Tes

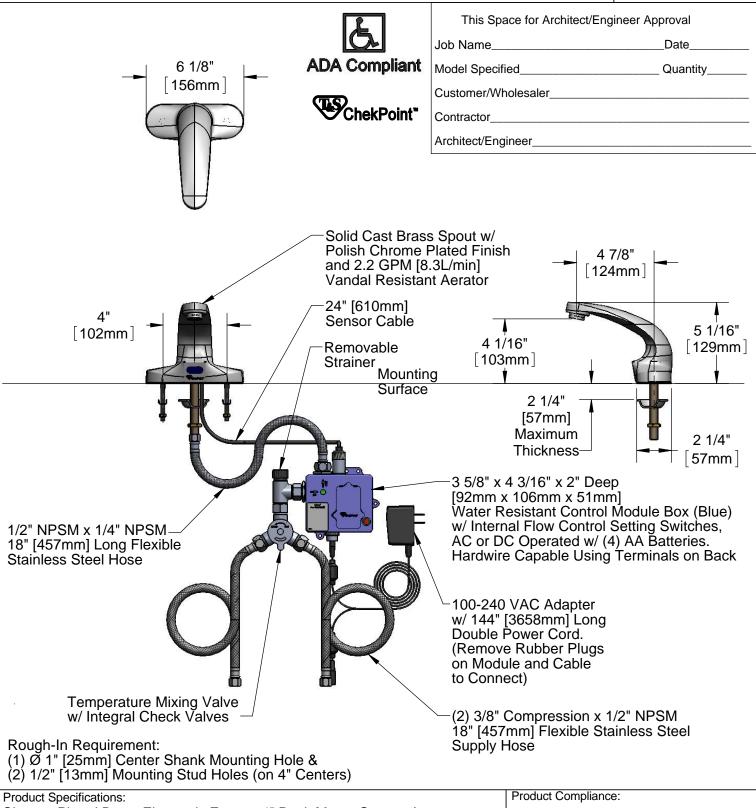
T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690 Model No.

EC-3103

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com



Chrome Plated Brass Electronic Faucet: 4" Deck Mount Spout w/ VR Aerator, AC/DC Control Module w/ Internal Flow Control Setting Switches, Temperature Control Mixing Valve w/ Integral Check Valves, 18" Long Hot & Cold Supply Stop Flexible Connector Hoses

ASME A112.18.1 / CSA B125.1 NSF 61 - Section 9 NSF 372 (Low Lead Content) ANSI A117.1 (ADA) UL 1951

Drawn: GEF Checked: DMH Approved: JHB Date: 05/07/14 Scale: 1:6 Sheet: 1 of 2



2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

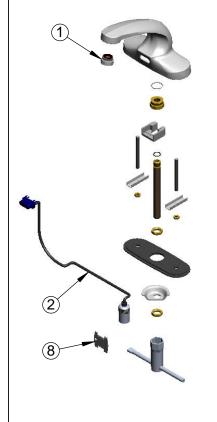
Model No.

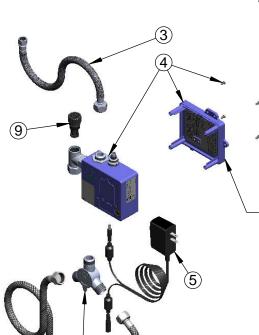
EC-3103

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| ITEM NO. | SALES NO. | DESCRIPTION |
|-------------|-----------|--|
| 1 | 016355-45 | Aerator w/ Key, Vandal Resistant, 2.2 GPM, 13/16-27 Male |
| 2 | 017195-45 | Angled Sensor w/ Cable |
| 3 | 016297-45 | Inlet Hose, Faucet, 1/2" NPSM-F x 1/4" NPSM-F |
| 4 | 016647-45 | ChekPoint Module (Blue) |
| 5 | 5EF-0002 | Double Gang, Plug-in A/C Transformer |
| 6 | 5EF-0006 | Mechanical Mixing Valve |
| 7 | 5EF-0005 | Supply Hose, 9/16-24 Female x 1/2" NPSM |
| 8 | 015425-45 | Vandal Resistant Key |
| 9 | EC-FILTER | Replacement Filter |





A Maximum of (8) ChekPoint Faucets can be Hardwire Connected and Powered by EC-HARDWIRE ChekPoint Hardwire AC Transformer. (Sold Separately)

Label for Flow Control Switch Settings is Located on Inside of Back Cover.

Flow Control Switches are Located Inside Module Housing in Black Box Next to Battery Compartment.

- *Switches are Set to DEFAULT Position:
 - Auto Time Out = 15 Seconds
 - Shut Off Delay = 1 SecondAuto Flush = OFF

Remove (4) Screws and Back Cover to Access Switches.

- *Available Water Flow Control Selections:
- Auto Time Out: 15 sec, 30 sec, 45 sec, 60 sec, 3 min, 20 min Shut Off Delay: 1 sec, 10 sec, 15 sec, 30 sec
- Auto Flush (30 Seconds After Every 12 Inactive Hours): ON or OFF

Product Specifications:

Chrome Plated Brass Electronic Faucet: 4" Deck Mount Spout w/ VR Aerator, AC/DC Control Module w/ Internal Flow Control Setting Switches, Temperature Control Mixing Valve w/ Integral Check Valves, 18" Long Hot & Cold Supply Stop Flexible Connector Hoses

Product Compliance:

ASME A112.18.1 / CSA B125.1 NSF 61 - Section 9 NSF 372 (Low Lead Content) ANSI A117.1 (ADA) UL 1951

Drawn: **GEF** Checked: DMH Approved: Date: 05/07/14 Scale: NTS Sheet: 2 of 2

Tes

T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690 Model No.

EC-3103-BA

Sheet: 1 of 2

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| This Space for Architect/Engineer A | pproval | | | | Mountir De | |
|---|--|---|--|--|--|---------------------|
| Job Name | Date | | | · | عر "5/16" (2X | |
| Model Specified | _ Quantity | 4540 | 1! 4 | (2 | 8mm-25] | mm] Ø1" |
| Customer/Wholesaler | | ADA Comp | ollant | | | [25mm] |
| Contractor | | ருல | | | | → → - |
| Architect/Engineer | | ChekPo | int™ | ¦ 2" | | \downarrow |
| 6 1/8" [156mm] | • ° | olid Cast Brass Sp | oout | [51mi | | 4" 02mm] |
| | w aı | / Polish Chrome F nd 2.2 GPM [8.3L/ andal Resistant A | Plated Finis min] | sh — | 4 13/16" [123mm] | - |
| 4" [102mm] | 24" [610mm Sensor Cab Remova Strainer | le . | 4 1/ [103 | /16" | | 5 1/16" [129mm] |
| | | | | 2 1/4" [57mm Maximu Thicknes | m ss | 2 1/4" [57mm] |
| 1/2" NPSM x 1/4" NPSM— 18" [457mm] Long Flexible St. Steel Hose | | [92 Wa w/ AC | mm x 106 iter Resist Internal Fl or DC Op | 6" x 2" Dee mm x 51mr ant Control ow Control erated w/ (a pable Using | Module Bo Setting Sw 1) AA Batte | itches, ´ eries. |
| | | w/ Do (Re on | uble Powe | Bmm] Long er Cord. bber Plugs | | |
| Temperature Mixing Valve w/ Integral Check Valves | | 18" | | | ainless | |
| Product Specifications: Chrome Plated Brass Electronic | : Faucet: 4" Ce | nterset Deck Mo | unt | Drawn | Checked | Approved |
| Spout w/ VR Aerator, AC/DC C | ontrol Module v | vith Internal Flow | Control | KJG | GEF | JHB |
| Setting Switches, Temperature Valves, 18" Long Hot & Cold Su | | | | Scale: | 6 | Date: 07/20/12 |
| Taivoo, io Long ilot a cold of | APPIN CLOP I ICA | | 5555 | 1: | U | 07/20/12 |



2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

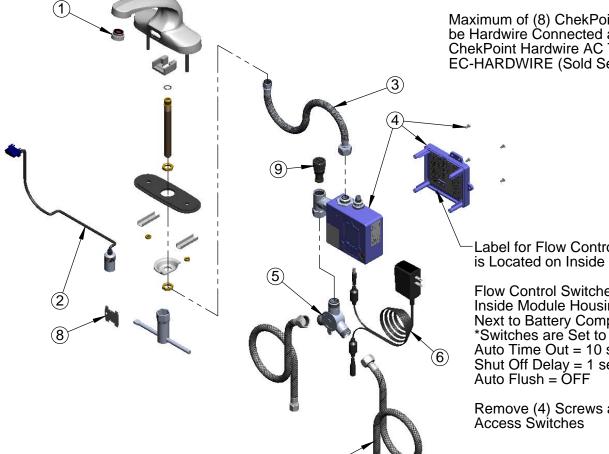
Model No.

EC-3103-BA

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| , | | |
|-------------|-----------|---|
| ITEM NO. | SALES NO. | DESCRIPTION |
| 1 | 016355-45 | 2.2 GPM VR Aerator w/ Key |
| 2 | 017195-45 | Angled Sensor w/ Cable |
| 3 | 016297-45 | Inlet Hose, Faucet, 1/2" NPSM-F x 1/4" NPSM-F |
| 4 | 016647-45 | ChekPoint Module (Blue) |
| 5 | 5EF-0006 | Mechanical Mixing Valve |
| 6 | 5EF-0002 | Double Gang, Plug-in AC Transformer |
| 7 | 5EF-0005 | Supply Hose, 9/16-24 Female x 1/2" NPSM |
| 8 | 015425-45 | Vandal Resistant Key |
| 9 | EC-FILTER | Replacement Filter |



Maximum of (8) ChekPoint Faucets Can be Hardwire Connected and Powered by ChekPoint Hardwire AC Transformer. EC-HARDWIRE (Sold Separately)

> Label for Flow Control Switch Settings is Located on Inside of Back Cover

Flow Control Switches are Located Inside Module Housing in Black Box Next to Battery Compartment.
*Switches are Set to DEFAULT Position: Auto Time Out = 10 seconds Shut Off Delay = 1 second

Remove (4) Screws and Back Cover to

- *Available Water Flow Control Selections:
- (6) Auto Time Out Selections 10 sec, 25 sec, 45 sec, 60 sec, 3 min, 20 min (4) Shut Off Delay Selections 1 sec, 2 sec, 4 sec, 10 sec

Auto Flush for 30 Seconds After Every 12 Inactive Hours - ON or OFF

Product Specifications:

Chrome Plated Brass Electronic Faucet: 4" Centerset Deck Mount Spout w/ VR Aerator, AC/DC Control Module with Internal Flow Control Setting Switches, Temperature Control Mixing Valve w/ Integral Check Valves, 18" Long Hot & Cold Supply Stop Flexible Connector Hoses

| Drawn | Checked | Approved |
|--------|---------|----------|
| KJG | GEF | JHB |
| Scale: | | Date: |
| NΤ | ΓS | 07/20/12 |

2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

EC-3103-HG

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| • | • • | | | | |
|--|---|--|---|---|----------------------------------|
| This Space for Architect/En | gineer Approval | | | Mounting | a Hole |
| Job Name | Date | | 1 | Deta | |
| Model Specified | Quantity | <u> </u> | (2X) Ø 5/16" to | Ø1" | Ø1" |
| Customer/Wholesaler | | ADA Compliant | [8mm-25mm | | [25mm] |
| Contractor | | | | | () () - |
| Architect/Engineer | | _ ChekPoint* | 2" | | |
| 6 | 1/8" 56mm] ——————————————————————————————————— | Solid Cast Brass Sp w/ Polish Chrome P and 2.2 GPM [8.3L/ Vandal Resistant Ad [610mm] isor Cable | oout lated Finish min] | | 4" 02mm] 4 7/8" [123mm] |
| 2 1/4" [51mm] Maximum Thickness 1/2" NPSM x 1/4" NPSM- 18" [457mm] Long Flexible Stainless Steel Hose Hydro-Generator Power Supply. No AA Batteries or AC Adapter Needed to Supply Power to Faucet | Stra | [92mn Water w/ Inte AC or if Hyd Hardw Option Adapt Long (Include (Remoon Moon to Contact | x 4 3/16" x 2" Deen x 106mm x 51m Resistant Control Pernal Flow Control DC Operated w/ (Pro-Generator is No Prire Capable Using That 100-240 VAC er w/ 144" [3658m Double Power Control Dove Rubber Plugs Fordule and Cable Innect) | ep m] I Module B Setting Sv (4) AA Batt ot Used. g Terminal | witches, ´ eries |
| Temperature Mixing Va w/ Integral Check Valve | | ——(2) 3/8" Compressi 18" [457mm] Flexil Steel Supply Hose | | | |
| Product Specifications: | | | Drawn | Checked | Approved |

Chrome Plated Brass Electronic Faucet: 4" Deck Mount Spout w/ VR Aerator, AC/DC Control Module w/ Internal Flow Control Setting Switches, Temperature Control Mixing Valve w/ Integral Check Valves, Hydro-Generator, 18" Long Hot & Cold Supply Stop Flexible Connector Hoses

| Drawn Checked | | Approved |
|---------------|-----|----------|
| KJG | GEF | JHB |
| Scale: | | Date: |
| 1: | 8 | 07/20/12 |



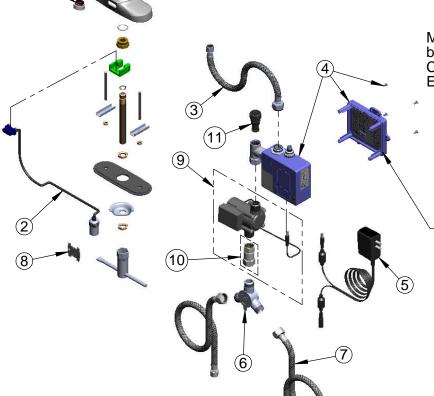
2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690 Model No.

EC-3103-HG

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| ITEM NO. | SALES NO. | DESCRIPTION |
|-------------|-------------|--|
| 1 | 016355-45 | Aerator w/ Key, Vandal Resistant, 2.2 GPM, 13/16-27 Male |
| 2 | 017195-45 | Angled Sensor w/ Cable |
| 3 | 016297-45 | Inlet Hose, Faucet, 1/2" NPSM-F x 1/4" NPSM-F |
| 4 | 016647-45 | ChekPoint Module (Blue) |
| 5 | 5EF-0002 | Double Gang, Plug-in AC Transformer |
| 6 | 5EF-0006 | Mechanical Mixing Valve |
| 7 | 5EF-0005 | Supply Hose, 9/16-24 Female x 1/2" NPSM |
| 8 | 015425-45 | Vandal Resistant Key |
| 9 | EC-HYDROGEN | Hydro-generator and Swivel Coupling |
| 10 | 017506-45 | 1/2 NPSM Swivel Coupling |
| 11 | EC-FILTER | Replacement Filter |



Maximum of (8) ChekPoint Faucets Can be Hardwire Connected and Powered by ChekPoint Hardwire AC Transformer. EC-HARDWIRE (Sold Separately)

Label for Flow Control Switch Settings is Located on Inside of Back Cover.

Flow Control Switches are Located Inside Module Housing in Black Box Next to Battery Compartment.
*Switches are Set to DEFAULT Position: Auto Time Out = 10 seconds
Shut Off Delay = 1 second
Auto Flush = OFF

Remove (4) Screws and Back Cover to Access Switches.

*Available Water Flow Control Selections:

(6) Auto Time Out Selections - 10 sec, 25 sec, 45 sec, 60 sec, 3 min, 20 min

(4) Shut Off Delay Selections - 1 sec, 2 sec, 4 sec, 10 sec

Auto Flush for 30 Seconds After Every 12 Inactive Hours - ON or OFF

| Product Specifications: | Drawn | Checked | Approved |
|---|--------|---------|----------|
| Chrome Plated Brass Electronic Faucet: 4" Deck Mount Spout w/ VR Aerator, AC/DC Control Module w/ Internal Flow Control Setting | KJG | GEF | JHB |
| Switches, Temperature Control Mixing Valve w/ Integral Check Valves, | Scale: | • | Date: |
| Hydro-Generator, 18" Long Hot & Cold Supply Stop Flexible Connector Hoses | N | ΓS | 07/20/12 |

2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

EC-3103-LF22

Item No.

avelers Rest SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fay: 864-834-3518 • www.tshrass.com

| 11avcicis (1cst, 00. 000 470 4105 - 011 | ili valicy, OA. 000 | 423 0 130 ° 1 ax. 004 034 | 3310 | www.tabiaa | 3.00111 | |
|---|---|---|--|---|---|---|
| This Space for Architect/Engineer Ap | proval | | <u> </u> ! | 1 | Mounting H Detail | lole |
| Job Name | _Date | | | | | ₫4 " |
| Model Specified | Quantity | <u> </u> | (2X) | $ ot\!\!\!/ 5/16"$ to $^\circ$ | ⊅1" nl⊸ | ∅1" / [25mm] |
| Customer/Wholesaler | | ADA Compliant | | | | |
| Contractor | | | | | - () | ФФ- |
| Architect/Engineer | | TS ChekPoint™ | | 2" [51mm] | _ | _ |
| Solid Cast Brass Spout w/ Polish Chrome Plated Finish and 2.2 GPM Vandal Resistant Aerator. Optional 2.2 GPM VR Laminar Device (Included) 4" [102mm] 1/2" NPSM x 1/4" NPSM 18" [457mm] Long Flexible Stainless Steel Hose | 24" [610r Sensor C Remova Strainer | mm] Cable | 2mm x fater R Intern C or Dr ardwire | al Flow Co C Operated e Capable 4 1/16" [03mm] 4 1/4" [57mm] Maximur Thicknes | " Deep 51mm] ontrol Moduntrol Settird w/ (4) AA Using Term 4 7/8" [123mm] | dle Box (Blue) ng Switches, Batteries. ninals on Back 5 1/16" [129mm] 2 1/4" [57mm] |
| Temperature Mixing Valve w/ Integral Check Valves — | | on Module to Connect (2) 3/8" Con 18" [457mn Steel Supp |) mpres: n] Flex | sion x 1/2" tible Stainle | NPSM ess | |
| Product Specifications: | | | | Drawn | Checked | Approved |
| Chrome Plated Brass Electronic | | | . | KJG | GEF | JHB |
| VR Aerator, Optional 2.2 GPM L Module w/ Internal Flow Control | | | | Scale: | _ | Date: |
| Control Mixing Valve w/ Integral | Check Valves | | | 1: | 6 | 08/29/12 |
| Supply Stop Flex. Connector Ho | ses | | | | | |



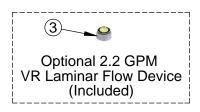
2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

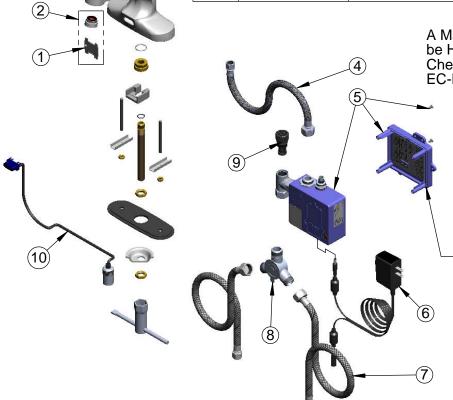
EC-3103-LF22

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com



| ITEM NO. | SALES NO. | DESCRIPTION |
|-------------|-----------|--|
| 1 | 015425-45 | Vandal Resistant Key |
| 2 | 016355-45 | Aerator w/ Key, Vandal Resistant, 2.2 GPM, 13/16-27 Male |
| 3 | B-0199-28 | VR Device, 2.2 GPM, Laminar Flow, 13/16-27 |
| 4 | 016297-45 | Inlet Hose, Faucet, 1/2" NPSM-F x 1/4" NPSM-F |
| 5 | 016647-45 | ChekPoint Module (Blue) |
| 6 | 5EF-0002 | Double Gang, Plug-In A/C Transformer |
| 7 | 5EF-0005 | Supply Hose, 9/16-24 Female x 1/2" NPSM |
| 8 | 5EF-0006 | Mechanical Mixing Valve |
| 9 | EC-FILTER | Replacement Filter |
| 10 | 017195-45 | Angled Sensor w/ Cable |



A Maximum of (8) ChekPoint Faucets Can be Hardwire Connected and Powered by ChekPoint Hardwire AC Transformer. EC-HARDWIRE (Sold Separately)

> Label for Flow Control Switch Settings is Located on Inside of Back Cover.

Flow Control Switches are Located Inside Module Housing in Black Box Next to Battery Compartment.
*Switches are Set to DEFAULT Position: Auto Time Out = 10 seconds Shut Off Delay = 1 second Auto Flush = OFF

Remove (4) Screws and Back Cover to Access Switches.

*Available Water Flow Control Selections:

(6) Auto Time Out Selections - 10 sec, 25 sec, 45 sec, 60 sec, 3 min, 20 min (4) Shut Off Delay Selections - 1 sec, 2 sec, 4 sec, 10 sec Auto Flush for 30 Seconds After Every 12 Inactive Hours - ON or OFF

| Product Specifications: | Drawn | Checked | Approved |
|---|--------|---------|----------|
| Chrome Plated Brass Electronic Faucet: 4" Deck Mount Spout w/ VR Aerator, Optional 2.2 GPM Laminar Flow Device, AC/DC Control | KJG | GEF | JHB |
| Module w/ Internal Flow Control Setting Switches, Temperature | Scale: | | Date: |
| Control Mixing Valve w/ Integral Check Valves, 18" Lg. Hot & Cold Supply Stop Flex. Connector Hoses | N | ΓS | 08/29/12 |
| | • | | 0 |

2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

EC-3103-LMV

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| ጥሮ | [| This Space for Architect/Engineer | Approval |
|--|---|--|---|
| ChekPoint* | <u>G.</u> | Job Name | Date |
| 6 1/8" | ADA Compliant | Model Specified | Quantity |
| [155mm] | | Customer/Wholesaler | |
| | | Contractor | |
| | | Architect/Engineer | |
| Solid Cast Brass Spout w/ Polish Chrome Plated Finish and 2.2 GPM [8.3L/min] Vandal Resistant Aerator 1/2" NPSM x 1/4" NPSM 18" [457mm] Long Flexible Stainless Steel Hose 1/2" NPSM Swivel Nut Inlet (Female) | -24" [610mm] Sensor Cable Removable Strainer | -3 5/8" x 4 3/16" x 2" Deep [92mm x 106mm x 51mm] Water Resistant Control Module w/ Internal Flow Control Setting AC or DC Operated w/ (4) AA Batardwire Capable Using Termin 4 7/8" [123mm] Mounting Surface 2 1/4" [57mm] Maximum Thickness -100-135 VAC Adapter w/ 144" [3658mm] Long Double Power Cord. (Remove Rubber Plugs on Module and Cable to Connect) | Box (Blue) Switches, atteries. als on Back |
| Rough-In Requirement: | - Nata | | |

(1) $\not \bigcirc$ 1" [25mm] Center Shank Mounting Hole (2) $\not \bigcirc$ 1/2" [13mm] Mounting Stud Holes (on 4" Centers)

| Product Specifications: | Drawn | Checked | Approved |
|---|--------|---------|----------|
| Chrome Plated Brass Electronic Faucet: 4" c/c Deck Mount Spout w/ VR Aerator, AC/DC Control Module w/ Internal Flow Control | DMH | GEF | JHB |
| Setting Switches | Scale: | | Date: |
| | | :6 | 06/04/12 |



2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

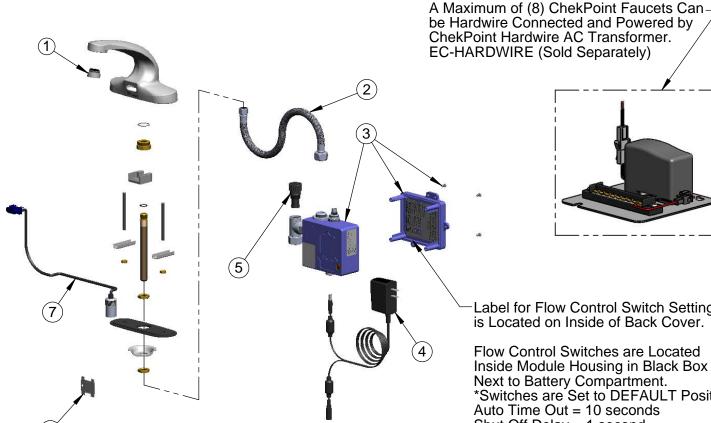
Model No.

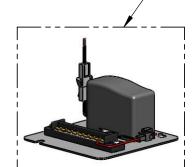
EC-3103-LMV

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| ITEM NO. | SALES NO. | DESCRIPTION |
|-------------|-----------|--|
| 1 | 016355-45 | Aerator w/ Key, Vandal Resistant, 2.2 GPM, 13/16-27 Male |
| 2 | 016297-45 | Inlet Hose, Faucet, 1/2" NPSM-F x 1/4" NPSM-F |
| 3 | 016647-45 | ChekPoint Module (Blue) |
| 4 | 5EF-0002 | A/C Transformer |
| 5 | EC-FILTER | Replacement Filter |
| 6 | 015425-45 | Vandal Resistant Key |
| 7 | 017195-45 | Angled Sensor w/ Cable |
| | | |





Label for Flow Control Switch Settings is Located on Inside of Back Cover.

Flow Control Switches are Located Inside Module Housing in Black Box Next to Battery Compartment. *Switches are Set to DEFAULT Position: Auto Time Out = 10 seconds Shut Off Delay = 1 second Auto Flush = ÓFF

Remove (4) Screws and Back Cover to Access Switches.

- *Available Water Flow Control Selections:
- (6) Auto Time Out Selections 10 sec, 25 sec, 45 sec, 60 sec, 3 min, 20 min (4) Shut Off Delay Selections 1 sec, 2 sec, 4 sec, 10 sec

Auto Flush for 30 Seconds After Every 12 Inactive Hours - ON or OFF

| Chrome Plated Brass Electronic Faucet: 4" c/c Deck Mount Spout w/ VR Aerator, AC/DC Control Module w/ Internal Flow Control | Drawn | Checked | Approved |
|---|--------|---------|---------------|
| | DMH | GEF | JHB |
| | Scale: | | Date: |
| | N | ΓS | 06/04/12 |
| | • | | Sheet: 2 of 2 |

2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

EC-3103-TMV

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| | | This Spa | ace for Archite | ct/Engineer A | Approval |
|---|--|---|--------------------------------------|---|--------------------|
| | 人 | Job Name | | | Date |
| 6 1/8" | ADA Compliant | Model Specifi | ed | | Quantity |
| [155mm] | 7 D7 Compliant | Customer/Wh | nolesaler | | |
| | (T.S) | Contractor | | | |
| | ChekPoint* | Architect/Eng | ineer | | |
| Solid Cast Brass Spout w/ Polish Chrome Plated Finish and 2.2 GPM [8.3L/min] Vandal Resistant Aerator 4" [102mm] | 3 5/8" x 4 3/16" x 2" [92mm x 106mm x 5 Water Resistant Cor W/ Internal Flow Cor AC or DC Operated Hardwire Capable U on Back. —24" [610mm] Sensor Cable —Removable Strainer | Deep 51mm] htrol Module htrol Setting w/ (4) AA B | Box (Blue) Switches, atteries. | 4 7/8" [123mm] | 5 1/16" [129mm] |
| 1/2" NPSM x 1/4" NPSM— 18" [457mm] Long Flexible Stainless Steel Hose | | w/ Do (R on to —(2) 3/8" C 18" [457n Supply Ho | | mm] Long r Cord. ober Plugs id Cable n x 1/2" NP e Stainless | Steel |
| Rough-In Requirement: (1) Ø 1" [25mm] Center Shank Mounting Ho (2) 1/2" [13mm] Mounting Stud Holes (on 4" | ole & Mix Centers) | SE 1070 The king Valve w | | | es |
| Product Specifications: Chrome Plated Brass | Electronic Faucet: 4 | 1" c/c | Drawn | Checked | Approved |
| Deck Mount Spout w/ VR Aerator, AC/ Internal Flow Control Setting Switches | DC Control Module | e W/ | GEF | DMH | JHB |
| Temperature Control Mixing Valve w/ I | Integral Check Valv | es, | Scale: | _ | Date: |
| 18" Long Hot & Cold Supply Stop Flexible Connector Hose | | es | 1: | 6 | 08/01/12 |



2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

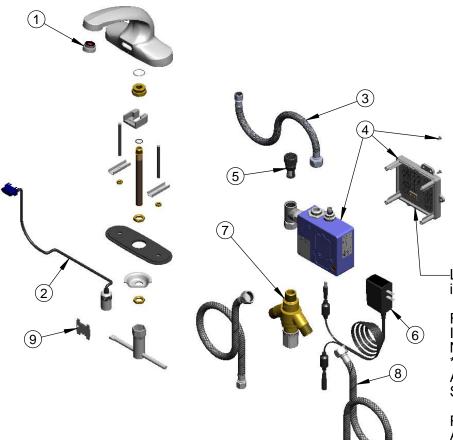
Model No.

EC-3103-TMV

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| ITEM NO. | SALES NO. | DESCRIPTION |
|-------------|-----------|---|
| 1 | 016355-45 | VR Housing, 13/16-27 male |
| 2 | 017195-45 | Angled Sensor w/ Cable |
| 3 | 016297-45 | Inlet Hose, Faucet, 1/2" NPSM-F x 1/4" NPSM-F |
| 4 | 016647-45 | ChekPoint Electronic Module (Blue) |
| 5 | EC-FILTER | Replacement Filter |
| 6 | 5EF-0002 | A/C Transformer |
| 7 | EC-TMV | ASSE 1070 Thermostatic Mixing Valve |
| 8 | 5EF-0005 | Supply Hose, 9/16-24 Female x 1/2" NPSM |
| 9 | 015425-45 | Vandal Resistant Key |



Maximim of (8) ChekPoint Faucets Can be Hardwire Connected and Powered by ChekPoint Hardwire AC Transformer EC-HARDWIRE (Sold Separately)



Flow Control Switches are Located Inside Module Housing in Black Box Next to Battery Compartment. *Switches are Set to DEFAULT Position: Auto Time Out = 10 Seconds Shut Off Delay = 1 Second

Remove (4) Screws and Back Cover to Access Switches.

*Available Water Flow Control Selections:

(6) Auto Time Out Selections - 10 sec, 25 sec, 45 sec, 60 sec, 3 min, 20 min(4) Shut Off Delay Selections - 1 sec, 2 sec, 4 sec, 10 sec

Auto Flush for 30 Seconds After Every 12 Inactive Hours - ON or OFF

Product Specifications: Chrome Plated Brass Electronic Faucet: 4" c/c Deck Mount Spout w/ VR Aerator, AC/DC Control Module w/ Internal Flow Control Setting Switches, Thermostatic Temperature Control Mixing Valve w/ Integral Check Valves, 18" Long Hot & Cold Supply Stop Flexible Connector Hoses

| | Drawn | Checked | Approved |
|--------|-------|---------|----------|
| | GEF | DMH | JHB |
| Scale: | | Date: | |
| | NTS | | 08/01/12 |

Sheet: 2 of 2

T&S BRASS AND BRONZE WORKS, INC. ² Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

EC-3103-VF05

Sheet: 1 of 2

Item No.

Travelers Rest. SC: 800-476-4103 • Simi Valley. CA: 800-423-0150 • Fax: 864-834-3518 • www.tshrass.com

| 11avcicis (CSt, OO. 000 470 4105 5 0iiiii | valicy, OA. 000 423 0130 - 1 ax. 0 | 07 007 0010 | · www.tabiaa | 3.00111 | |
|--|---|---|------------------------------|---|--------------------|
| 6 1/8" | • | This Spa | ace for Archite | ct/Engineer A | Approval |
| [155mm] | | Job Name | | | Date |
| | ADA Compliant | Model Specifi | | | |
| | | Customer/Wh | nolesaler | | |
| 1117 | ChekPoint* | Contractor | | | |
| \ | O OHERFOIR | | | | |
| Φ | | | | | |
| Solid Cast Brass Spout w/ Polish Chrome Plated Finish and 2.2 GPM Vandal Resistant Aerator (Optional 0.5 GPM VR Spray Device Included) | 3 5/8" x 4 3/16" x 2" Deep [92mm x 106mm x 51mm] Water Resistant Control Mod w/ Internal Flow Control Setti AC or DC Operated w/ (4) AA Hardwire Capable Using Terr —24" [610mm] Sensor Cable —Removable Strainer Mounting Surface | ng Switches A Batteries. minals on Ba | 3 , | _ | 5 1/16" [129mm] |
| [102mm] | | | Maxim Thickn | um | [57mm] |
| 1/2" NPSM x 1/4" NPSM 18" [457mm] Long Flexible Stainless Steel Hose | w/ 14 Doul (Rer on M | 240 VAC Ad 44" [3658mr ole Power C nove Rubbe lodule and (onnect) | m] Long Gord. er Plugs | | |
| | | , | | Mountir | |
| | | | | De [.] 5/16" to ∅1 7-25mm] | d 4 !! |
| <u> </u> | | | i | - (- | |
| Temperature Mixing Valve w/ Integral Check Valves | (0) 0 (0) 0 | 4 /OIL NIDONA | 2 51r | | |
| J | └(2) 3/8" Compression x 18" [457mm] Flexible St Steel Supply Hose | | | | 4" 102mm] |
| Product Specifications: | Faucot: 4" Dook Mt. Spout w | <u> </u> | Drawn | Checked | Approved |
| Chrome Plated Brass Electronic F VR Aerator, Optional 0.5 GPM VF | R Spray Device, AC/DC Con | trol | KJG | GEF | JHB |
| Module w/ Internal Flow Control S | Setting Switches, Temperatui | e | Scale: | | Date: |
| Control Mixing Valve w/ Integral C Supply Stop Flex. Connector Hos | | Cold | 1: | 6 | 08/29/12 |



2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

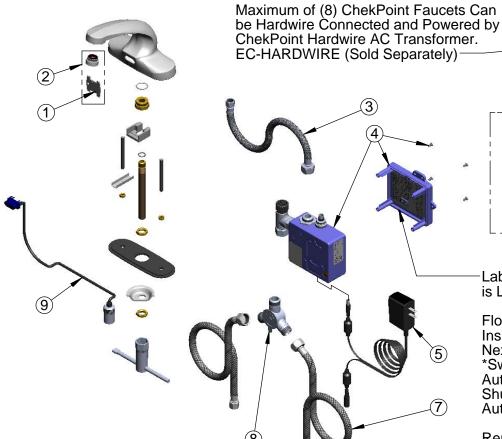
Model No.

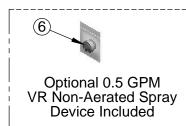
EC-3103-VF05

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| | , 0: 000 :=0 0:00 | Tax our our our and a warmen accident |
|-------------|-------------------|---|
| ITEM NO. | SALES NO. | DESCRIPTION |
| 1 | 015425-45 | Vandal Resistant Key |
| 2 | 016355-45 | Aerator w/ Key, 2.2 GPM VR, 13/16-27 Male |
| 3 | 016297-45 | Inlet Hose, Faucet, 1/2" NPSM-F x 1/4" NPSM-F |
| 4 | 016647-45 | ChekPoint Module (Blue) |
| 5 | 5EF-0002 | A/C Transformer |
| 6 | B-0199-08-N05 | 0.5 GPM VR Spray Device, 13/16-27 Male |
| 7 | 5EF-0005 | Supply Hose, 9/16-24 Female x 1/2" NPSM |
| 8 | 5EF-0006 | Mechanical Mixing Valve |
| 9 | 017195-45 | Angled Sensor w/ Cable |





Label for Flow Control Switch Settings is Located on Inside of Back Cover.

Flow Control Switches are Located Inside Module Housing in Black Box Next to Battery Compartment. *Switches are Set to DEFAULT Position: Auto Time Out = 10 seconds Shut Off Delay = 1 second Auto Flush = ÓFF

Remove (4) Screws and back Cover to Access Switches

- *Available Water Flow Control Selections:
- (6) Auto Time Out Selections 10 sec, 25 sec, 45 sec, 60 sec, 3 min, 20 min
- (4) Shut Off Delay Selections 1 sec, 2 sec, 4 sec, 10 sec

Auto Flush for 30 Seconds After Every 12 Inactive Hours - ON or OFF

| Product Specifications: | Drawn | Checked |
|---|--------|---------|
| Chrome Plated Brass Electronic Faucet: 4" Deck Mt. Spout w/ | KJG | GEF |
| VR Aerator, Optional 0.5 GPM VR Spray Device, AC/DC Control | 1130 | |
| Module w/ Internal Flow Control Setting Switches, Temperature | Scale: | |
| Control Mixing Valve w/ Integral Check Valves, 18" Lg. Hot & Cold | INT | rs |
| Supply Stop Flex. Connector Hoses | 111 | |

| Drawn | Checked | Approved | |
|--------|---------|----------|--|
| KJG | GEF | JHB | |
| Scale: | | Date: | |
| NTS | | 08/29/12 | |

2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

EC-3103-VF5-TMV

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com

| 6 1/8" | | This Space | e for Architect/Engir | eer Approval |
|--|---|--------------------------|-----------------------------------|--------------|
| [155mm] | lĠl | Job Name | | Date |
| | ADA Compliant | Model Specified | <u> </u> | Quantity |
| | | Customer/Whole | esaler | |
| 111 | TS ChekPoint™ | Contractor | | |
| | ChekPoint | Architect/Engine | eer | |
| | 3 5/8" x 4 3/16" x 2" | Doop | | |
| Solid Cast Brass Spout | [92mm x 106mm x 5 | 51mm] | | |
| w/ Polish Chrome Plated Finish and 2.2 GPM [8.3L/min] | Water Resistant Cou w/ Internal Flow Cor | | | |
| Vandal Resistant Aerator | AC or DC Operated | w/ (4) AA Batt | teries. | |
| (Optional VR 0.5 GPM Non-Aerated Spray Device Included) — | Hardwire Capable Uon Back. | osing reminal | 47/ | |
| | | | [123r | nm] |
| | —24" [610mm] Sensor Cable | | | |
| 4" | Selisoi Cable | | 4.4.4.011 | 5 1/16" |
| | Removable / Strainer | | 4 1/16" [103mm] | [129mm] |
| Wester . | Strainer | Mounting Surface | | |
| ∦ -₩ ∦ / | | Juliace | ↑ | |
| | | | 2 1/4" | |
| | | | [57mm] | |
| | | | Maximum Thickness | |
| | | | | |
| 1/2" NPSM x 1/4" NPSM—/ 18" [457mm] Long Flexible | | = 100- | 240 VAC Adapt | er |
| Stainless Steel Hose | T T | w/ 14 | 44" [3658mm] L | ong |
| | | (Ren | ble Power Cord. nove Rubber Pl | ugs |
| | | | flodule and Cabl onnect) | e |
| | | 10 0 | orin coty | |
| | | | npression x 1/2 | |
| | | 18" [457mm Supply Hos | n] Flexible Stainl e | ess Steel |
| | | , | | |
| | | C-TMV | rmostatic Tempe | aratura |
| Rough-In Requirement: 1) Ø 1" [25mm] Center Shank Mounting Hole | NA: | | Integral Check \ | |
| 2) 1/2" [13mm] Mounting Stud Holes (on 4" (| Centers) | | | |
| Product Specifications: | | D. | rawn Chacke | d Approved |

Chrome Plated Brass Electronic Faucet: 4" c/c Deck Mount Spout w/VR Aerator, Optional VR 0.5 GPM Non-Aerated Spray Device, AC/DC Control Module w/ Internal Flow Control Setting Switches, Thermostatic Temperature Control Mixing Valve w/ Integral Check Valves, 18" Long Hot & Cold Supply Stop Flexible Connector Hoses Date: 1:6 03/12/13

DMH

KJG

JHB



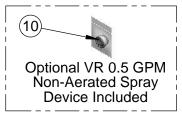
2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

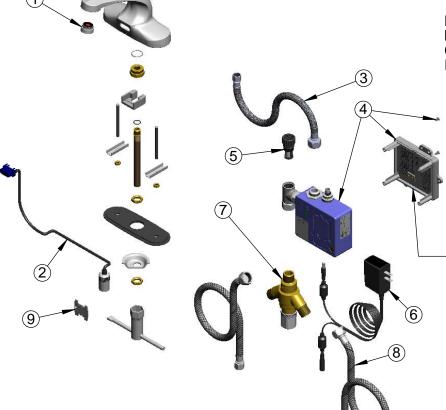
EC-3103-VF5-TMV

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com



| ITEM NO. | SALES NO. | DESCRIPTION |
|-------------|---------------|--|
| 1 | 016355-45 | VR 2.2 GPM Aerator, 13/16"-27 UN Male w/ Key |
| 2 | 017195-45 | Angled Sensor w/ Cable |
| 3 | 016297-45 | Inlet Hose, Faucet, 1/2" NPSM-F x 1/4" NPSM-F |
| 4 | 016647-45 | ChekPoint Electronic Module (Blue) |
| 5 | EC-FILTER | Replacement Filter |
| 6 | 5EF-0002 | A/C Transformer |
| 7 | EC-TMV | ASSE 1070 Thermostatic Mixing Valve |
| 8 | 5EF-0005 | Supply Hose, 9/16"-24 UN Female x 1/2" NPSM |
| 9 | 015425-45 | Vandal Resistant Key |
| 10 | B-0199-08-N05 | VR 0.5 GPM Non-Aerated Spray Device, 13/16"-27 UN Male |



Maximum of (8) ChekPoint Faucets Can be Hardwire Connected and Powered by ChekPoint Hardwire AC Transformer EC-HARDWIRE (Sold Separately)



Flow Control Switches are Located Inside Module Housing in Black Box Next to Battery Compartment. *Switches are Set to DEFAULT Position: Auto Time Out = 10 Seconds Shut Off Delay = 1 Second Auto Flush = Off

Remove (4) Screws and Back Cover to Access Switches.

- *Available Water Flow Control Selections:
- (6) Auto Time Out Selections 10 sec, 25 sec, 45 sec, 60 sec, 3 min, 20 min (4) Shut Off Delay Selections 1 sec, 2 sec, 4 sec, 10 sec Auto Flush for 30 Seconds After Every 12 Inactive Hours ON or OFF

| • | | | |
|---|--------|---------|---------------|
| Product Specifications: | Drawn | Checked | Approved |
| Chrome Plated Brass Electronic Faucet: 4" c/c Deck Mount Spout w/ VR Aerator, Optional VR 0.5 GPM Non-Aerated Spray Device, AC/DC | KJG | DMH | JHB |
| Control Module w/ Internal Flow Control Setting Switches, Thermostatic | Scale: | • | Date: |
| Temperature Control Mixing Valve w/ Integral Čheck Valves, 18" Long Hot & Cold Supply Stop Flexible Connector Hoses | NTS | | 03/12/13 |
| | | | Sheet: 2 of 2 |