TEA TAP ICED TEA DISPENSERS

Models: TT1 TT2 TT3 TT4

Model: TT3

Tea Tap Iced Tea Dispensers
Available in one, Two, Three, and Four Flavors

OPERATION MANUAL

Model: TT2

GENERAL SPECIFICATIONS

TEA TAP DISPENSERS					
MODEL	FAUCETS	WIDTH	DEPTH	HEIGHT	SHIPPING WT
TT1	1	10	18 3/8	24 1/2	22 Lbs
TT2	2	10	18 3/8	24 1/2	24 Lbs
TT3	3	18	15 1/2	24 1/2	28 Lbs
TT4	4	18	15 1/2	24 1/2	30 Lbs

(ALL DIMENSIONS ARE IN INCHES. DEPTH INCLUDES DRIP TRAY AND WATER INLET FITTING)

PLUMBING

WATER INLET 1/4" FLARED COPPER OR FLEX HOSE - 20 PSI MINIMUM

Cecilware sells value... Worldwide

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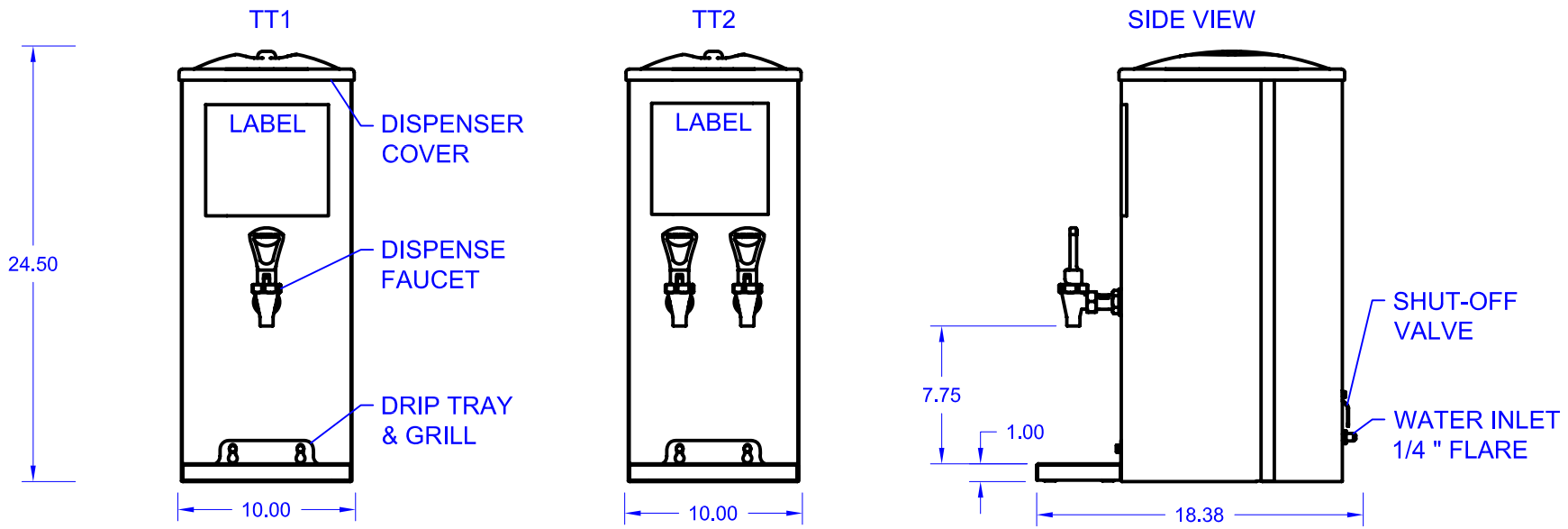
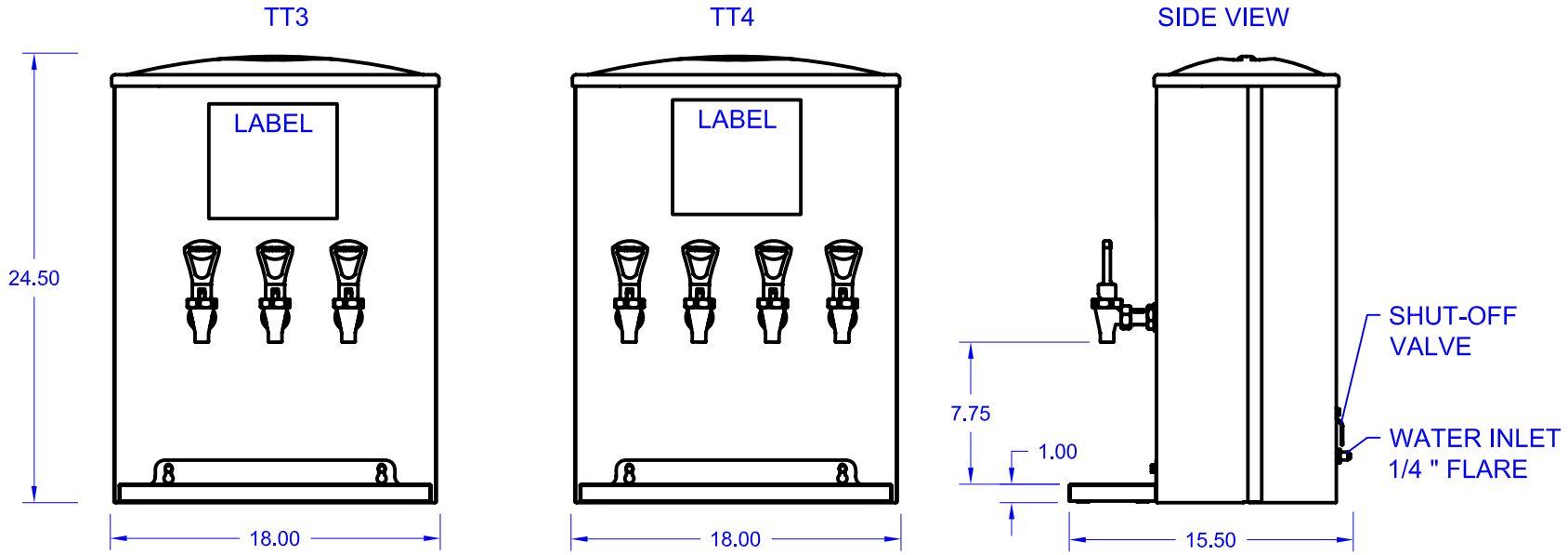
Operation Manual
NQ37A June 2008

SPECIFICATIONS TEA TAP ICED TEA DISPENSERS





I. UNPACKING INSTRUCTIONS

Unpack the Tea Tap Dispenser and place on a counter, pull out the drip tray and grill and place in front of Dispenser.

II. WATER INLET CONNECTION:

NOTE: The minimum incoming waterline pressure must be at least 30 PSI. Max waterline pressure not to exceed 90PSI. The built-in waterline pressure regulator of the dispenser is factory set for a working pressure of 15 PSI.

This equipment is to be installed to comply with the applicable Federal, State, or local plumbing codes having jurisdiction. In addition, a quick disconnect water connection or enough extra coiled tubing (at least 2x the depth of the unit) so that the machine can be moved for cleaning underneath.

HIGHLY RECOMMENDED: a water SHUT-OFF valve and a water FILTER, preferably a combination Charcoal/ Phosphate Filter, to remove odors and inhibit lime and scale build up in the Dispenser.

Note: In areas with extremely hard water, a water softener must be installed in order to prevent a malfunctioning of the equipment and in order not to void the warranty.

The Tea Tap Dispenser is equipped with a ¼" Flare Water Inlet Fitting which is located on the lower back.

III. Installation and Start-up Instructions

1. Connect a ¼" waterline to the ¼" flare water inlet fitting of the shut-off valve on the back of the dispenser.
2. Turn on the Main water supply line and check for leaks.
3. The pressure regulator should read 15 PSI.
4. Turn the Red Valve Handle slowly to ON position.
5. Place a container under the front Dispense Faucet and pull handle to dispense.
6. This process purges air from the dispense system.

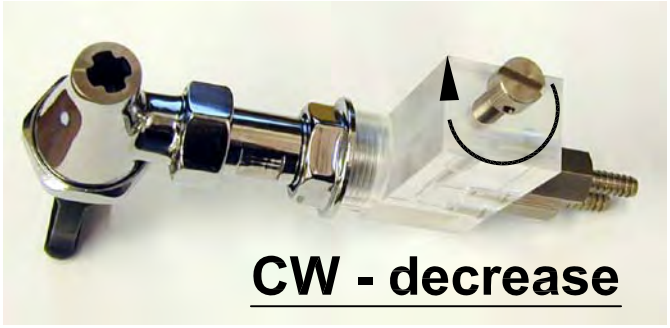
IV. Product Connection

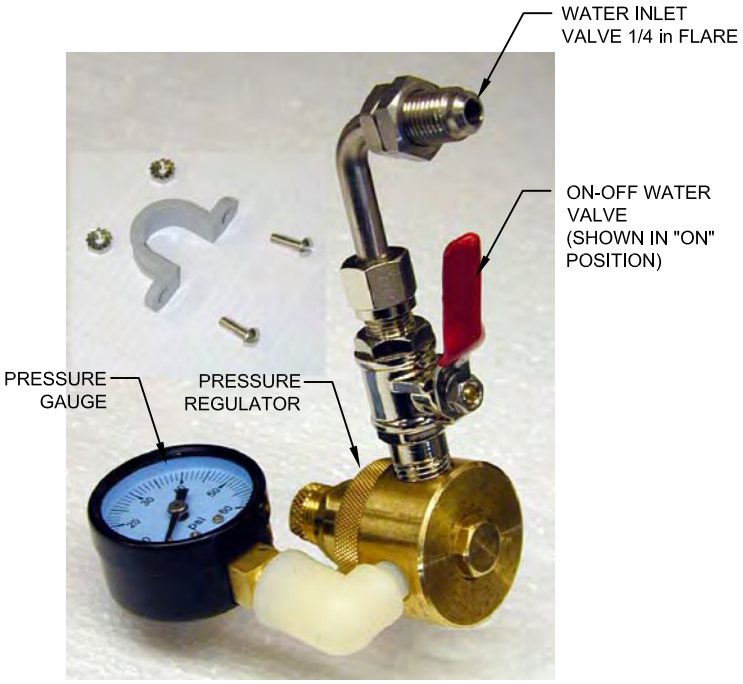
NOTE: The Tea Dispenser is shipped with Stainless Steel Suction Tubes for use with 1/2 gal or 1 gal bottled Concentrates. For remote BIB hook-ups (8ft Max tube length by 3/8 tube ID Max.) Order Hose Kit No. X228A for Liqui-Box and Hose Kit No. X229A for Scholle BIB connector.

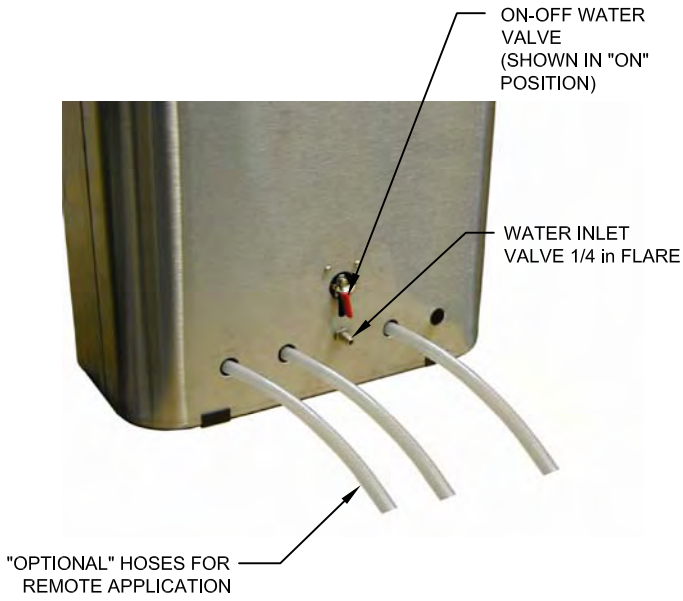
1. Connect the proper BIB connector to the concentrate tube and secure with clamps.
2. Make sure the connection is air tight in order to prevent failure due to suction loss.
3. Place the BIB(s) under the counter and rout the tubing to the dispenser avoiding any kinking of tubing.
4. Place a large container under the Dispense Faucet and run until the concentrate lines fill up with tea concentrate and Tea Mix starts flowing from the Faucets.

V. DRINK STRENGTH ADJUSTMENTS:

1. The Dispenser will dispense Tea at the rate of approximately 1.5 oz. per second. Dispense several cups to check for consistent output.
2. To make drink strength adjustments, tip the dispenser backwards just enough to enable you to reach the large knurled adjustment screw head directly in line with each faucet.
3. The Dispenser is Factory adjusted to 1 1/2 turns CCW from completely closed position.
4. **To increase** the Drink Strength Turn the Adjustment Screw (1/4 turn at a time) **Counterclockwise (CCW).**
   To decrease the Drink Strength Turn the Adjustment Screw (1/4 turn at a time) **Clockwise (CW).** (see figure below)







VI. WATER PRESSURE ADJUSTMENTS (performed by qualified personnel only):

The Pressure Regulator is factory adjusted to 15 PSI. This should yield a flow of about 1.5 oz./ sec.
The Water Pressure is relative to the Flow Rate and also relative to the Drink Strength.
The Pressure Regulator reduces the water pressure, coming in from the water line to 15 PSI as indicated by the Pressure Gauge.

WARNING: Pressure setting must not exceed 20 PSI to prevent dispense faucet from dripping.

To change the set pressure, loosen the locking nut, turn the knurled head on the Pressure Regulator, **clockwise (CW) to increase** the pressure, or **counterclockwise (CCW) to decrease** the pressure. When the desired Pressure is achieved, tighten back the locking nut on the Pressure Regulator.

VII. DAILY CLEANING:

Highly recommended for optimum Performance and to maintain a consistent Tea quality .
This cleaning process involves 2 quick steps.
1.Flushing out Tea Concentrate Deposits from the Venturi Valves, Dispense Faucets, and Connectors using warm soapy water.
2.Flushing out the Soapy water with clean warm water until all the soapy water has been flushed out.

For units with BIB connectors.
Note: To speed it up , you can perform this cleaning process for a max of 2 Faucets at a time.
Running more than 2 faucets will reduce the water pressure and flow rate.

1.Prop open the BIB connectors Valve with mating connectors taken from empty BIB containers
2.Place Connectors into a 1 gallon Jug with the soap solution.
3.Place empty Jugs under the dispense faucets, open Faucets and allow to run until all the soapy water in the 1 gallon Jug has been used up.
4.Reapeat the same process for the remaining faucets if needed.
5. Now Fill the container with warm, clean water and repeat the flushing process until all the soap has been flushed out.
6 Remove the mating connectors, attach lines to a BIB(s) and prime system by dispensing 3-4 drinks.

For units with Stainless Steel Suction Tubes.
Just place the Stainless Steel Suction tubes into a Jug with the warm soap solution and repeat steps 3-5 outlined above.

VIII. RECOMMENDED WEEKLY CLEANING AND SANITIZING PROCEDURES.

1. Sanitizes the Mixing Valve, Connectors and Faucets.

Shut- off the water supply to the dispenser by turning the RED Valve Handle in the back of the unit to OFF.
Open the faucets to relief pressure in the mixing system.

First Clean and rinse the whole mixing system same as outlined in the Daily cleaning procedure to remove product.
Prepare a sanitizing solution consisting of 2 TSP of liquid Chlorine to 1gallon of warm water.
Place the BIB connectors or Stainless Steel Suction Tubes into a container holding the sanitizing solution.
Place an empty 1 gal. container under the faucet and turn on the water supply.
Open up the water supply.
Open the faucet and allow it to run until all the Sanitizing solution is used up.
Let the dispenser sit overnight before flushing sanitizing solution out of the system.
To flush system Use a container of warm water, insert the connectors, open the faucets and let it run until all the Chlorine has been flushed out.

Taking apart, Cleaning, and Sanitizing the Dispense Faucets and Seals.

2. Turn-Off the water supply and relieve pressure by opening the faucets.
3. Unscrew the Bonnet and pull off the silicon Faucet Cup.
4. Wash Faucet parts in mild dishwater detergent,
5. Sanitize all parts in a Chlorine solution for 3 minutes, thoroughly rinse and re-assemble.
6. Note : Make sure Faucet Cup is seated firmly on the Faucet stem in order to prevent leaking.

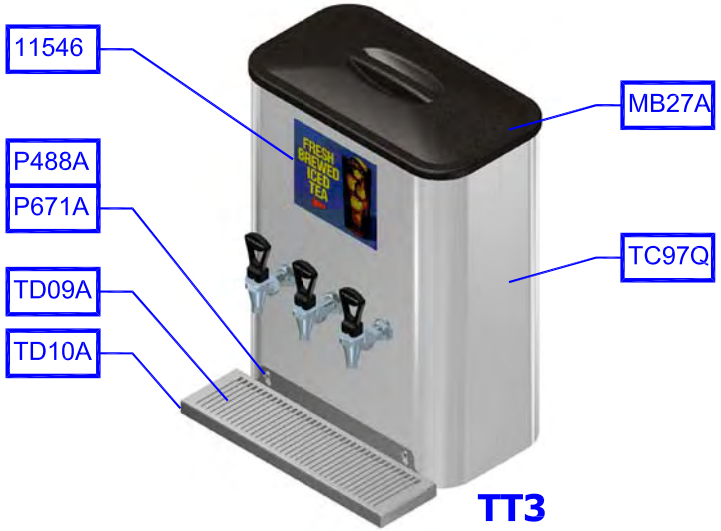
TROUBLESHOOTING GUIDE

PROBLEM	PROBABLE CAUSE	REMEDY
1 Dispenser leaks.	a) Connection from Faucet to Shank leaks	Tighten connection or Replace Faucet and Shank.
	b) Connection from Shank to Venturi Block leaks	Tighten connection or Replace Venturi Block
	c) Connection to Check Valve leaks.	Tighten connection or Replace Check Valve
	d) Connection to Water Inlet Fitting leaks.	Tighten connection or Replace
	e) Connection to Pressure Regulator leaks in or out	Tighten connection or Replace Pressure Regulator
	f) Connection to Pressure Gauge leaks	Tighten connection or Replace Pressure Gauge
	g) Connection to one of the hoses leaks	Tighten connection or Replace Hose
2 Tea too weak.	a) Not enough Tea in the container or bag.	Replace with new container or bag full of tea
	b) Adjustment Screw is too closed	Turn Adjustment Screw Counter Clockwise to increase the Strength.
	c) Water flow too low, causing not enough pressure in the water line to suck up enough product.	Check flow coming from Water Line. Make sure the valve lever is fully open on the incoming Water Line and on the Shut off Valve in the Dispenser (Red lever in Vertical Position) Check pressure gauge inside Dispenser (should read 15 PSI)
	d) Clogged Hoses or Venturi Block	Clean Dispenser by running hot water thru the system. See cleaning.
	e) Leak in the Water Line	Tighten connection or Replace leaking Component.
	f) Hose is air locked – too much air is inside hose. Air sections are locked between product sections.	Remove Fitment or SS Tube from Product Container and Clean system. Then prime. See section VII.
3 Tea too strong.	a) Adjustment Screw is too opened	Turn Adjustment Screw Clockwise to decrease the Strength.
	b) Water flow too high, causing too much pressure in the water line.	Check Pressure Gauge inside Dispenser (should read 15 PSI) Adjust Pressure Regulator to read to 15 PSI.
4 Water keeps dripping from nozzle.	a) Leaking Faucet Bonnet.	Replace Faucet.
5 No water is coming from nozzle.	a) Shut-Off Valve in Water Line is not turned on.	Turn valve ON.
	b) Shut-Off Valve on Dispenser is not turned on.	Turn Valve ON (Red Lever in Vertical Position)

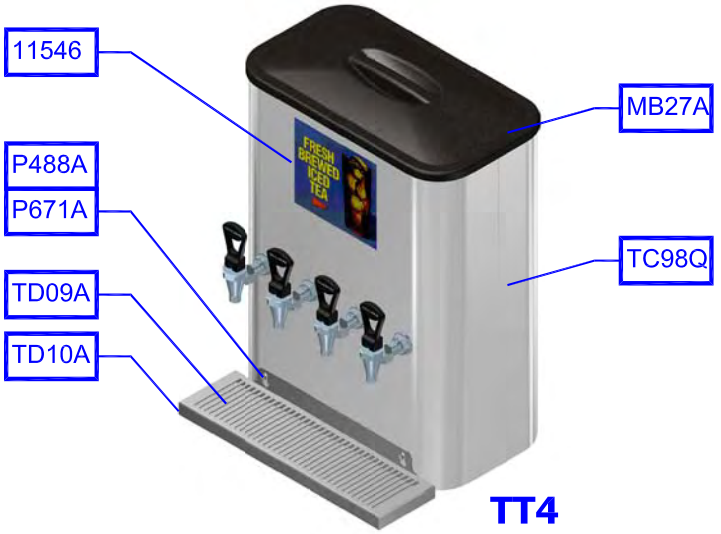
TEA TAP BODY ASSEMBLY

TT1

TT2

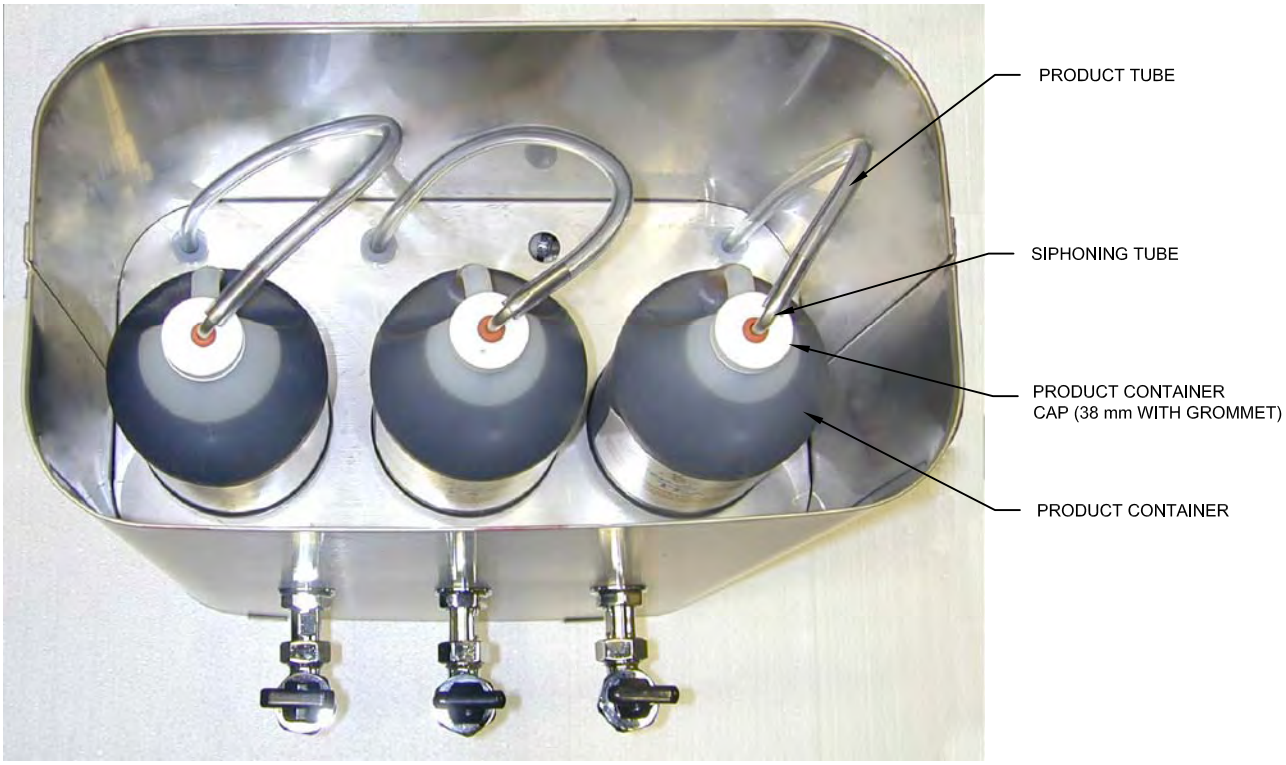


TT3

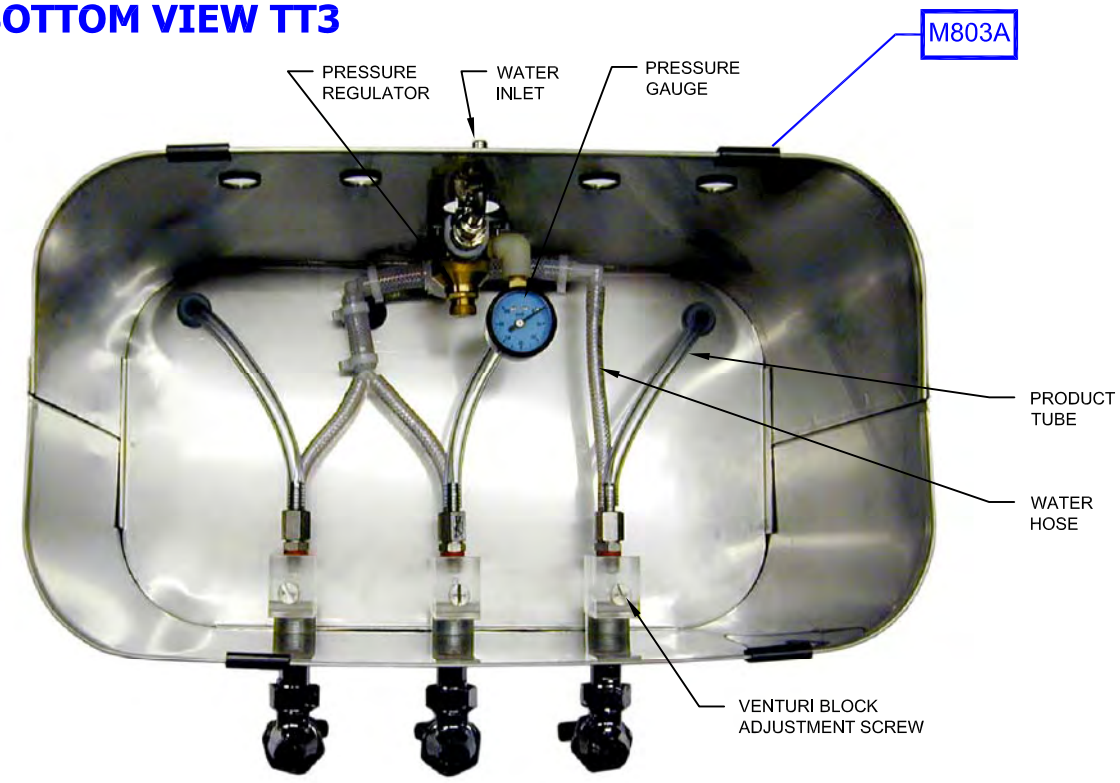


TT4

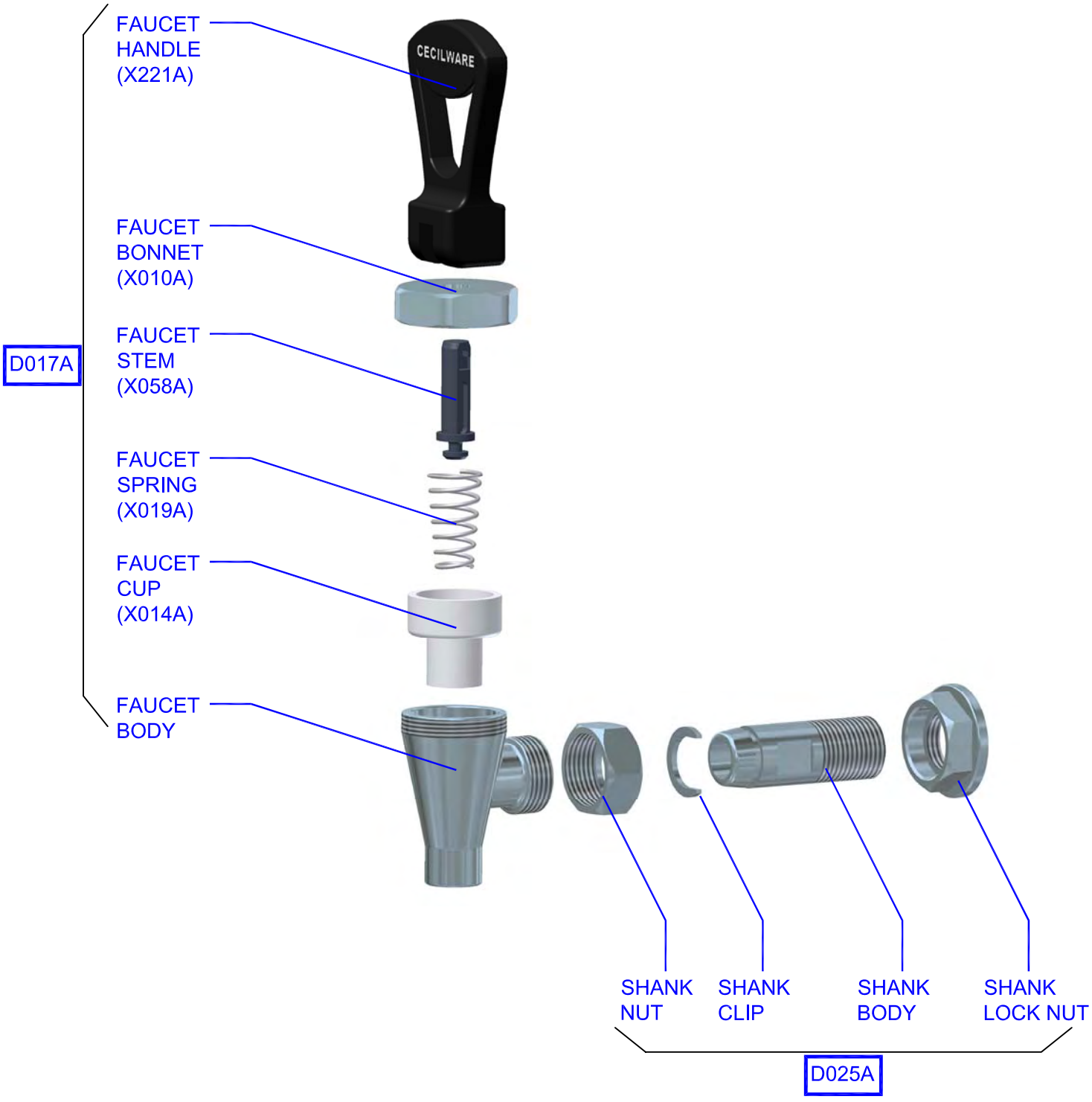
TOP VIEW TT3 (COVER REMOVED)



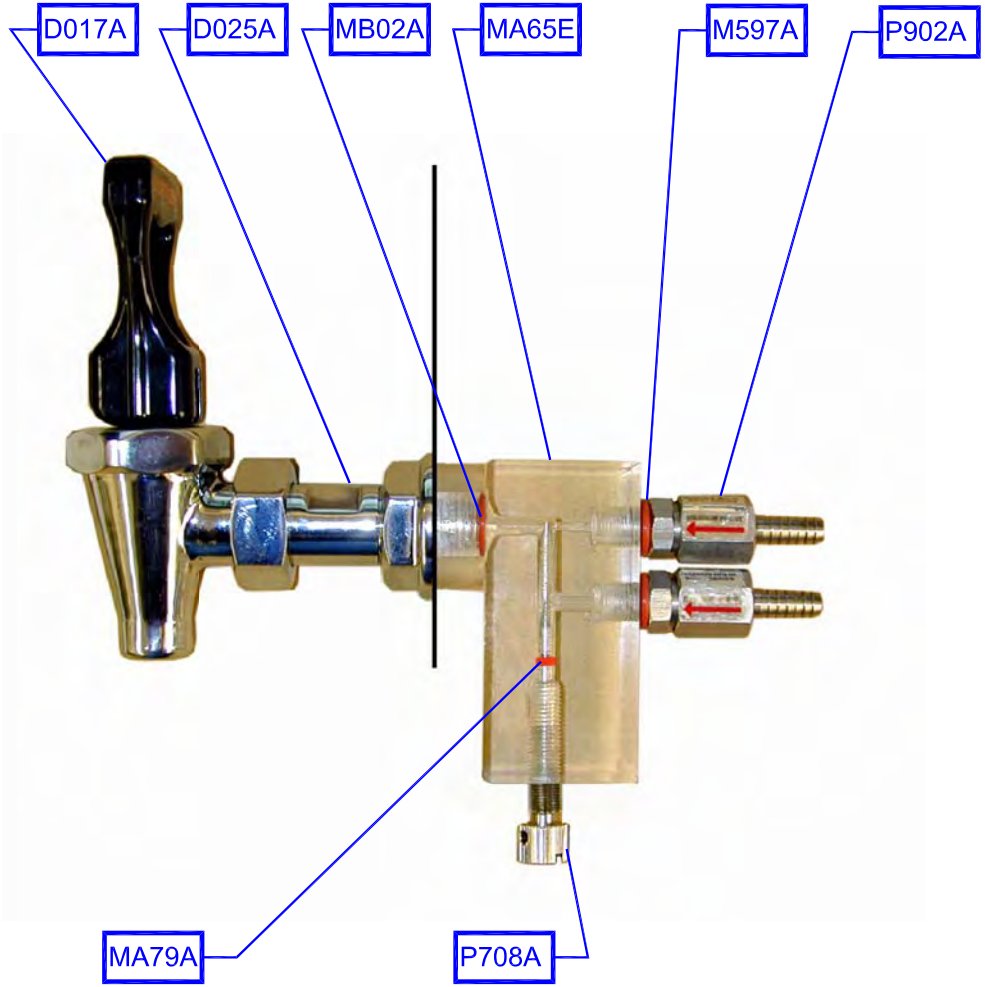
BOTTOM VIEW TT3



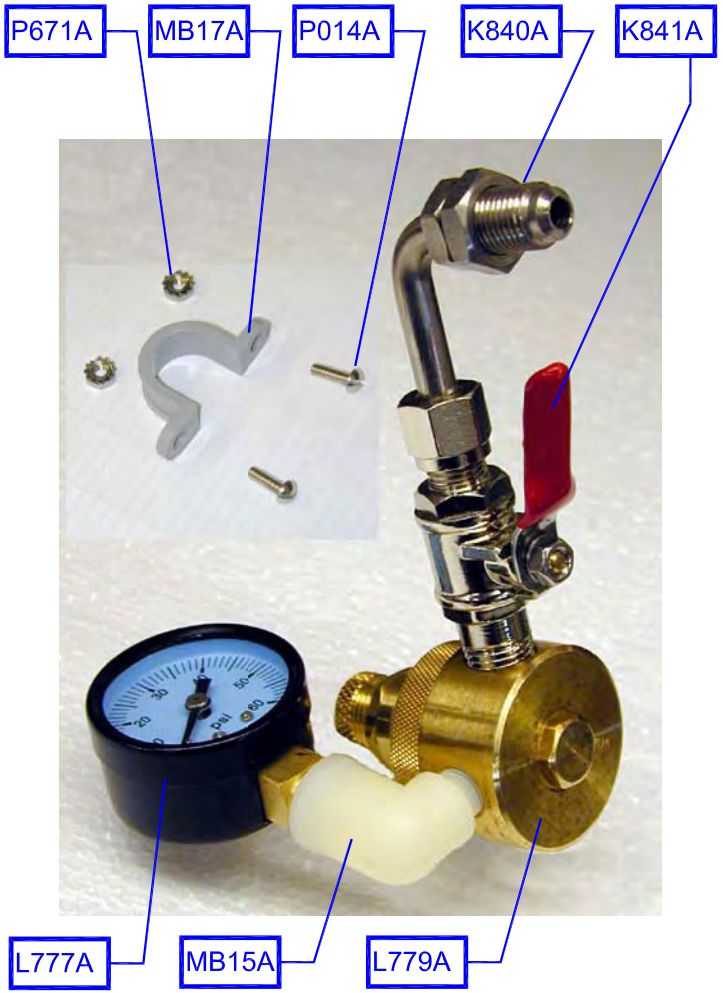
TEA TAP FAUCET PARTS ASSEMBLY



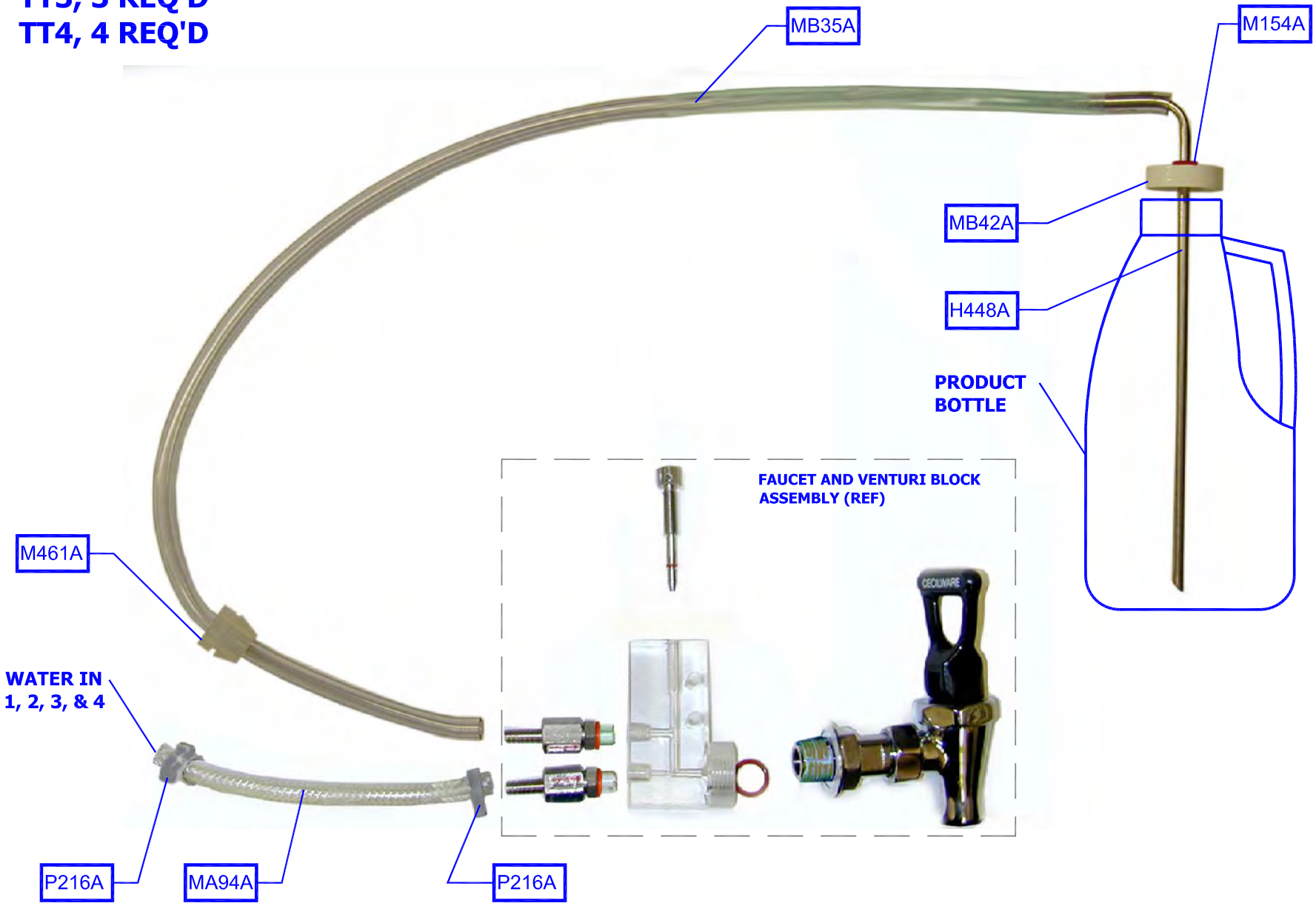
FAUCET AND VENTURI BLOCK ASSEMBLY



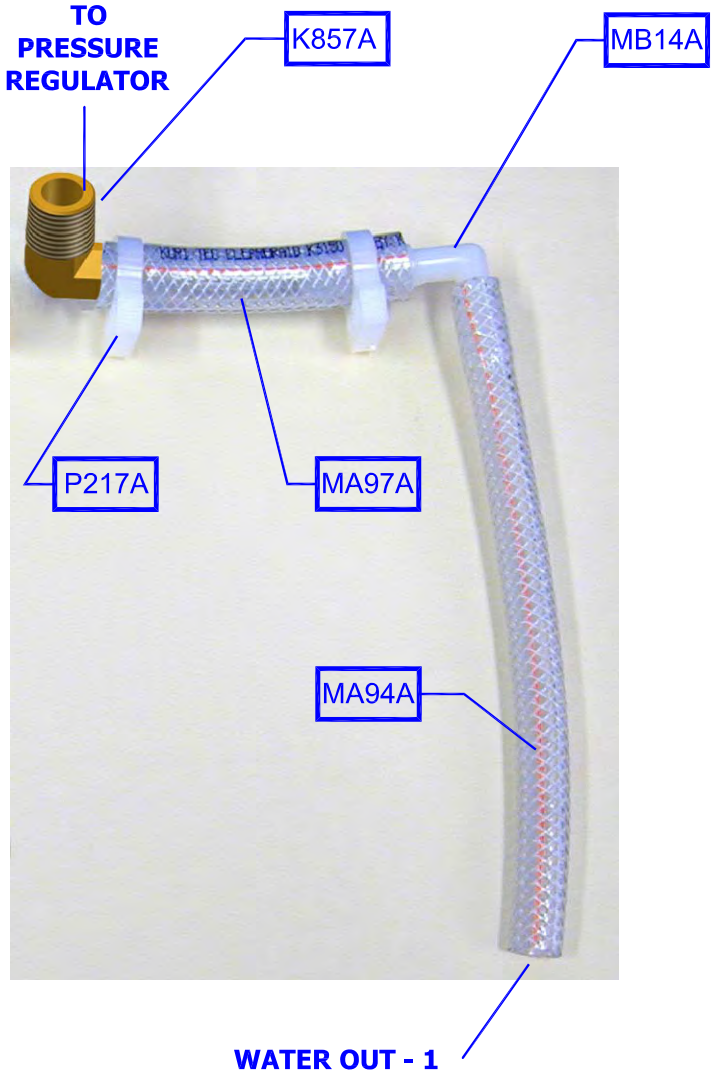
WATER INLET AND REGULATOR ASSEMBLY



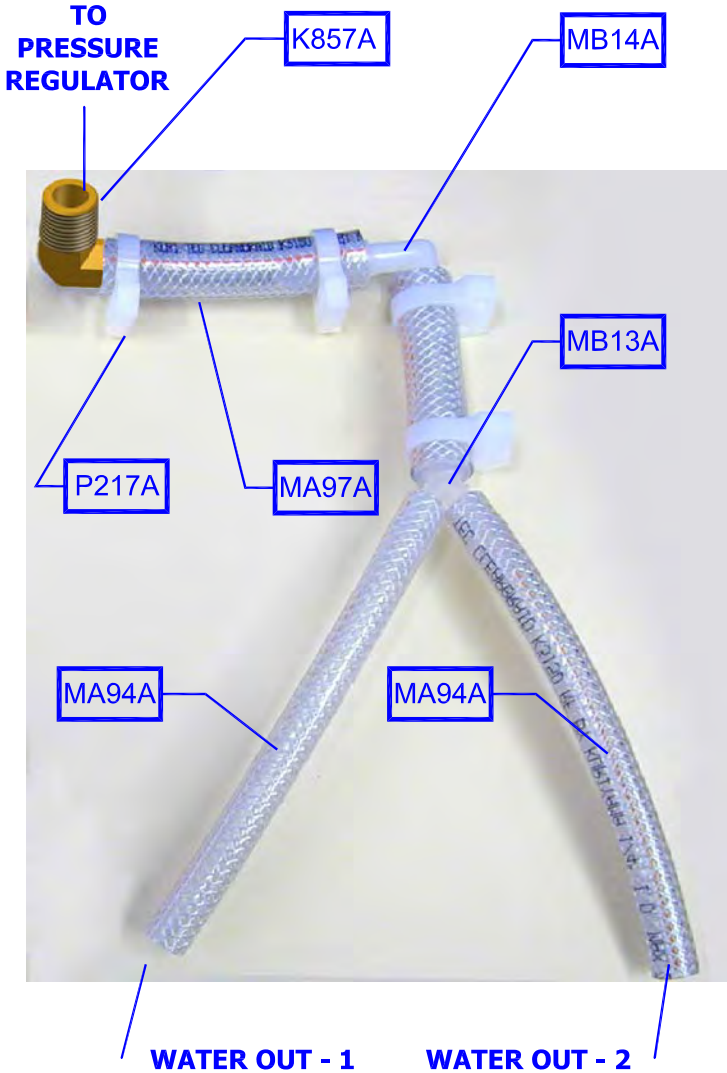
PRODUCT LINE ASSEMBLY
TT1, 1 REQ'D
TT2, 2 REQ'D
TT3, 3 REQ'D
TT4, 4 REQ'D



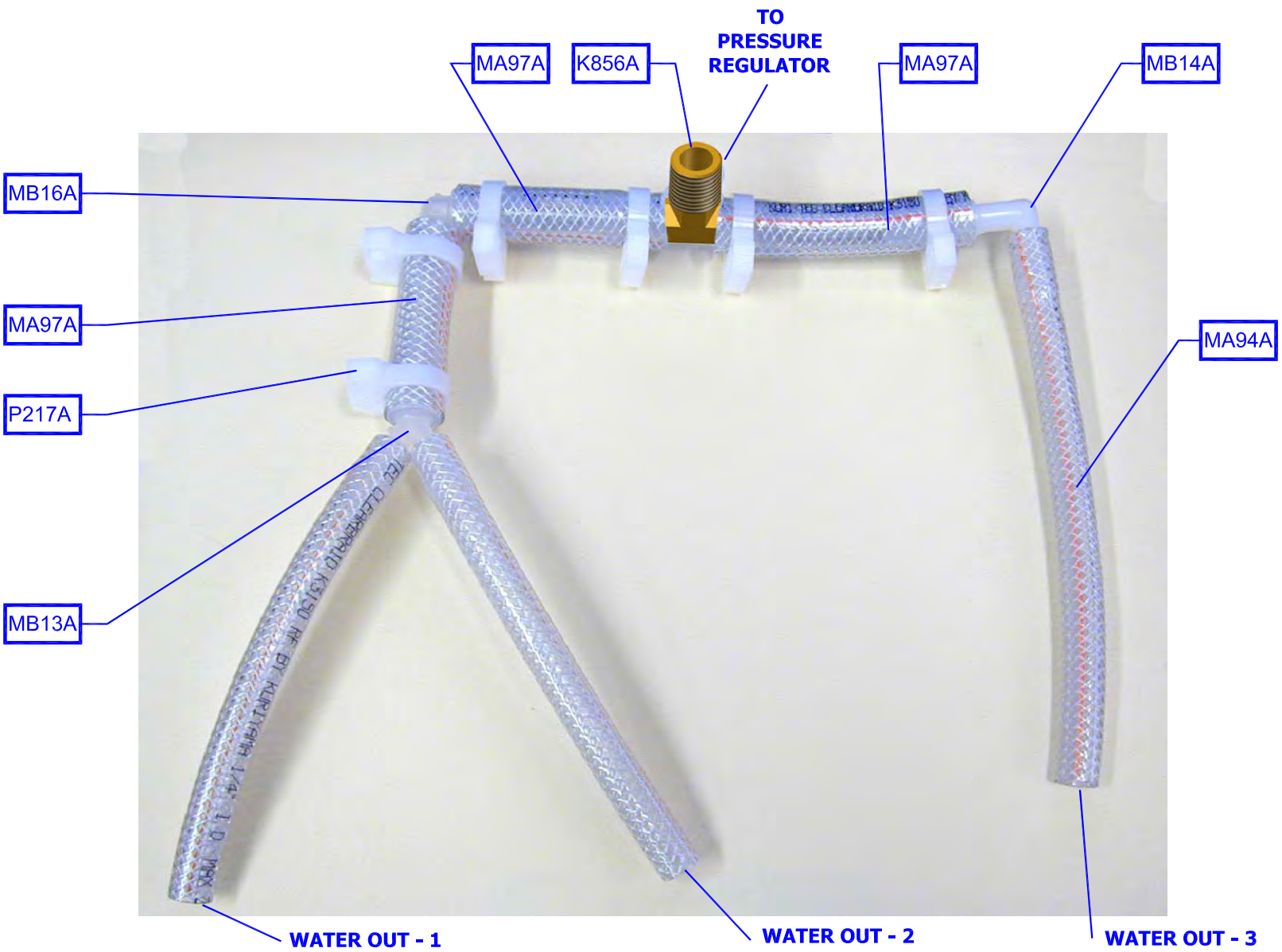
WATER BRANCH ASSEMBLY (TT1)



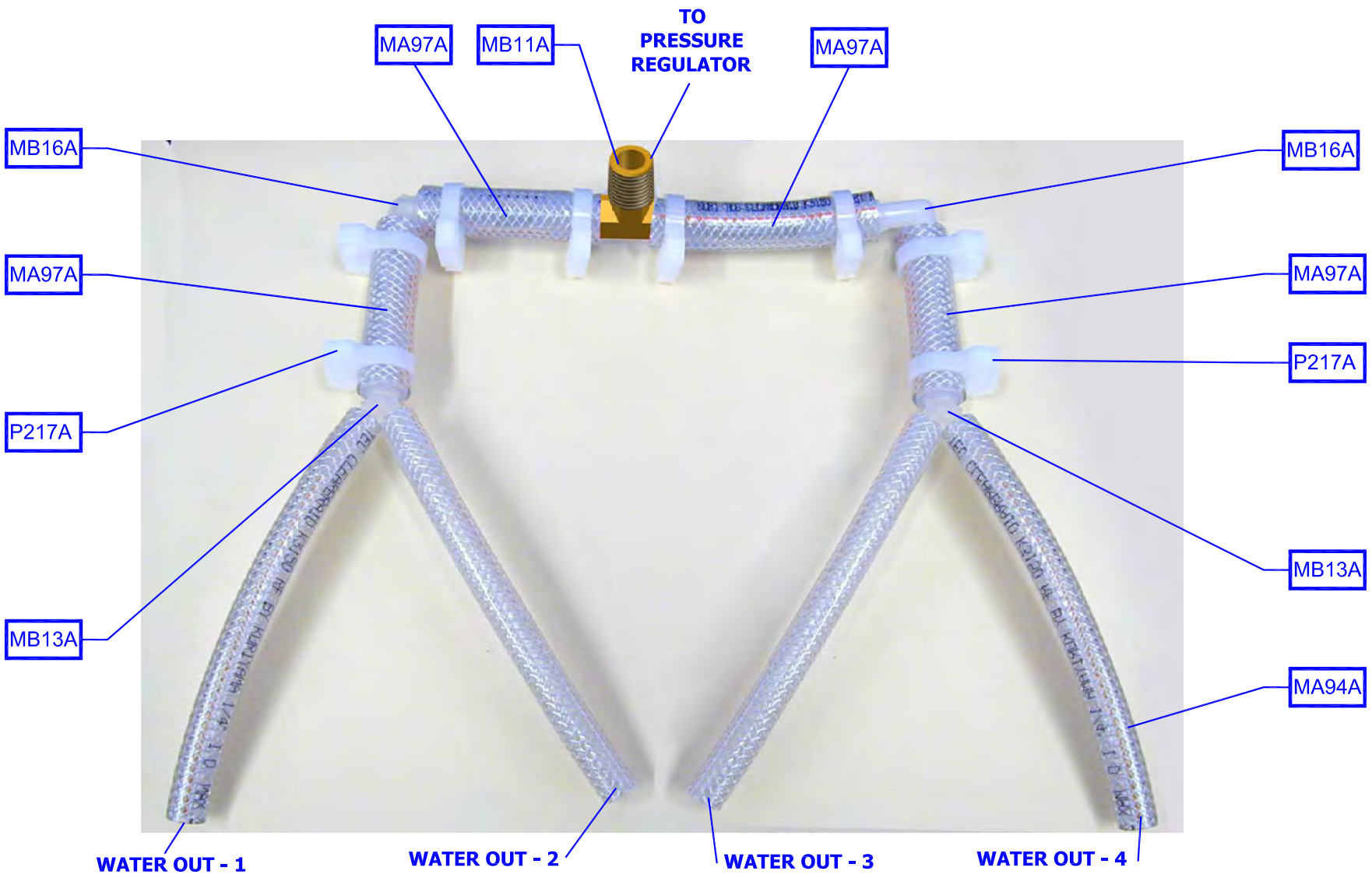
WATER BRANCH ASSEMBLY (TT2)



WATER BRANCH ASSEMBLY (TT3)



WATER BRANCH ASSEMBLY (TT4)

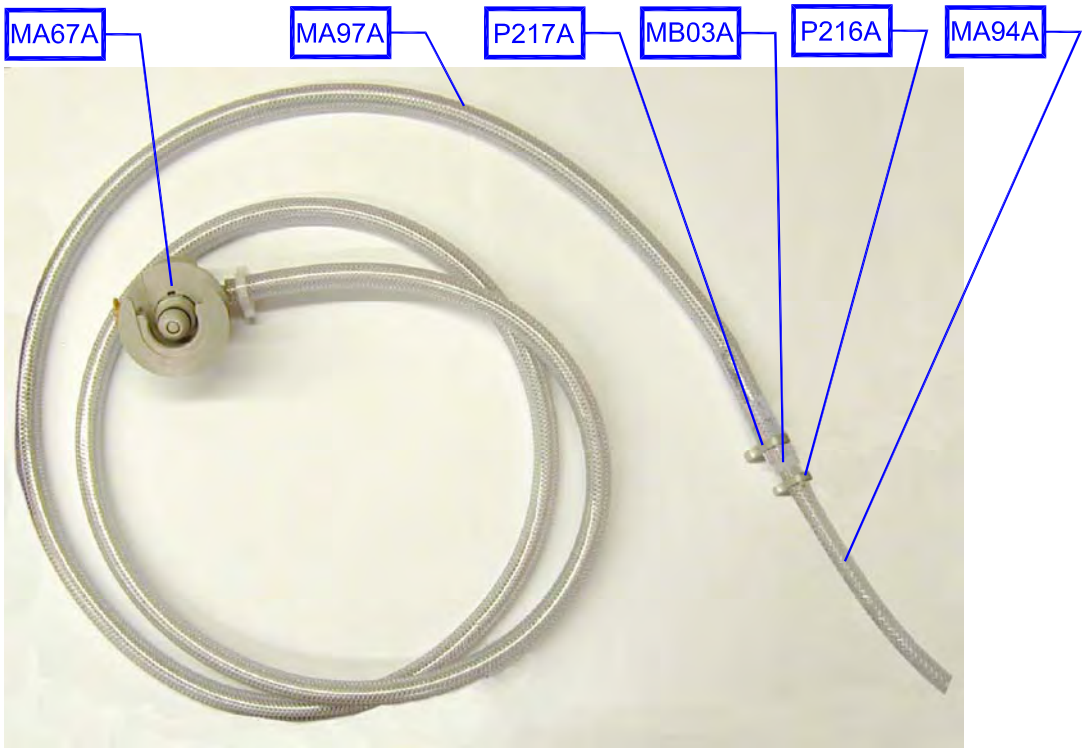


PARTS LIST - TEA TAP

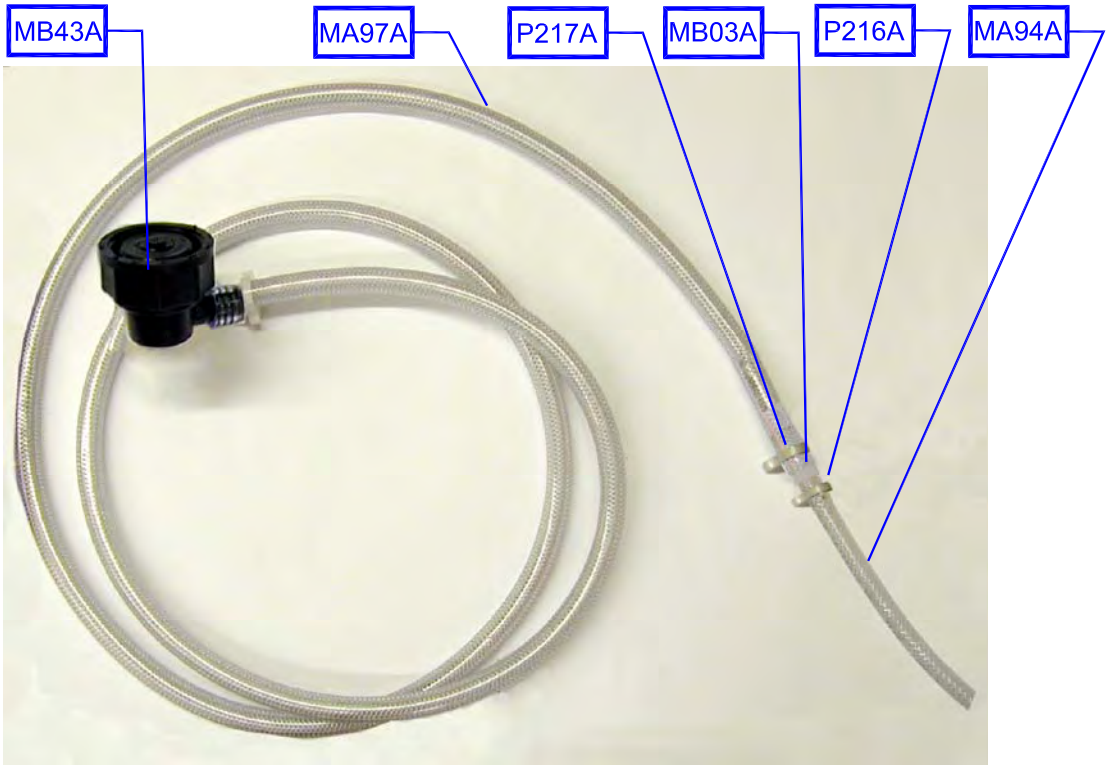
PART #	DESCRIPTION	QTY			
		TT1	TT2	TT3	TT4
15546	LABEL, FRESH BREWED ICE TEA	1	1	1	1
D017A	FAUCET ASSEMBLY	1	2	3	4
D025A	SHANK, SHORT	1	2	3	4
H448A	SIPHONING TUBE	1	2	3	4
K840A	WATER INLET FITTING	1	1	1	1
K841A	ON-OFF VALVE	1	1	1	1
K856A	TEE - FITTING, 1/4 NPT x 3/8 BARBS	0	0	1	1
K857A	ELBOW FITTING, 1/4 NPT x 3/8 BARB	1	1	0	0
L777A	PRESSURE GAUGE	1	1	1	1
L779A	PRESSURE REGULATOR	1	1	1	1
M154A	GROMMET, RED SILICONE	1	2	3	4
M461A	SILICONE SEAL, 12 mm	1	2	3	4
M597A	O-RING, RED SILICONE # 013	2	4	6	8
M803A	EDGE WEAR STRIP	4	4	4	4
MA65E	VENTURI BLOCK	1	2	3	4
MA79A	O-RING, RED SILICONE # 004	1	2	3	4
MA94A	BRAID REINF. SILICONE TUBING 1/4" ID (0.6 FT)	1	2	3	4
MA97A	BRAID REINF. SILICONE TUBING 3/8" ID (0.2 FT)	1	2	3	4
MB02A	O-RING, RED SILICONE # 113	1	2	3	4
MB13A	WYE - FITTING, 3/8 ID x 1/4 ID BARBS	0	1	1	2
MB14A	ELBOW, 3/8 ID x 1/4 ID - BARBS	0	0	1	0
MB15A	ELBOW FITTING, 1/8 M NPT x 1/8 F NPT	1	1	1	1
MB16A	ELBOW, 3/8 - BARBS	0	0	1	2
MB17A	PLASTIC PIPE STRAP	1	1	1	1
MB27A	TOP COVER, TT3-TT4	0	0	1	1
MB28A	TOP COVER, TT1-TT2	1	1	0	0
MB35A	1/4" TUBING, CLEAR PVC (3.3 FT)	1	2	3	4
MB42A	PRODUCT BOTTLE CAP 38 mm	1	2	3	4
NQ37A	OPERATION MANUAL	1	1	1	1
NR22A	VALVE CAUTION LABEL	1	1	1	1
NR23A	ELECTRICAL DATA LABEL, TEA TAP	1	1	1	1
P014A	SCREW, 8-32 x 1/2, RD HD, BRASS, NKL PLD	2	2	2	2
P216A	HOSE CLAMP, SNP-4	4	8	12	16
P217A	HOSE CLAMP, SNP-10	2	4	6	8
P488A	THUMB SCREW, 8-32 x 3/8	2	2	2	2
P671A	KEP-NUT 8-32	2	2	2	2
P708A	ADJUSTMENT FLOW SCREW	1	2	3	4
P902A	CHECK VALVE	2	4	6	8
P908A	COPPER FLARE GASKET	1	1	1	1
TC90Q	BODY ASSEMBLY, TT4	0	0	0	1
TC94Q	BODY ASSEMBLY, TT2	0	1	0	0
TC97Q	BODY ASSEMBLY, TT3	0	0	1	0
TC98Q	BODY ASSEMBLY, TT1	1	0	0	0
TD09A	DRIP TRAY PAN, TT3-TT4	0	0	1	1
TD10A	DRIP TRAY GRILL, TT3-TT4	0	0	1	1
TD11A	DRIP TRAY PAN, TT1-TT2	1	1	0	0
TD12A	DRIP TRAY GRILL, TT1-TT2	1	1	0	0

FOR REMOTE BIB OPERATION

LIQUI-BOX KIT # X228A



SCHOLLE KIT # X229A

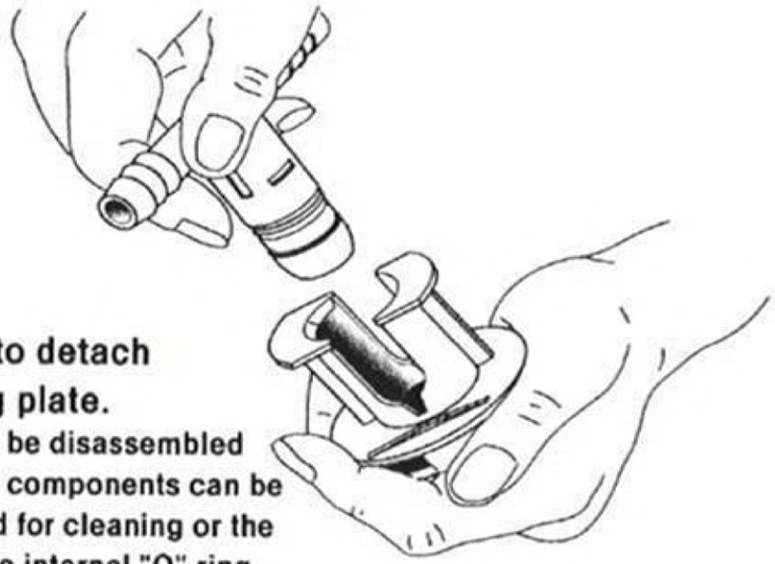


PARTS LIST - TEA TAP

PART #	DESCRIPTION	QTY			
		TT1	TT2	TT3	TT4
LIQUI-BOX KIT # X228A:					
MA67A	PRODUCT BOX CONNECTOR (LIQUI-BOX QC/ D II)	1	2	3	4
MA97A	BRAID REINF. SILICONE TUBING 3/8" ID (FT)	1	2	3	4
P217A	HOSE CLAMP, SNP-10	1	2	3	4
MB03A	HOSE BARB REDUCER 3/8 x 1/4	1	2	3	4
P216A	HOSE CLAMP, SNP-4	1	2	3	4
MA94A	BRAID REINF. SILICONE TUBING 1/4" ID (FT)	1	2	3	4
MB35A	1/4" TUBING, CLEAR PVC (FT)	1	2	3	4
SCHOLLE KIT # X229A:					
MB43A	PRODUCT BOX CONNECTOR (SCHOLLE 1910L)	1	2	3	4
MA97A	BRAID REINF. SILICONE TUBING 3/8" ID (FT)	1	2	3	4
P217A	HOSE CLAMP, SNP-10	1	2	3	4
MB03A	HOSE BARB REDUCER 3/8 x 1/4	1	2	3	4
P216A	HOSE CLAMP, SNP-4	1	2	3	4
MA94A	BRAID REINF. SILICONE TUBING 1/4" ID (FT)	1	2	3	4
MB35A	1/4" TUBING, CLEAR PVC (FT)	1	2	3	4

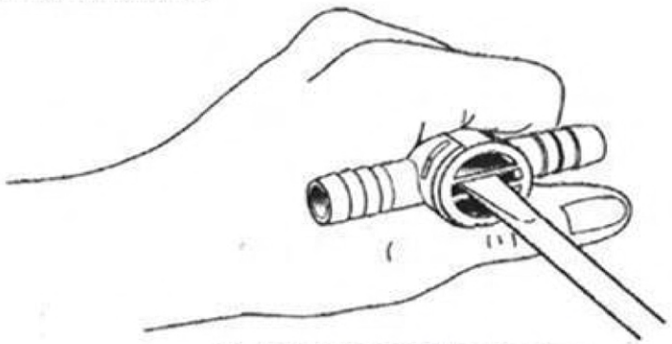
QC/D II Assembly and Maintenance

CECILWARE PART No. MA67A



Twist probe to detach from locking plate.

The probe can be disassembled so the internal components can be easily removed for cleaning or the changing of the internal "O" ring. The external "O" ring can be changed when the probe is in the forward position.



2. Disassemble Probe.

Using a flat bladed screwdriver insert and turn counterclockwise to unlock probe assembly