## T&S BRASS AND BRONZE WORKS, INC.

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

EC-3102-SM

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 80	64-834-3518 • www.tsbrass.com
Ø1" — 4"	This Space for Architect/Engineer Approval
[25mm] [102mm] $\phi$ 1 1/2" [38mm]	Job NameDate
Faucet Side Mount ADA	Model SpecifiedQuantity
	Customer/Wholesaler
ChekPoint	Contractor
10" 254mm	Architect/Engineer
3"	
[76mm]	–3 5/8" x 4 3/16" x 2" Deep [92mm x 106mm x 51mm] Water Resistant Control Module Box (Blue)
B-2740 Side Mount Control Regulates Water Temperature and ON/OFF Setting. Note: To Ensure Proper Operation of Sensor Faucet, Side Mount Control Should Remain in the OPEN Position at All Times.	w/ Internal Flow Control Setting Switches, AC or DC Operated w/ (4) AA Batteries. Hardwire Capable Using Terminals on Back
Spout w/ 2.2 GPM Vandal Resistant Aerator  Removable Strainer	4 7/8" [ 124mm ]
10" Chrome Plated Forged Brass Deck Plate  Sensor Cable	4 3/8" [111mm] 5 3/8" [137mm]
Mounting Surface	
1/2" NPSM x 1/4" NPSM 18" [457mm] Long Flexible Stainless Steel Hose	2" [51mm] Maximum Thickness  2"  \$\times 1/8" [3mm] Anti-rotation Pin. Remove
1/2" NPSM, 13" [330mm] Flexible Stainless Steel Hose for Tempered Water. Connect to Control Module	Pin if Desired. (See Mounting Hole Detail)  100-240 VAC Adapter W/ 144" [3658mm] Long Double Power Cord.
Using 1/2" Close Nipple  (2) 3/8" Compression, 17" [432mm] Flexible Stainless Steel Hose	(Remove Rubber Plugs on Module and Cable to Connect)  Box May Contain Extra Hoses That Are Not Needed and May be Discarded After Final Installation
(2) Check Valve Asm for Crossflow Prevention	00
Product Specifications: Chrome Plated Brass Flectronic Faucet: Deck Mount Cast Spout	Product Compliance:

Chrome Plated Brass Electronic Faucet: Deck Mount Cast Spout w/ VR Aerator, Side Mount Temperature Control, AC/DC Control Module w/ Internal Flow Control Switches, 17" Long Hot & Cold Supply Hoses w/ Check Valve Assemblies

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



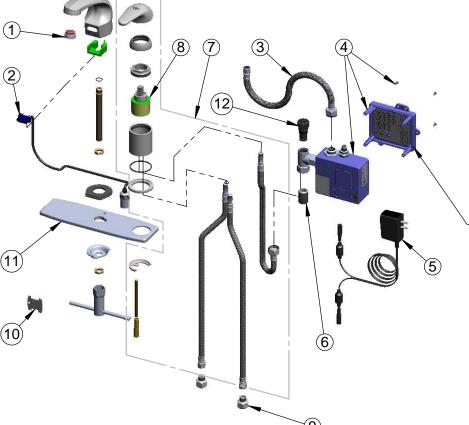
2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690 Model No.

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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	002534-25	Close Nipple, 1/2" NPT		
7	B-2740	Side Mount Control w/ Hoses & Ceramic Crtg		
8	013080-45	Ceramic Cartridge, B-2730		
9	016419-25	CV Asm, 3/8" Comp-F x 3/8" Comp-M		
10	015425-45	Vandal Resistant Key		
11	015084-40	10" Deck Plate w/ Side Mount Hole		
12	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 Second
- Auto 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: Deck Mount Cast Spout w/ VR Aerator, Side Mount Temperature Control, AC/DC Control Module w/ Internal Flow Control Switches, 17" Long Hot & Cold Supply Hoses w/ Check Valve Assemblies

Product Compliance:

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

## T&S BRASS AND BRONZE WORKS, INC.

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

EC-3102-SMT4

Item No.

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

<u> </u>					
			This Space for A	Architect/Engineer Approval	
6 1/2"	<b>-</b>	<u>G</u> .	Job Name	Date	
[165mm]		ADA Compliant	Model Specified	Quantity	
	<b>!</b> 2 5/8"		Customer/Wholesaler	r	
	2 5/6 [66mm]	ChekPoint*	Contractor		
			Architect/Engineer		
		3/16" x 2" Deep 06mm x 51mm]		Solid Cast Brass Spout	
	Water Resi	stant Control Module I	Box (Blue)	w/ Polish Chrome Plated	
Chrome Plated     Die Cast Deck Plate	w/ Internal AC or DC (	Flow Control Setting S Operated w/ (4) AA Ba	Switches, tteries.	Finish and 016355-45, 2.2 GPM [8.3L/min]	
Die Cast Deck Plate	Hardwire C	apable Using Termina	als on Back—	Vandal Resistant Aerator	
Г		bove Deck Side Moun			
	Adjustable	Thermostatic Mixing V	/alve /		
4"	<u>_1</u>	/2" NPSM x 1/4" NPSI 8" [457mm] Long Flex	M /	4 7/8"	
[102mm]	S	Stainless Steel Hose	dible /	[124mm]	
		⊢Removable			
	1	Strainer		5 3/8"	
	<u>/</u>	—24" [610mm] Sensor Cable /	/ 4 3/8" [111mm]	[137mm]	
	62mm]		lounting ▼		
			Surface		
			7/8"		
			[22mm] _		
			Maximum Thickness		
			11110111000	VR Aerator Key	У
		I	100-240 VAC A	(Included)	3
			w/ 144" [3658m	m] Long	•
			Double Power C (Remove Rubbe		y:
			on Module and to Connect)	Cable (Included)	1
	₹	<b>Q</b>	to Connect)		
1/2" NPSM x 1/2" NPSM— 16" [406mm] Long Flexible		ð		Shank Nut Wrench	h
Stainless Steel Hose		-(2) 3/8" Compression	x 1/2" NPSM	(Included)	
Rough-In Requirement:		18" [457mm] Flexible Supply Hose			
(2) $\emptyset$ 1" [25mm] Mounting Hol	es	Опрріў і 1056			
Product Specifications:	Founds Cine	who I halo Dook Mount	Produc	t Compliance:	

Chrome Plated Brass Electronic Faucet: Single Hole Deck Mount Spout w/ 4" Centers Deck Plate, Above Deck Side Mount Adjustable Thermostatic Mixing Valve w/ Integral Check Valves, AC/DC Control Module with Internal Flow Control Setting Switches, 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 ASSE 1070 (TMV)



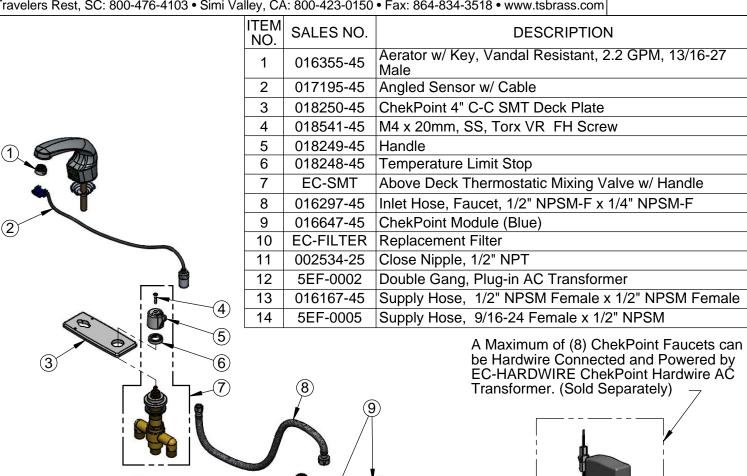
2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

EC-3102-SMT4

Item No.

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



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 Second
  - Auto 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

015425-45

**VR** Aerator Key

- 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:**

018543-45 VR Screw L-Key

Chrome Plated Brass Electronic Faucet: Single Hole Deck Mount Spout w/ 4" Centers Deck Plate, Above Deck Side Mount Adjustable Thermostatic Mixing Valve w/ Integral Check Valves, AC/DC Control Module with Internal Flow Control Setting Switches, 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

ASSE 1070 (TMV)

Drawn: GEF Checked: DMH Approved: Date: 05/07/14 Scale: NTS 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-3102-SMT4V05

Item No.

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

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		This Space for Architect/E	ngineer Approval
6 1/2"		Job Name	Date
[165mm]	ADA Compliant	Model Specified	Quantity
	2 5/8"	Customer/Wholesaler	
	[66mm] ChekPoint	Contractor	
	<u> </u>	Architect/Engineer	
Chrome Plated Die Cast Deck Plate	3 5/8" x 4 3/16" x 2" Deep [92mm x 106mm x 51mm] Water Resistant Control Module w/ Internal Flow Control Setting SAC or DC Operated w/ (4) AA Ba Hardwire Capable Using Termina	Switches, w/ Po atteries. Finis	l Cast Brass Spout olish Chrome Plated h and B-0199-08-N05, GPM VR Spray Device
	─EC-SMT Above Deck Side Moun Adjustable Thermostatic Mixing \		
4" [102mm]	1/2" NPSM x 1/4" NPS 18" [457mm] Long Flex Stainless Steel Hose		4 7/8" [ 124mm ]
		4 3/8"  [ 111 mm ]  Mounting	5 3/8" [137mm]
		7/8"  [ 22mm ]  Maximum Thickness	VR Aerator Key (Included)
		100-240 VAC Adapter w/ 144" [3658mm] Long Double Power Cord. (Remove Rubber Plugs on Module and Cable to Connect)	VR Screw L-Key (Included)
1/2" NPSM x 1/2" NPSM— 16" [406mm] Long Flexible Stainless Steel Hose	(2) 3/8" Compression	n v 1/2" NPSM	Shank Nut Wrench (Included)
Rough-In Requirement: (2) Ø1" [25mm] Mounting Ho	18" [457mm] Flexible		
Product Specifications:		Product Complian	nce:

Chrome Plated Brass Electronic Faucet: Single Hole Deck Mount Spout w/ 4" Centers Deck Plate, Above Deck Side Mount Adjustable Thermostatic Mixing Valve w/ Integral Check Valves, 0.5 GPM VR Spray Device, AC/DC Control Module with Internal Flow Control Setting Switches, 18" Long Flexible Supply Hoses

ASME A112.18.1 / CSA B125.1 NSF 61 - Section 9 NSF 372 (Low Lead Content) ANSI A117.1 (ADA) UL 1951 ASSE 1070 (TMV)

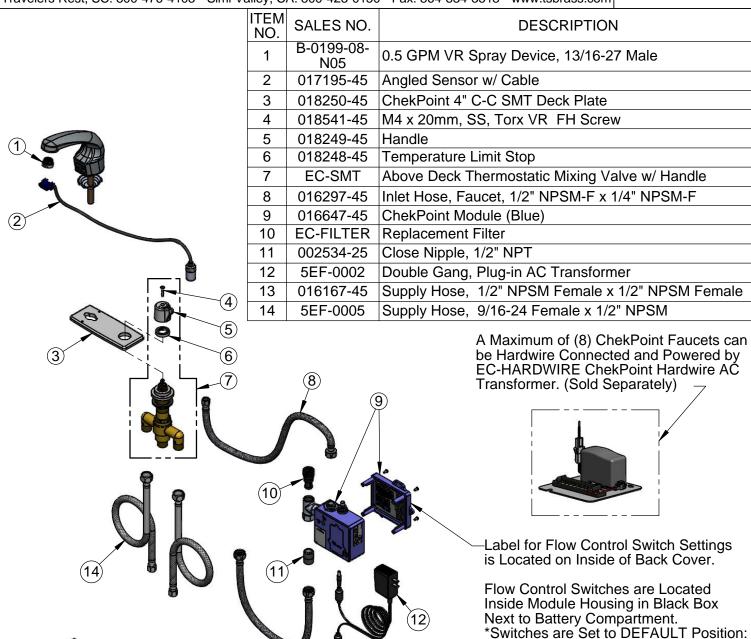


2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690 Model No.

EC-3102-SMT4V05

Item No.

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



\*Available Water Flow Control Selections:

- Auto Time Out: 15 sec, 30 sec, 45 sec, 60 sec, 3 min, 20 min

015425-45

**VR** Aerator Key

- Shut Off Delay: 1 sec, 10 sec, 15 sec, 30 sec

- Auto Flush (30 Seconds After Every 12 Inactive Hours): ON or OFF

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

Auto Time Out = 15 SecondsShut Off Delay = 1 Second

#### **Product Specifications:**

018543-45

VR Screw L-Key

Chrome Plated Brass Electronic Faucet: Single Hole Deck Mount Spout w/ 4" Centers Deck Plate, Above Deck Side Mount Adjustable Thermostatic Mixing Valve w/ Integral Check Valves, 0.5 GPM VR Spray Device, AC/DC Control Module with Internal Flow Control Setting Switches, 18" Long Flexible Supply Hoses Product Compliance:

Auto Flush = ÔFF

ASME A112.18.1 / CSA B125.1 NSF 61 - Section 9 NSF 372 (Low Lead Content) ANSI A117.1 (ADA) UL 1951 ASSE 1070 (TMV)

## T&S BRASS AND BRONZE WORKS, INC.

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

EC-3102-SMT8

Item No.

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

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		L	This Space for Architect/Engineer Approval		
10 1/4"		5	Job Name		Date
[260mm]	1	ADA Compliant	Model Specifie	ed	Quantity
	<b>y</b> 2 5/8"		Customer/Wh	olesaler	
	[66mm]	ChekPoint*	Contractor		
	<u> </u>		Architect/Engi	neer	
Chrome Plated Die Cast Deck Plate	[92mm x 10 Water Resi w/ Internal AC or DC 0	3/16" x 2" Deep 06mm x 51mm] istant Control Module I Flow Control Setting S Operated w/ (4) AA Ba Capable Using Termina	Switches, ´ itteries.	w/ Po Finish 2.2 Gl	Cast Brass Spout lish Chrome Plated and 016355-45, PM [8.3L/min] al Resistant Aerator
		bove Deck Side Moun Thermostatic Mixing \			
4" [102mm]	1	/2" NPSM x 1/4" NPSI 8" [457mm] Long Flex Stainless Steel Hose		<b>-</b>	4 7/8" [ 124mm ]
	2 7/16" 62mm]		4 3/ [ 111r Mounting		5 3/8" [137mm]
			Surface	7/8" _ [22mm] Maximum Thickness	
			w/ 144" [3	/AC Adapter 8658mm] Long ower Cord.	VR Aerator Key (Included)
				Rubber Plugs e and Cable ct)	VR Screw L-Key (Included)
1/2" NPSM x 1/2" NPSM— 16" [406mm] Long Flexible Stainless Steel Hose Rough-In Requirement:		-(2) 3/8" Compression 18" [457mm] Flexible			Shank Nut Wrench (Included)
(2) ∅1" [25mm] Mounting Hol	es	Supply Hose			
Product Specifications: Chrome Plated Brass Electronic	: Faucet: Sind	ale Hole Deck Mount		Product Compliand	ce:

Chrome Plated Brass Electronic Faucet: Single Hole Deck Mount Spout w/ 8" Centers Deck Plate, Above Deck Side Mount Adjustable Thermostatic Mixing Valve w/ Integral Check Valves, AC/DC Control Module with Internal Flow Control Setting Switches, 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 ASSE 1070 (TMV)



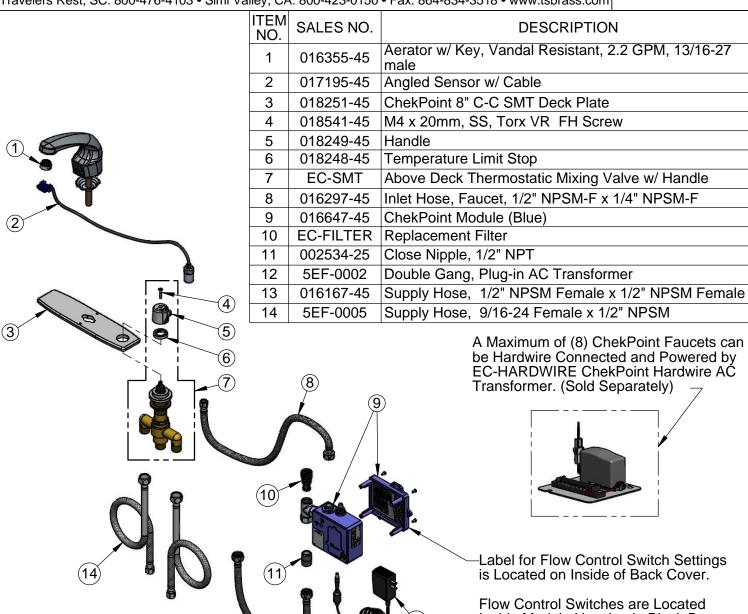
2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

EC-3102-SMT8

Item No.

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



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 Second
  - Auto Flush = ÓFF

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

\*Available Water Flow Control Selections:

015425-45

**VR** Aerator Key

- 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:**

018543-45

VR Screw L-Key

Chrome Plated Brass Electronic Faucet: Single Hole Deck Mount Spout w/ 8" Centers Deck Plate, Above Deck Side Mount Adjustable Thermostatic Mixing Valve w/ Integral Check Valves, AC/DC Control Module with Internal Flow Control Setting Switches, 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 ASSE 1070 (TMV)

Drawn: GEF Checked: DMH Approved: Date: 05/07/14 Scale: NTS 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-3102-SMT8V05

Item No.

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

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		This Space for Architect/E	ngineer Approval
10 1/4"	(C)	Job Name	Date
[260mm]	ADA Compliant	Model Specified	Quantity
	2 5/8"	Customer/Wholesaler	
	[66mm] ChekPoint	Contractor	
7	<u> </u>	Architect/Engineer	
Chrome Plated Die Cast Deck Plate	3 5/8" x 4 3/16" x 2" Deep [92mm x 106mm x 51mm] Water Resistant Control Module w/ Internal Flow Control Setting SAC or DC Operated w/ (4) AA Ba Hardwire Capable Using Termina	Switches, w/ Po atteries. Finis	I Cast Brass Spout olish Chrome Plated h and B-0199-08-N05, GPM VR Spray Device
1	EC-SMT Above Deck Side Moun Adjustable Thermostatic Mixing \		
4" [102mm]	-1/2" NPSM x 1/4" NPS 18" [457mm] Long Flex Stainless Steel Hose		4 7/8" [124mm]
		4 3/8" [111mm]  Nounting	5 3/8" [ 137mm ]
		7/8"  [ 22mm ]  Maximum Thickness	VR Aerator Key (Included)
		-100-240 VAC Adapter w/ 144" [3658mm] Long Double Power Cord. (Remove Rubber Plugs on Module and Cable to Connect)	
1/2" NPSM x 1/2" NPSM— 16" [406mm] Long Flexible Stainless Steel Hose	(2) 3/8" Compression	n x 1/2" NPSM	Shank Nut Wrench (Included)
Rough-In Requirement: (2) $\emptyset$ 1" [25mm] Mounting Ho	18" [457mm] Flexible		
Product Specifications:		Product Complian	nce:

Chrome Plated Brass Electronic Faucet: Single Hole Deck Mount Spout w/ 8" Centers Deck Plate, Above Deck Side Mount Adjustable Thermostatic Mixing Valve w/ Integral Check Valves, 0.5 GPM VR Spray Device, AC/DC Control Module with Internal Flow Control Setting Switches, 18" Long Flexible Supply Hoses

ASME A112.18.1 / CSA B125.1 NSF 61 - Section 9 NSF 372 (Low Lead Content) ANSI A117.1 (ADA) UL 1951 ASSE 1070 (TMV)



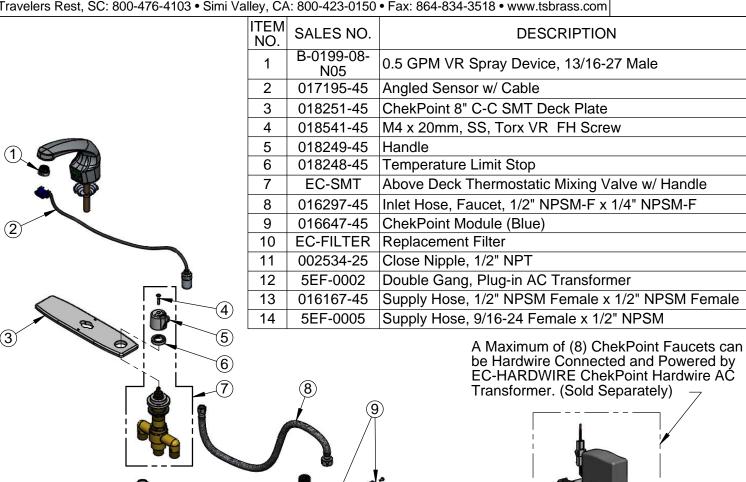
2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690

Model No.

EC-3102-SMT8V05

Item No.

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



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 Second Auto 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

015425-45

**VR** Aerator Key

- 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:**

018543-45

VR Screw L-Key

Chrome Plated Brass Electronic Faucet: Single Hole Deck Mount Spout w/ 8" Centers Deck Plate, Above Deck Side Mount Adjustable Thermostatic Mixing Valve w/ Integral Check Valves, 0.5 GPM VR Spray Device, AC/DC Control Module with Internal Flow Control Setting Switches, 18" Long Flexible Supply Hoses

Product Compliance:

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ASSE 1070 (TMV)

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