	1	108065	SWITCHING / CONTROL BOARD, 10 KEYS, D3P (CBS-2052e20)	
13	9	29007	NUT, #4-40 KNURLED THUMB	
14	4	15007	STANDOFF, MALE-FEMALE, THREADED HEX 4-40-1/2"	
15	1	51042	BOARD, POWER SUPPLY-120VAC	
15	1	51055	BOARD, POWER SUPPLY-220VAC	EXPORT 220V ONLY
16	2	29019	SPACER, .25" HEX x 1" LG., FEM, #4-40 THREAD	
17	2	29020	SPACER, HOT WATER VALVE	
18	1	102192	ASSEMBLY, HOT WATER VALVE, 120VAC	

16         1         102193         ASSEMBLY, HOT WATER VALVE, 220VAC         220V AC           18         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)         7200 ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         7200 ASSEMBLY, UARGE SPRAY HEAD, 2040, -50e         7200 ASSEMBLY, LARGE SPRAY HEAD, 2040, -50e         7200 ASSEMBLY, LARGE SPRAY HEAD, 2010 (SEE FIG 5)         7200 ASSEMBLY, LARGE SPRAY HEAD, 120V (SEE FIG 5)         7200 ASSEMBLY, LARGE SPRAY HEAD, 120V (SEE FIG 5)         7200 ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         7200 ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         7200 ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         7200 ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         7200 ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         7200 ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         7200 ASSEMBLY, 200 ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         7200 ASSEMBLY, 200 AS         7200 ASSEMBLY, 200 AS	40	4	100400		EXPORT
1         1         102202         ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e           20         6         83051         WASHER, #8 SCREW SIZE FLAT           21         1         002065         WELDMENT, HOT WATER FAUCET           22         1         33007         LOCKNUT, 7/16 STRAIGHT PIPE THREAD           23         1         46082         OVERLAY, CBS-2052e           24         2         102150         ASSEMBLY, LARGE SPRAY HEAD, 120V (SEE FIG 5)           25         2         102147         WELDMENT, BRACKET BY-PASS VALVE           26         1         46029         LABEL, POWER SWITCH           27         1         57076         VALVE, BYPASS RIGHT 120 VAC         20000           28         1         57073         VALVE, BYPASS LEFT 120 VAC         20000           28         1         57073         VALVE REBULD KIT, DSY11 (PLUNGER, SPRING, AND DIAPHRAGM)           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 120 VAC         20000           28         1         57073         VALVE REBULD KIT, DSY11 (PLUNGER, SPRING, AND DIAPHRAGM)           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 200 VAC         20000           28         1         20306         IN	18	1	102193		220V ONLY
20         6         83051         WASHER, #8 SCREW SIZE, FLAT           21         1         002065         WELDMENT, HOT WATER FAUCET           23         1         45082         OVERLAY, CBS-2052e           24         2         102102         ASSEMBLY, LARGE SPRAY HEAD, 120V (SEE FIG 5)         EXEMPTION           25         2         102145         ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         EXEMPTION           26         1         46022         LABEL, POWER SWITCH         EXEMPTION         EXEMPTION           27         1         57073         VALVE, BYPASS RIGHT 20 VAC         EXEMPTION           28         1         57073         VALVE, BYPASS LEFT 120 VAC         EXEMPTION           28         1         57073         VALVE, BYPASS LEFT 200 VAC         EXEMPTION           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 200 VAC         EXEMPTION           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 200 VAC         EXEMPTION           201         1         20301         IL 22030         INSULATION, TANK BACK CBS-2052         IL           31         1         20301         IL 20301         IUBE, 3012000 X138"ID X15"L, GLNAND           34         8403		$\vdash$			
21         1         002065         WELDMENT, HOT WATER FAUCET           22         1         33007         LOCKNUT, 7/16 STRAIGHT PIPE THREAD           23         1         45082         OVERLAY, CBS-2052e           24         2         102150         ASSEMBLY, LARGE SPRAY HEAD, 200 (SEE FIG 5)         DPOM           25         2         102147         WELDMENT, BRACKET BY-PASS VALVE         DPOM           26         1         46029         LABEL, POWER SWITCH         DPOM           27         1         57043         VALVE, BYPASS RIGHT 120 VAC         DPOM           28         1         57074         VALVE, BYPASS LEFT 120 VAC         DPOM           28         1         57074         VALVE, BYPASS LEFT 120 VAC         DPOM           28         1         57077         VALVE, BYPASS LEFT 120 VAC         DEVOM           28         1         57077         VALVE, REPUBASKET LOCK. 120 VAC         DEVOM           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 20 VAC         DEVOM           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 20 VAC         DEVOM           30         1         22037         INSULATION, TANK CBS-2052         DE					
22         1         33007         LOCKNUT, 7/16 STRAIGHT PIPE THREAD           23         1         45082         OVERLAY, CBS-2052e           24         2         102102         ASSEMBLY, LARGE SPRAY HEAD, 120V (SEE FIG 5)         Demonstration           24         2         102143         MEDIDMENT, LARGE SPRAY HEAD, 220V (SEE FIG 5)         Demonstration           25         2         102143         MEDIDMENT, RACKET BY-PASS VALVE         Demonstration           26         1         46029         LABEL, POWER SWITCH         Demonstration           27         1         57073         VALVE, RPASS RIGHT 220 VAC         Demonstration           27         1         57073         VALVE, RPASS LEFT 220 VAC         Demonstration           28         1         57074         VALVE, RPASS LEFT 220 VAC         Demonstration           28         1         57073         VALVE, REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)         Demonstration           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 120 VAC         Demonstration           29         1         104026         ASSEMBLY, TANK CBS-2052e         DEmonstration           31         1         20306         INSULATION, TANK BASCK CBS-2052e         DEmonstration		_			
23         1         45082         OVERLAY, CBS-2052e           24         2         102102         ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         EXPLOSE           24         2         102149         ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         EXPLOSE           25         2         102147         WELDMENT, BRACKET BY-PASS VALVE         EXPLOSE           26         1         46029         LABEL, POWRE SWITCH         EXPLOSE           27         1         57074         VALVE, BYPASS RIGHT 120 VAC         EXPLOSE           27         1         57074         VALVE, BYPASS RIGHT 120 VAC         EXPLOSE           28         1         57074         VALVE, BYPASS LEFT 120 VAC         EXPLOSE           28         1         57077         VALVE, REBULD KIT, DSVI1, (PLUNGER, SPRING, AND DIAPHRAGM)           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EXPLOSE           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EXPLOSE           21         104026         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EXPLOSE           21         104026         ASSEMBLY, TAKK CBS-2052e         EST         EST           21         120301         IUBE, CO					
24         2         102102         ASSEMBLY, LARGE SPRAY HEAD, 120V (SEE FIG 5)         EMONG           24         2         102147         WELDMENT, LARGE SPRAY HEAD, 220V (SEE FIG 5)         EMONG           25         2         102147         WELDMENT, BRACKET BY-PASS VALVE         EMONG           26         1         46029         LABEL, POWER SWITCH         EMONG           27         1         57043         VALVE, BYPASS RIGHT 20 VAC         Service           27         1         57073         VALVE, BYPASS LEFT 220 VAC         Service           28         1         57077         VALVE, BYPASS LEFT 220 VAC         Service           28         1         57077         VALVE, BYPASS LEFT 200 VAC         Service           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         Service           29         2         101174         ASSEMBLY, TANK CBS-2052         Service           30         1         22036         INSULATION, TANK-BACK CBS-2052         Service           31         1         32050         TUBE, COLD WATER (CBS-2052e)         Service           31         1         32050         TUBE, 56°COX 36°D DA RANGE         Service           34         1		-			
24         2         102159         ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)         DPMOR 2000           25         2         102147         WELDMENT, BRACKET BY-PASS VALVE           26         1         46029         LABEL, POWER SWITCH           27         1         57043         VALVE, BYPASS RIGHT 120 VAC           27         1         57073         VALVE, BYPASS RIGHT 220 VAC         Z00 VAL           28         1         57044         VALVE, BYPASS LEFT 120 VAC         Z00 VAC           28         1         57077         VALVE, BYPASS LEFT 120 VAC         Z00 VAC           28         1         57073         VALVE, BYPASS LEFT 120 VAC         Z00 VAC           28         1         57073         VALVE, BYPASS LEFT 120 VAC         Z00 VAC           29         2         101160         ASSEMBLY, TANK CBS-2052         Z01 VAL           29         1         104026         ASSEMBLY, TANK CBS-2052         Z01 VAL           31         1         22033         INSULATION, TANK BASCK CBS-2052         Z01 VAL           33         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT           34         1         32050         TUBE, 5/8'OD X 3/8'ID X 15'LG, DRAIN					
24         102139         ASSEMBLT, LARGE SPEAT HEAU, 220V (SEE PIG 3)         220 / 08           25         2         102147         WELDMENT, BRACKET BY-PASS VALVE         26           26         1         46029         LABEL, POWER SWITCH         27           27         1         57043         VALVE, BYPASS RIGHT 120 VAC         200 / 08           27         1         57073         VALVE, BYPASS RIGHT 220 VAC         200 / 08           28         1         57077         VALVE, BYPASS LEFT 120 VAC         200 / 08           28         1         57077         VALVE, BYPASS LEFT 120 VAC         200 / 08           28         1         57077         VALVE, BYPASS LEFT 120 VAC         200 / 08           28         1         57077         VALVE, BYPASS LEFT 120 VAC         200 / 08           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         200 / 08           29         2         101174         ASSEMBLY, TANK CBS-2052         201           31         1         20206         TUBE, COLD WATER (CBS-2052e)         201           32         1         40206         ASSEMBLY, ANK CBS-2052e         201           34         1         31205         CLAWP, HOSE, 598°					
26         1         46029         LABEL, POWER SWITCH           27         1         57043         VALVE, BYPASS RIGHT 120 VAC         EXCOMPTION           27         1         57073         VALVE, BYPASS RIGHT 220 VAC         EXCOMPTION           28         1         57074         VALVE, BYPASS LEFT 120 VAC         EXCOMPTION           28         1         57074         VALVE, BYPASS LEFT 120 VAC         EXCOMPTION           28         1         57073         VALVE, PASS LEFT 120 VAC         EXCOMPTION           28         1         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EXPOR           29         1         10160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EXPOR           30         1         22036         INSULATION, TANK-BACK C88-2052         EXPOR           31         1         22037         INSULATION, TANK-BACK C88-2052         EXPOR           31         1         32050         TUBE, COLD WATER (CBS-2052e)         EXPOR           33         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT           34         1         332000         CLAM	24	2	102159	ASSEMBLY, LARGE SPRAY HEAD, 220V (SEE FIG 5)	EXPORT 220V ONLY
27         1         57043         VALVE, BYPASS RIGHT 120 VAC         EXPOR           27         1         57076         VALVE, BYPASS RIGHT 220 VAC         EXPOR           28         1         57073         VALVE, BYPASS LEFT 120 VAC         EXPOR           28         1         57073         VALVE, BYPASS LEFT 220 VAC         EXPOR           28         1         57073         VALVE, BYPASS LEFT 220 VAC         EXPOR           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EXPOR           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 220 VAC         EXPOR           30         1         22036         INSULATION, TANK GBS-2052         EXPOR           31         1         22037         INSULATION, TANK CBS-2052         EXPOR           33         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT         EXPOR           34         1         31202         TUBE, COLD WATER (CBS-2052e)         EXPOR           34         1         32050         TUBE, COLD WATER (CBS-2052e)         EXPOR           35         4         86007         CLAMP, HOSE, 593"-665" DIA RANGE         EXPOR           36         1         25045 <td>25</td> <td>2</td> <td>102147</td> <td>WELDMENT, BRACKET BY-PASS VALVE</td> <td></td>	25	2	102147	WELDMENT, BRACKET BY-PASS VALVE	
27         1         57076         VALVE, BYPASS RIGHT 220 VAC         EMPORE           27         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)         EMPORE           28         1         57074         VALVE, BYPASS LEFT 120 VAC         EMPORE           28         1         57077         VALVE, BYPASS LEFT 120 VAC         EMPORE           28         1         57077         VALVE, BYPASS LEFT 120 VAC         EMPORE           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EMPORE           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EMPORE           30         1         22036         INSULATION-FRONT, TANK GBS-2052         EMPORE           31         1         22037         INSULATION-FRONT, TANK GBS-2052         EMPORE           32         1         104026         ASSEMBLY, TANK CBS-2052e (SEE FIG. 4)         EMPORE           33         4         84030         LOCKNUT, #8-32 SCREW SLE, HEX THIN NYLON INSERT         EMPORE           34         1         3122         TUBE, 5/02 X 3/8"ID X 15"LG, DRAINE         EMPORE           37         2         25045         TUBE, 5/8"OD X 3/8"ID X 15"LG, BY-PASS         EMPORE	26	1	46029	LABEL, POWER SWITCH	
27         1         37016         VALVE, BTPASS RIGH 220 VAC         220 VAL           27         57073         VALVE, BYPASS LEFT 120 VAC         220 VAL           28         1         57074         VALVE, BYPASS LEFT 120 VAC         220 VAL           28         1         57073         VALVE, BYPASS LEFT 220 VAC         220 VAL           28         1         57073         VALVE, BYPASS LEFT 220 VAC         220 VAL           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         220 VAC           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 220 VAC         200 VALVE, BYPASS LEFT 220 VAC           30         1         22037         INSULATION, FRONT, TANK CBS-2052         211           31         1         22037         INSULATION, FRONT, TANK CBS-2052         221           31         1         32050         TUBE, COLD WATER (CBS-2052e0)         235         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT           34         1         31202         CLAMP, HOSE, 593".656" DA RANGE         25042         1025.593".656" DA RANGE           36         1         25042         TUBE, 5/8"CD X 3/8"ID X 1.5"LG, DRAIN         220001         10825/80".052/80         241 <t< td=""><td>27</td><td>1</td><td>57043</td><td>VALVE, BYPASS RIGHT 120 VAC</td><td></td></t<>	27	1	57043	VALVE, BYPASS RIGHT 120 VAC	
27         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)           28         1         57074         VALVE, BYPASS LEFT 120 VAC         EMPOR           28         1         57077         VALVE, BYPASS LEFT 220 VAC         EMPOR           28         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EMPOR           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EMPOR           29         1         101406         ASSEMBLY, BREW BASKET LOCK. 220 VAC         EMPOR           30         1         22037         INSULATION-FRONT, TANK CBS-2052         1           31         1         22037         INSULATION, TANK-BACK CBS-2052         1           32         1         104026         ASSEMBLY, TANK CBS-2052e (SEE FIG.4)         1           33         4         84030         LOCKNUT, #6-32 SCREW SIZE, HEX THIN NYLON INSERT         1           34         1         3122         TUBE, COLD WATER (CBS-2052e0)         1         1           35         4         86007         CLAMP, HOSE, 5970D X 3/8"ID X 1.5"LG, DRAIN         1         2           37         2         25045         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         1         2         25061	27	1	57076	VALVE, BYPASS RIGHT 220 VAC	EXPORT
28         1         57044         VALVE, BYPASS LEFT 120 VAC         Expon           28         1         57077         VALVE, BYPASS LEFT 220 VAC         200 VAC           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         200 VAC           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         200 VAC           30         1         22036         INSULATION-FRONT, TANK CBS-2052         201 11           31         1         22037         INSULATION, TANK CBS-2052         201 11           32         1         104026         ASSEMBLY, TANK CBS-2052         201 11           33         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT           34         1         31222         TUBE, COLD WATER (CBS-2052e)         201 11           34         1         3122         TUBE, COLD WATER (CBS-2052e)         201 11           35         4         86007         CLAMP, HOSE, 593".666" DIA RANGE         201 11           36         1         25045         TUBE, 516"OD X 3/8"ID X 1.5"LG, PASS         21           39         2         25042         TUBE, 10"OD X 1/4"ID X 172"LG, VATT         201 22060           41         2 <t< td=""><td></td><td>-</td><td></td><td></td><td>ZZUV UNL F</td></t<>		-			ZZUV UNL F
28         1         57077         VALVE, BYPASS LEFT 220 VAC         EBPORD           28         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)         29         2         101110         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EPPORD           29         2         1011174         ASSEMBLY, BREW BASKET LOCK. 120 VAC         EPPORD           30         1         22036         INSULATION-FRONT, TANK CBS-2052         EPPORD           31         1         22037         INSULATION, TANK-BACK CBS-2052         EPPORD           31         1         22037         INSULATION, TANK-BACK CBS-2052         EPPORD           32         1         104026         ASSEMBLY, TANK CBS-2052e (SEE FIG. 4)         EPPORD           33         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT         EPPORD           34         1         31205         TUBE, COLD WATER (CBS-2052e)         EPPORD           34         1         31020         Z5041         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           37         2         25044         TUBE, 5/8"OD X 3/8"ID X 15"LG, DY-PASS           39         2         25061         TUBE 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET           41         2         25061 </td <td></td> <td>1</td> <td></td> <td></td> <td></td>		1			
28         57073         VALVE REBUILD KIT, DSV11. (PLUNGER, SPRING, AND DIAPHRAGM)           29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 120 VAC           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 120 VAC           20         1         22036         INSULATION-FRONT, TANK CBS-2052           31         1         22037         INSULATION, TANK-BACK CBS-2052           32         1         104026         ASSEMBLY, TANK CBS-2052e (SEE FIG. 4)           33         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT           34         1         3122050         TUBE, COLD WATER (CBS-2052e)           35         4         86007         CLAMP, HOSE, 593".           36         1         25046         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           37         2         25044         TUBE, 5/8"OD X 3/8"ID X 4 1/4" LG, BREW           38         2         25044         TUBE, 5/8"OD X 3/8"ID X 15"LG, DVATER           40         2         25060         TUBE 5/8"OD X 3/8"ID X 11"LG, HOT WATER VALVE INLET           41         2         25061         TUBE, 5/8"OD X 3/8"ID X 11"LG, HOT WATER VALVE OUTLET		1			EXPORT
29         2         101160         ASSEMBLY, BREW BASKET LOCK. 120 VAC         200           29         2         101174         ASSEMBLY, BREW BASKET LOCK. 220 VAC         200           30         1         22036         INSULATION-FRONT, TANK CBS-2052         301           31         1         22037         INSULATION, TANK CBS-2052         301         31           32         1         104026         ASSEMBLY, TANK CBS-2052e (SEE FIG. 4)         333         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT           34         1         3122         TUBE, COLD WATER (CBS-2052e)         301         31         2000         306         11         21020         308 "ID X 15"LG, DRAIN           37         2         25046         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN         37         2         25044         TUBE, 5/8"OD X 3/8"ID X 15"LG, BY-PASS           39         2         25044         TUBE, 5/8"OD X 3/8"ID X 15"LG, BY-PASS         31         1         25105         TUBE, 5/8"OD X 3/8"ID X 15"LG, BY-PASS         31           41         2         25060         TUBE, 5/8"OD X 3/8"ID X 15"LG, BY-PASS         31         1         25105         TUBE, 5/8"OD X 3/8"ID X 15"LG, BY-PASS         32         4602         86038         CLAMP,					220V ONLY
29         2         101174         ASSEMBLY, BREW BASKET LOCK. 220 VAC         EXPOR           30         1         22036         INSULATION-FRONT, TANK CBS-2052		<u> </u>			
2         101174         ASSEMBLY, BREW BRASKET LUCK. 220 VAC         2200 VAC           30         1         22037         INSULATION, FANK CBS-2052         2           31         1         22037         INSULATION, TANK CBS-2052         2           32         1         104026         ASSEMBLY, TANK CBS-2052e (SEE FIG. 4)         3           33         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT           34         1         3122         TUBE, COLD WATER (CBS-2052e)         34           34         1         3122         TUBE, COLD WATER (CBS-2052e)         34           35         4         86007         CLAMP, HOSE, 593"656" DIA RANGE         36           36         1         25040         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN         37           37         2         25041         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN         37           38         2         25042         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN         37           40         2         25060         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN         37           41         2         25061         TUBE, 5/8"OD X 3/8"ID X 15"LG, HOT WATER VALVE INLET           43         1         25105         TUBE, 5/8"OD X		-			FXPORT
31         1         22037         INSULATION, TANK-BACK CBS-2052           32         1         104026         ASSEMBLY, TANK CBS-2052e (SEE FIG. 4)           33         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT           34         1         32050         TUBE, COLD WATER (CBS-2052e)           34         1         13122         TUBE, COLD WATER (CBS-2052e)           35         4         86007         CLAMP, HOSE, .593"656" DIA RANGE           36         1         25046         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           37         2         25045         TUBE, 5/8"OD X 3/8"ID X 15"LG, BREW           38         2         25044         TUBE, 5/8"OD X 3/8"ID X 7.5"LG, BY-PASS           39         2         25060         TUBE 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           41         2         25060         TUBE 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           42         1         25106         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, HOT WATER VALVE INLET           43         1         25105         TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET           44         5         86038         CLAMP, HOSE, 1.031"-1.187" DIA RANGE           47         2         102207         ASSEMBLY, REED SWITCH		2	101174	ASSEMBLY, BREW BASKET LOCK. 220 VAC	220V ONLY
32       1       104026       ASSEMBLY, TANK CBS-2052e (SEE FIG. 4)         33       4       84030       LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT         34       1       32050       TUBE, COLD WATER (CBS-2052e)         35       4       86007       CLAMP, HOSE, .593"656" DIA RANGE         36       1       25046       TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN         37       2       25045       TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN         38       2       25044       TUBE, 5/8"OD X 3/8"ID X 15"LG, BY-PASS         39       2       25042       TUBE, 1/2"OD X 1/4"ID X 7 1/2" LG, VENT         40       2       25060       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         41       2       25061       TUBE, 1/2"OD X 1/4"ID X 1/2"LG, VENT         42       1       25106       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         42       1       25106       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         42       1       25106       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         42       1       25105       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         42       1       25105       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         42       1       25105       TUBE, 5/8"OD X 3/8"ID X 1.5					
33         4         84030         LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT           34         1         32050         TUBE, COLD WATER (CBS-2052e)           34         1         13122         TUBE, COLD WATER (CBS-2052e)           35         4         86007         CLAMP, HOSE, .593"656" DIA RANGE           36         1         25046         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           37         2         25044         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           38         2         25044         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           39         2         25042         TUBE, 12"OD X 1/4"ID X 7.5"LG, BY-PASS           39         2         25042         TUBE, 1/2"OD X 1/4"ID X 1/2""LG, BY-PASS           41         2         25060         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           42         1         25106         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           41         2         25060         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           42         1         25105         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           42         1         25105         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           42         1         25105         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY WATER VALVE INLET <td></td> <td>1</td> <td>22037</td> <td></td> <td></td>		1	22037		
34         1         32050         TUBE, COLD WATER (CBS-2052e)           34         1         13122         TUBE, COLD WATER (CBS-2052e20)           35         4         86007         CLAMP, HOSE, .593".656" DIA RANGE           36         1         25046         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           37         2         25045         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           38         2         25044         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           39         2         25042         TUBE, 1/2"OD X 1/4"ID X 7 1/2" LG, VENT           40         2         25060         TUBE 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           41         2         25061         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           42         1         25106         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, HOT WATER VALVE INLET           43         1         25105         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, HOT WATER VALVE OUTLET           44         5         86036         CLAMP, HOSE, .670".780" DIA RANGE           45         2         86036         CLAMP, HOSE, .1031"-1.187" DIA RANGE           46         2         86039         CLAMP, HOSE, .1031"-1.187" DIA RANGE           47         2         102027         ASSEMBLY, RED SWITCH		1	104026		
34         1         13122         TUBE, COLD WATER (CBS-2052e20)           35         4         86007         CLAMP, HOSE, 593"-656" DIA RANGE           36         1         25046         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           37         2         25045         TUBE, 5/8"OD X 3/8"ID X 4 1/4" LG, BREW           38         2         25044         TUBE, 5/8"OD X 3/8"ID X 7.5"LG, BY-PASS           39         2         25042         TUBE, 1/2"OD X 1/4"ID X 7 1/2" LG, VENT           40         2         25060         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           41         2         25061         TUBE, 5/8"OD X 3/8"ID X 1.1"LG, HOT WATER VALVE INLET           43         1         25105         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           42         1         25106         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           43         1         25105         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           44         5         86038         CLAMP, HOSE, 670".780" DIA RANGE           45         2         86036         CLAMP, HOSE, 1.031"-1.187" DIA RANGE           46         2         86039         CLAMP, HOSE, 1.031"-1.187" DIA RANGE           47         2         102207         ASSEMBLY, REED SWITCH		4	84030	LOCKNUT, #8-32 SCREW SIZE, HEX THIN NYLON INSERT	
35       4       86007       CLAMP, HOSE, 593".656" DIA RANGE         36       1       25046       TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN         37       2       25045       TUBE, 31/32"OD X 5/8"ID X 1.4"LG, BREW         38       2       25044       TUBE, 1/2"OD X 3/8"ID X 1.5"LG, BY-PASS         39       2       25042       TUBE, 1/2"OD X 1/4"ID X 7 1/2" LG, VENT         40       2       25060       TUBE 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         41       2       25061       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         42       1       25106       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         42       1       25105       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         42       1       25105       TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE INLET         43       1       25105       TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET         44       5       86038       CLAMP, HOSE, 670"780" DIA RANGE         45       2       86039       CLAMP, HOSE, 1.031"-1.187" DIA RANGE         46       2       86039       CLAMP, HOSE, 052.0502         50       1       40201       AGRENBLY, REED SWITCH         48       1       102172       ASSEMBLY, REDE SWITCH	34	1	32050	TUBE, COLD WATER (CBS-2052e)	
36         1         25046         TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN           37         2         25045         TUBE, 31/32"OD X 5/8"ID X 4 1/4" LG, BREW           38         2         25044         TUBE, 5/8"OD X 3/8"ID X 7.5"LG, BY-PASS           39         2         25042         TUBE, 5/8"OD X 3/8"ID X 7.5"LG, BY-PASS           40         2         25060         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           41         2         25061         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           42         1         25106         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           42         1         25105         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, HOT WATER VALVE INLET           43         1         25105         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, HOT WATER VALVE OUTLET           44         5         86038         CLAMP, HOSE, .670"780" DIA RANGE           45         2         86039         CLAMP, HOSE, .031"-1.187" DIA RANGE           46         2         86039         CLAMP, HOSE, .031"-1.187" DIA RANGE           47         2         102207         ASSEMBLY, REED SWITCH           48         1         102172         ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG           50         1         440201         HARNESS, ELECTRICAL, THRE	34	1	13122	TUBE, COLD WATER (CBS-2052e20)	
37       2       25045       TUBE, 31/32"OD X 5/8"ID X 4 1/4" LG, BREW         38       2       25044       TUBE, 5/8"OD X 3/8"ID X 7.5"LG, BY-PASS         39       2       25042       TUBE, 1/2"OD X 1/4"ID X 7 1/2" LG, VENT         40       2       25060       TUBE 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         41       2       25061       TUBE 5/8"OD X 3/8"ID X 1/2"LG, BY-PASS         42       1       25106       TUBE, 5/8"OD X 3/8"ID X 11"LG, HOT WATER VALVE INLET         43       1       25105       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, HOT WATER VALVE OUTLET         44       5       86038       CLAMP, HOSE, .670"780" DIA RANGE         45       2       86036       CLAMP, HOSE, .10." DIA RANGE         46       2       86039       CLAMP, HOSE, 1.0.31"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402028       HARNESS, ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       40222       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNIN	35	4	86007	CLAMP, HOSE, .593"656" DIA RANGE	
38         2         25044         TUBE, 5/8"OD X 3/8"ID X 7.5"LG, BY-PASS           39         2         25042         TUBE, 1/2"OD X 1/4"ID X 7 1/2" LG, VENT           40         2         25060         TUBE 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS           41         2         25061         TUBE 1/2"OD X 1/4"ID X 1/2""LG, BY-PASS           42         1         25106         TUBE, 5/8"OD X 3/8"ID X 1.5"LG, HOT WATER VALVE INLET           43         1         25105         TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET           44         5         86038         CLAMP, HOSE, 670"780" DIA RANGE           45         2         86036         CLAMP, HOSE, .875"-1.0" DIA RANGE           46         2         86039         CLAMP, HOSE, .875"-1.0" DIA RANGE           47         2         102207         ASSEMBLY, REED SWITCH           48         1         102172         ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG           49         1         44019         LABEL, SINGLE PHASE CONFIGURATION           50         1         402013         HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)           51         1         402028         HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e           52         1         44024         LABEL, WARNING	36	1	25046	TUBE, 5/8"OD X 3/8"ID X 15"LG, DRAIN	
39       2       25042       TUBE, 1/2"OD X 1/4"ID X 7 1/2" LG, VENT         40       2       25060       TUBE 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         41       2       25061       TUBE 1/2"OD X 1/4"ID X 1/2""LG, BY-PASS         42       1       25106       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         42       1       25105       TUBE, 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         43       1       25105       TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE INLET         44       5       86038       CLAMP, HOSE, .670"780" DIA RANGE         45       2       86039       CLAMP, HOSE, .670"780" DIA RANGE         46       2       86039       CLAMP, HOSE, 1.031"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       40202       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44021       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WAR	37	2	25045	TUBE, 31/32"OD X 5/8"ID X 4 1/4" LG, BREW	
40       2       25060       TUBE 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS         41       2       25061       TUBE 1/2"OD X 1/4"ID X 1/2""LG, BY-PASS         42       1       25106       TUBE, 5/8"OD X 3/8"ID X 11"LG, HOT WATER VALVE INLET         43       1       25105       TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET         44       5       86038       CLAMP, HOSE, .670"780" DIA RANGE         45       2       86036       CLAMP, HOSE, .875"-1.0" DIA RANGE         46       2       86039       CLAMP, HOSE, .031"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVE	38	2	25044	TUBE, 5/8"OD X 3/8"ID X 7.5"LG, BY-PASS	
41       2       25061       TUBE 1/2"OD X 1/4"ID X 1/2""LG, BY-PASS         42       1       25106       TUBE, 5/8"OD X 3/8"ID X 11"LG, HOT WATER VALVE INLET         43       1       25105       TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET         44       5       86038       CLAMP, HOSE, .670"780" DIA RANGE         45       2       86036       CLAMP, HOSE, .875"-1.0" DIA RANGE         46       2       86039       CLAMP, HOSE, 1.031"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         58       1       10244       ASSEMBLY, RIGHT COVER	39	2	25042	TUBE, 1/2"OD X 1/4"ID X 7 1/2" LG, VENT	
42       1       25106       TUBE, 5/8"OD X 3/8"ID X 11"LG, HOT WATER VALVE INLET         43       1       25105       TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET         44       5       86038       CLAMP, HOSE, 670"780" DIA RANGE         45       2       86036       CLAMP, HOSE, 875"-1.0" DIA RANGE         46       2       86039       CLAMP, HOSE, 1.031"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, UPPER BASE CBS-2052e         56       1       01445       COVER, UPPER BASE CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS	40	2	25060	TUBE 5/8"OD X 3/8"ID X 1.5"LG, BY-PASS	
43       1       25105       TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET         44       5       86038       CLAMP, HOSE, .670"780" DIA RANGE         45       2       86036       CLAMP, HOSE, .875"-1.0" DIA RANGE         46       2       86039       CLAMP, HOSE, .1031"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, UPPER BASE CBS-2052e         56       1       01445       COVER, UPPER BASE CBS-2052e         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)	41	2	25061	TUBE 1/2"OD X 1/4"ID X 1/2""LG, BY-PASS	
44       5       86038       CLAMP, HOSE, .670"780" DIA RANGE         45       2       86036       CLAMP, HOSE, .875"-1.0" DIA RANGE         46       2       86039       CLAMP, HOSE, 1.031"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2052e         58       1       102206       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60	42	1	25106	TUBE, 5/8"OD X 3/8"ID X 11"LG, HOT WATER VALVE INLET	
45       2       86036       CLAMP, HOSE, .875"-1.0" DIA RANGE         46       2       86039       CLAMP, HOSE, 1.031"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2052e         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61 <td>43</td> <td>1</td> <td>25105</td> <td>TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET</td> <td></td>	43	1	25105	TUBE, 5/8"OD X 3/8"ID X 2.5"LG, HOT WATER VALVE OUTLET	
45       2       86036       CLAMP, HOSE, .875"-1.0" DIA RANGE         46       2       86039       CLAMP, HOSE, 1.031"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01445       COVER, UPPER BASE CBS-2052e         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61 <td>44</td> <td>5</td> <td></td> <td></td> <td></td>	44	5			
46       2       86039       CLAMP, HOSE, 1.031"-1.187" DIA RANGE         47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01445       COVER, UPPER BASE CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2052e         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61					
47       2       102207       ASSEMBLY, REED SWITCH         48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2052e         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61       2       101165       ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)		2			
48       1       102172       ASSEMBLY, PROBE DIGITAL TEMPERATURE 8.0" LG         49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01445       COVER, UPPER BASE CBS-2052e         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61       2       101165       ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)					
49       1       44019       LABEL, SINGLE PHASE CONFIGURATION         50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01445       COVER, UPPER BASE CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2050e)         58       1       102194       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61       2       101165       ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)					
50       1       402013       HARNESS ELECTRICAL, CBS-2052e, (THREE HEATERS)         51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2052e         58       1       102194       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61       2       101165       ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)		1			
51       1       402028       HARNESS, ELECTRICAL, THREE HEATER WIRE SET. CBS-2052e         52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2052e         58       1       102194       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61       2       101165       ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)		1			
52       1       44022       LABEL, CONNECTION WARNING FOR 3 PH         53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2052e         58       1       102194       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61       2       101165       ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)		1			
53       2       44024       LABEL, WARNING-HIGH VOLTAGE         54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2052e         58       1       102194       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61       2       101165       ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)		1			
54       1       102202       ASSEMBLY, WATER LEVEL PROBE, CBS-2040, -50e         55       1       01445       COVER, TOP CBS-2052e         56       1       01446       COVER, UPPER BASE CBS-2052e         58       1       102194       ASSEMBLY, RIGHT COVER (CBS-2050e)         58       1       102286       ASSEMBLY, RIGHT COVER (CBS-2050e20)         59       1       46027       LABEL, SPRAY HOUSING         60       11       82059       SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE         61       2       101165       ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)					
55         1         01445         COVER, TOP CBS-2052e           56         1         01446         COVER, UPPER BASE CBS-2052e           58         1         102194         ASSEMBLY, RIGHT COVER (CBS-2050e)           58         1         102286         ASSEMBLY, RIGHT COVER (CBS-2050e20)           59         1         46027         LABEL, SPRAY HOUSING           60         11         82059         SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE           61         2         101165         ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)					
56         1         01446         COVER, UPPER BASE CBS-2052e           58         1         102194         ASSEMBLY, RIGHT COVER (CBS-2050e)           58         1         102286         ASSEMBLY, RIGHT COVER (CBS-2050e20)           59         1         46027         LABEL, SPRAY HOUSING           60         11         82059         SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE           61         2         101165         ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)		1			
58         1         102194         ASSEMBLY, RIGHT COVER (CBS-2050e)           58         1         102286         ASSEMBLY, RIGHT COVER (CBS-2050e20)           59         1         46027         LABEL, SPRAY HOUSING           60         11         82059         SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE           61         2         101165         ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)		1			
58         1         102286         ASSEMBLY, RIGHT COVER (CBS-2050e20)           59         1         46027         LABEL, SPRAY HOUSING           60         11         82059         SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE           61         2         101165         ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)		1			
59         1         46027         LABEL, SPRAY HOUSING           60         11         82059         SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE           61         2         101165         ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)		1			
60         11         82059         SCREW, #8-32 X 3/8 TRUSS HD PHIL., MACHINE           61         2         101165         ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)					
61 2 101165 ASSEMBLY, BREW BASKET, 16" X 6", 0.280" HOLE (SEE FIG 6)					
04 J 3 J 730TT J LEG, FLANGE FOOT, 4" HIGH					
	64	3	73011	LEG, FLANGE FOOT, 4" HIGH	

## Figure 4 – CBS-2052e / 2052e20 Tank Assembly

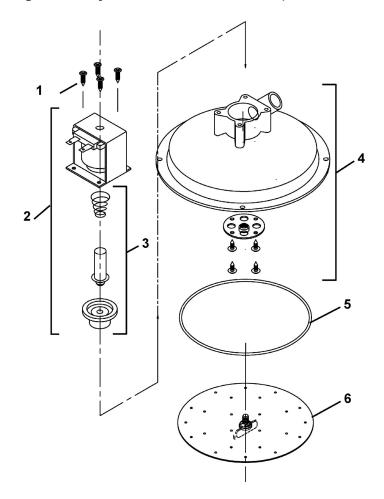


DWG 104026-A

ITEM #	QTY	PART #	DESCRIPTION
1	1	004038	WELDMENT, TANK CBS-2052e
2	3	31021	BUSHING, 3/4-16 X 1/4 NPSM, HEX HEAD
3	1	84007	NUT, 3/4-16 HEX JAM
4	1	31082	
5	1	34004	VALVE, BALL 3/8 FPT X 3/8 FPT
6	1	31054	FITTING, 1/2 HOSE ID X 3/8 MPT
7	2	31027	FITTING, COMPR 90° MALE ELBOW, 3/8 TUBE OD X 1/4 MPT
8	1	31128	FITTING, 90° ELBOW, 3/8 HOSE ID X 1/4 MPT
9	1	13072	OUTLET, INSIDE TANK HOT WATER
10	2	83048	WASHER, 1.250"OD X 0.835"ID FLAT
11	2	83043	WASHER, 1.125"OD X 0.688"ID FLAT
12	2	31150	FITTING, 5/8 HOSE ID X 1/2 MPT
13	2	31077	FITTING, 3/8 HOSE ID X 3/8 MPT
14	2	31151	LOCKNUT 1/2 STRAIGHT PIPE THREAD
15	2	31118	LOCKNUT 3/8 STRAIGHT PIPE THREAD
16	2	83041	WASHER, .812"OD X .412"ID, FLAT
17	2	31005	FITTING, 90° ELBOW, 1/4 HOSE ID X 1/8 MPT
18	2	31116	LOCKNUT 1/8 STRAIGHT PIPE THREAD
19	3	83042	WASHER, .875"OD X .562"ID, FLAT
20	1	25098	FITTING, COMPRESSION MALE CONNECTOR

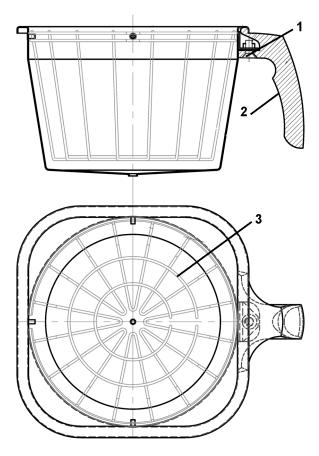
21	1	31036	FITTING COMPR. MALE CONNECTOR 1/4 TUBE OD X 1/4 MPT
22	3	03332	BRACKET 2, ONE SHOT THERMOSTAT
23	3	53064	THERMOSTAT, SINGLE SHOT, TRIAC
24	12	83011	WASHER, #6 SCREW SIZE, INTERNAL
25	12	84001	NUT, HEX, #6-32 MACHINE SCREW
26	3	31117	LOCKNUT 1/4 STRAIGHT PIPE THREAD
27	1	31081	PLUG, HEX HEAD 1/4" MPT
28	3	107002	HEATER ASSY., 3000W, 240VAC
28	3	107018	HEATER ASSY., 5000W, 240VAC
29	3	03297	SINK, HEAT FOR 40A TRIAC
30	3	59008	TRIAC 40A, 600V
31	1	24002	O-RING, TANK COVER
32	1	102013	ASSEMBLY, TANK COVER

Figure 5 – Spray Housing Assembly, 120 VAC, Part # 102102 Spray Housing Assembly, 220 VAC, Part # 102159 (EXPORT ONLY)



ITEM #	QTY	PART #	DESCRIPTION	
1	4	82112	#8 X 3/4" PAN HD. PHIL. T.S. 18-8 S.S. SCREW	
2	1	57042	VALVE ASSY., DSV-10, 120 VAC	
2	1	57075	VALVE ASSY., DSV-10, 240 VAC	EXPORT 220V ONLY
3	1	57072	VALVE REBUILD KIT, DSV-10	
4	1	102113	SPRAY HOUSING ASSY.	
5	1	24035	O-RING, 5.5 I.D. X 5 11/16 O.D. X 3/32	
6	1	102108	SPRAY PLATE ASSY., 5 7/8" DIA.	

## Figure 6 – Brew Basket Assembly, 16" X 6", Part # 101165



ITEM	QTY	PART #	DESCRIPTION
1	1	82096	HANDLE SCREW
2	1	23117	BREW BASKET HANDLE, BLACK (includes magnet)
3	1	9006	WIRE INSERT, 16 X 6
NOT SHOWN	1	46011	WARNING LABEL
NOT SHOWN		F001	PAPER FILTERS, 15" X 5.5" 500 PER CASE

COLOR BREW BASKET HANDLES

PART #	DESCRIPTION	
23106	BREW BASKET HANDLE, GREEN	
23107	BREW BASKET HANDLE, ORANGE	
23148	BREW BASKET HANDLE, RED	