

TIMELESS COMMITMENT

TO GREEN BUILDING AND WATER EFFICIENT ECO-FRIENDLY PRODUCTS

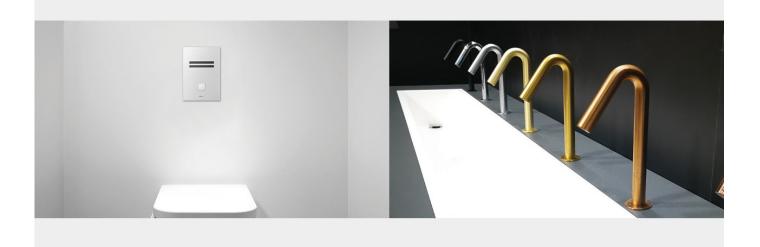
Stern was founded in 1989 and is a worldwide leader in the sanitary market producing touch free faucets, automatic soap dispensers, flush valves and related accessories.

Our wide array of intuitive electronic products and technologies improve the user experience and provide installation enhancements in over 135 countries around the globe.

Stern manufactures and machines all of its products and components, combining style and innovation with an extensive product line for both commercial and residential installations.

Stern has production and handling facilities in Israel and the US that are equipped with advanced technology and machinery run by a talented team of over 300 employees.

Stern remains at the very forefront of world technology and design with eco-friendly products that minimize the use of water and energy with quality designs according to new market trends.



WHAT'S INSIDE?



Touch free electronic hand sanitizer dispenser stands, pillars and stations



Deck mounted touch free lavatory faucets in minimalist, angled or robust designs



Wall mounted touch free faucets



Deck mounted touch free soap dispensers to be used with non-proprietary liquid or foam soap.



Wall mounted touch free soap dispensers to be matched with wall mounted faucets



Behind the mirror touch free faucets, soap dispensers and hand dryers with optional lockable cabinet.



Deck mounted or wall mounted hi-speed hand dryers in full brass or Stainless Steel AISI316



Touch free exposed or concealed flush valves for WC



 $Touch\ free\ exposed\ or\ concealed\ flush\ valves\ for\ Urinal$



Iron mounting frame set for touch free faucets, soap dispensers and hand dryers



Electronically operated self-closing foot washers for heavy duty areas



Heavy-duty thermostatic mixing valves



WHAT'S **NEW?**





special finishes. Pages 14, 51



Csaba Soap Dispenser with Soap Level Indicator

This new and innovative addition to our popular touchless, automated Csaba line is powered by a 12V transformer and includes a 1.6 Gallon (6L) soap tank suitable for high traffic areas and a level sensor that provides reliable continuous level measurement of soap in the tank. The level indicator is situated in the body of the soap dispenser and shows green when soap tank is full, orange when soap level is low and red when a refill is needed. Other models available.

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Underbasin TMV

Our newest and upgraded version of our high quality thermostatic mixing valve, heavy-duty, solid brass and lead free, provides an innovative cost effective solution for safe water temperature delivery.

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Hand Sanitizer Stand

Stern's touch free hand sanitizer dispenser stands are stand-alone, deck mounted units that are recommended for placement in supermarkets, banks, lobbies and any high traffic public areas. WIPO registered.

Page 1-10

TOUCHLESS TRENDS TO COMBAT THE SPREAD OF GERMS AND VIRUSES



HAND SANITIZER STAND

Touch free electronic hand sanitizer dispenser stand

,





HAND SANITIZER PILLAR

Touch free electronic hand sanitizer dispenser pillar

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WALL MOUNTED SANITIZER STATION

Touch free wall mounted or desktop electronic hand sanitizer station

8



FUN

HAND SANITIZER STAND

Touch free electronic hand sanitizer stand for kindergartens and schools

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HAND SANITIZER STANDS

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HAND SANITIZER 5-6
PILLAR



WALL MOUNTED 7-8
SANITIZER STATION



FUN HAND 9-10 SANITIZER STAND

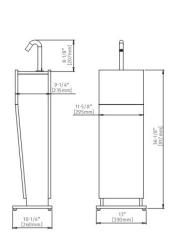


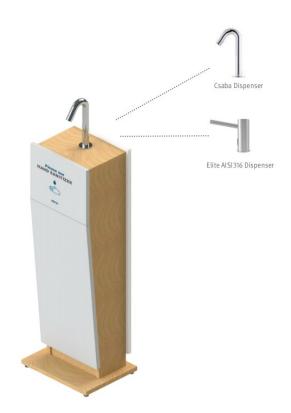
TOUCH FREE HAND SANITIZER STAND

Stern's touch free hand sanitizer dispenser stands are stand-alone units that are recommended for placement in supermarkets, banks, lobbies and any high traffic public areas.

PRODUCT AT A GLANCE

- · Infrared touchless hand sanitizer dispenser
- Powered by 6 x 1.5V D batteries or 12V transformer
- Peristaltic pump. Compatible with Ethanol, IPA Isopropyl Alcohol Up to 80% and Alcogel
- · For use with any brand of hand sanitizer. Viscosity of up to 3800 cPs
- Refill sanitizer priming operation by manual refill button or optional remote control
- Optional remote control to select the dosage of hand sanitizer disinfectant
- · Plywood HPL (High Pressure Laminate) cabinet
- 1.6 gallon (6L) tank
- Stand-alone
- · Csaba chrome plated brass body
- Elite AISI316 Premium
- · Lockable and both power options as standard
- Front door opening





Product	Power option	code
Touch Free Hand Sanitizer Stand 6L - Csaba	Batteries	281000CSC6B
Touch Free Hand Sanitizer Stand 6L- Csaba	Transformer	281000CSC6E
Touch Free Hand Sanitizer Stand 6L- Elite AISI316	Batteries	281000ELS6B
Touch Free Hand Sanitizer Stand 6L- Elite AISI316	Transformer	281000ELS6E

Accessories & Options					
Product	Ordering code	Description			
Remote control	07100008	Included on selected models			
Tray	03300048	For easy cleaning			
Power source	DP	Both power options in one product			
Lockable door	LD	For locations with risk of tampering. Available for 1.6 gallon (6L) models only.			

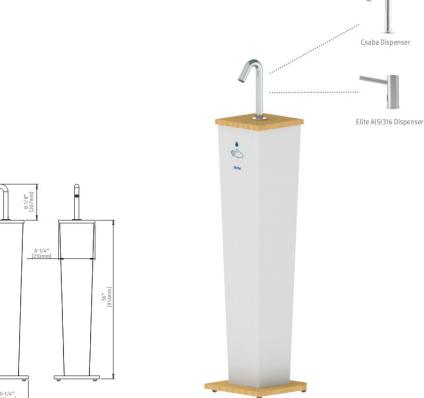


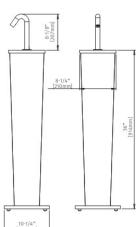
TOUCH FREE HAND SANITIZER PILLAR

Stern's touch free hand sanitizer dispenser pillars are stand-alone units that are recommended for placement in supermarkets, banks, lobbies and any high traffic public areas.

PRODUCT AT A GLANCE

- · Infrared touchless hand sanitizer dispenser
- Powered by 6 x 1.5V D batteries or 12V transformer
- Peristaltic pump. Compatible with Ethanol, IPA Isopropyl Alcohol Up to 80% and Alcogel
- For use with any brand of hand sanitizer. Viscosity of up to 3800 cPs
- · Refill sanitizer priming operation by manual refill button or optional remote control
- · Optional remote control to select the dosage of hand sanitizer disinfectant
- · Plywood HPL (High Pressure Laminate) cabinet with level indicator window
- 33.8 FL OZ (1L) bottle
- · Recommended for supermarkets, banks, lobbies, and high traffic areas
- · Stand-alone
- · Csaba chrome plated brass body
- Elite AISI316 Premium
- · Lockable and both power options
- · Back door opening





Product	Power option	code
TOUCH FREE HAND SANITIZER PILLAR 1L - CSABA	Batteries	281100CSCB
TOUCH FREE HAND SANITIZER PILLAR 1L- CSABA	Transformer	281100CSCE
TOUCH FREE HAND SANITIZER PILLAR 1L- ELITE AISI316	Batteries	281100ELSB
TOUCH FREE HAND SANITIZER PILLAR 1L- ELITE AISI316	Transformer	281100ELSE

Accessories & Options				
Product	Ordering code	Description		
Remote control	07100008	Included on selected models		
Power source	DP	Both power options in one product		

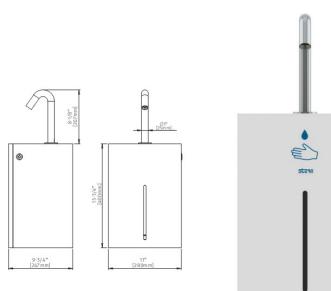


TOUCH FREE WALL MOUNTED HAND SANITIZER STATION

Stern's touch free hand sanitizer stations have been designed for wall mounted or desktop installations recommended for placement in train stations, ticket areas, ATM areas, banks, lobbies, and high traffic areas.

PRODUCT AT A GLANCE

- · Infrared touchless hand sanitizer dispenser
- Powered by 6 x 1.5V D batteries or 12V transformer
- Peristaltic pump. Compatible with Ethanol, IPA Isopropyl Alcohol Up to 80% and Alcogel
- For use with any brand of hand sanitizer. Viscosity of up to 3800 cPs
- Refill sanitizer priming operation by manual refill button or optional remote control
- · Optional remote control to select the dosage of hand sanitizer disinfectant
- · Plywood HPL (High Pressure Laminate) cabinet with level indicator window
- WM Station 1.6 gallon (6L) tank
- · For wall mounted or desktop installation
- · Recommended for train stations, ATM machines ticket machines and office reception desks
- · Csaba Chrome Plated Brass Body
- Elite AISI316 Premium
- · Lockable and both power options
- Front door opening



Product	Power option	code
CSABA WM HAND SANITIZER STATION	Batteries	22220
CSABA WM HAND SANITIZER STATION	Transformer	233200
ELITE AISI316 WM HAND SANITIZER STATION	Batteries	
ELITE AISI316 WM HAND SANITIZER STATION	Transformer	236132

Accessories & Options				
Product	Ordering code	Description		
Remote control	07100008	Included on selected models		
Tray	03300048	For easy cleaning		
Power source	DP	Both power options in one product		

Csaba Dispenser

Elite AISI316 Dispenser



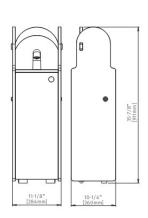


TOUCH FREE SANITIZER STAND

Stern's FUN touch free hand sanitizer stands provide K-12 schools with a safe and effective solution. Delivered in a choice of primary colors with soft, rounded edges specifically designed for preschool ages. A lockable cabinet and an on-off mechanism ensures that Stern FUN will not be used unsupervised.

PRODUCT AT A GLANCE

- · Infrared touchless hand sanitizer dispenser
- Powered by 6 x 1.5V D batteries or 12V transformer
- Peristaltic pump. Compatible with Ethanol, IPA Isopropyl Alcohol Up to 80% and Alcogel.
- For use with any brand of hand sanitizer. Viscosity of up to 3800 cPs
- Refill sanitizer priming operation by manual refill button or optional remote control
- · Optional remote control to select the dosage of hand sanitizer disinfectant
- · Plywood HPL (High Pressure Laminate) cabinet
- FUN 1.6 gallon (6L) tank
- · Stand-alone
- Recommended for schools, kindergarten, early learning centers and kids play areas.
- · On-Off mechanism and both power options as standard
- Front door opening
- · Lockable front door opening



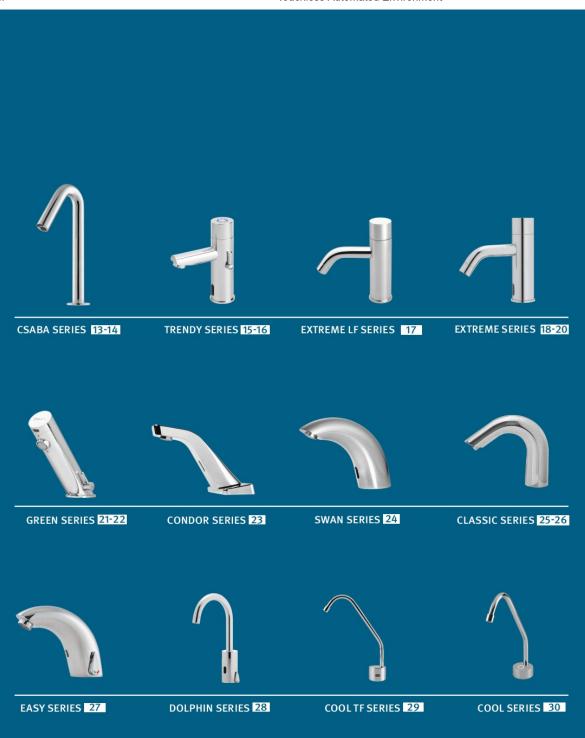


Product	Power option	code
CLASSIC - TOUCH FREE SANITIZER STAND FUN	Batteries	204200
CLASSIC - TOUCH FREE SANITIZER STAND FUN	Transformer	281200

Accessories & Options				
Product	Ordering code	Description		
Remote control	07100008	Included on selected models		
Power source	DP	Both power options in one product		

LAVATORY FAUCETS

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CSABA SERIES

Electronic lavatory faucet operated by IR sensor.

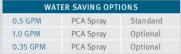
For cold or premixed water.

Activated by concealed IR sensor built into the spout.

Advantages:

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Minimalist design with an emotional appeal, perfectly balanced due to its tempting rounded edges and smooth transitions
- Sensor settings adjustable by remote control
- · Easy installation
- Matching IR operated soap dispenser
- Now available in a wide range of specials finishes.

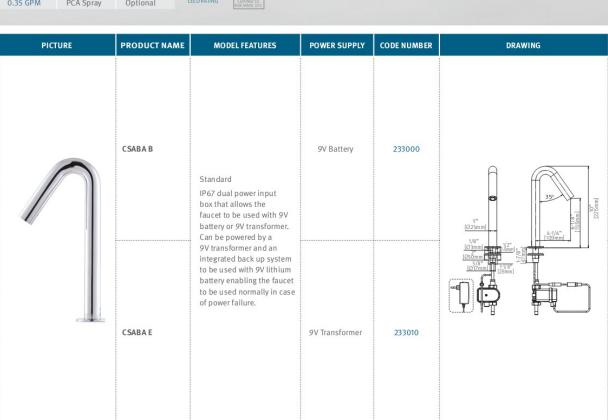
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PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	TRENDY LB AB1953	Long spout 90mm	6 X 1.5V AA Batteries	239401	5-3/8" [135mm] [1010459] [10104
Ш	TRENDY LE AB1953		9V Transformer	239501	[9]mml [44mm]
	TRENDY 1000 LB AB1953	Mixer to adjust water temperature.	6 X 1.5V AA Batteries	239601	5-3/8" [135 mm] [135 mm] [135 mm] [148/5 9] [158/68] [158/68] [158/68] [158/68] [158/68]
	TRENDY 1000 LE AB1953	Long spout 90mm	9V Transformer	239701	3-5/8" [91mm] [1-3/4" [44 mm] [1-3/4"] [50 mm]
	TRENDY PLUS B AB1953	Tall version for counter top wash basins	6 X 1.5V AA Batteries	239051	4-1/2" (115mm) -3/4" -8/100 -3/4" -8/100 -3/4" -8/100
	TRENDY PLUS E AB1953		9V Transformer	239151	0 1-3/A* 0 1-3/A* (1-7/2) (28 mm)
	TRENDY 1000 PLUS B AB1953	Tall version for counter top wash basins. Mixer to adjust water temperature	6 X 1.5V AA Batteries	239251	4-1/2" 115 mm
	TRENDY 1000 PLUS E AB1953		9V Transformer	239351	9, 1-3/4 1/2 1
	TRENDY BRE	Permanent ring illumination. When a user places his hands within the sensor range, the ring of light blinks while water runs out of the faucet.	9V Transformer	239105	4-1/2" [115mm] 5-20-11 [2-3]4" [37-4] [4-10]4"
	TRENDY 1000 BRE	Mixer to adjust water temperature Permanent ring illumination. When a user places his hands within the sensor range, the ring of light blinks while water runs out of the faucet.	9V Transformer	239305	4-1/2" [115mm] 5



PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	EXTREME LFB	Lead free version with concealed sensor at the spout	6 X 1.5V AA Batteries	237820	013/4" St d mml
	EXTREME LFE		9V Transformer	237810	103mm 103mm
	EXTREME LFB AISI316	Stainless steel AISI 316 body. Ideal for medical and coastal environments	6 X 1.5V AA Batteries	237821	(28 mm)
	EXTREME LFE AISI316		9V Transformer	237811	
	EXTREME 1000 LFB	Mixer to adjust water temperature	6 X 1.5V AA Batteries	237102	5° 01-1/2° 144mm
	EXTREME 1000 LFE		9V Transformer	237003	4" 103mml
	EXTREME 1000 LFB AISI316	Mixer to adjust water temperature	6 X 1.5V AA Batteries	237103	(Seminary 1777)
	EXTREME 1000 LFE AISI316		9V Transformer	237004	

17 LAVATORY FAUCETS



PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	EXTREME B	Standard	6 X 1.5V AA Batteries	237200	5-3/4" [147mm]
	EXTREME E		9V Transformer	237300	** E (
	EXTREME 1000 B	Mixer to adjust water temperature	6 X 1.5V AA Batteries	237100	5-3/4" [147mm] [18/5-9]
	EXTREME 1000 E		9V Transformer	237000	### A" 037/4" 037/4

PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	EXTREME PLUS B	Tall version for	6 X 1.5V AA Batteries	237250	24.3/8" 14.3/8" 18.5mm
	EXTREME PLUS E	counter top wash basins	9V Transformer	237350	0193/4" [103mm] [44mm] [44mm] [8/1/2]
	EXTREME 1000 PLUS B	Tall version for counter top wash basins.	6 X 1.5V AA Batteries	237150	5-3/A" [147mm]
	EXTREME 1000 PLUS E	basins. Mixer to adjust water temperature	9V Transformer	237050	103mm] 013/4" (44mm) (103mm) (
	EXTREME BRE	Standard Features a permanent ring illumination. When a user places his hands within the sensor range, the ring of light blinks while water runs out of the faucet.	9V Transformer	237305	5-3/A** [14/mm] -8/16/591 -10/3/4* [4/mm] -8/16/591 -10/3/4* [4/mm] -8/16/591 -10/3/4* [4/mm]
	EXTREME 1000 BRE	Mixer to adjust water temperature Features a permanent ring illumination. When a user places his hands within the sensor range, the ring of light blinks while water runs out of the faucet.	9V Transformer	237005	5-3/4" [147mm]
	EXTREME HLB LF	Long spout 176mm. Body diameter Ø38. Dual power input box. When powered by a 9V transformer features an integrated backup system to be used with a 9V Lithium Battery, which enables the product to be used normally in case of a power failure. Lead Free versions	9V Battery	237340	7-5/8* O1-1/2* D3mm O1-1/2* D3m
	EXTREME HLE LF		9V Transformer	237341	0134 (4.5)

19 LAVATORY FAUCETS









21 LAVATORY FAUCETS

PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	GREEN AB1953	Internal Battery	9V Battery	225901	45° 457/8
	GREEN B AB1953	Standard	6 X 1.5V AA Batteries	225951	10 La 1 La
	GREEN E AB1953		9V Transformer	225941	4-7/8" 123mm]
	GREEN BRE AB 1953	Ring Illumination Features a permanent ring illumination. When a user places his hands within the sensor range, the ring of light blinks while water runs out of the faucet.	9V Transformer	225921	1 [Interest 1 1 1 1 1 1 1 1 1
	GREEN 1000 AB1953	Mixer to adjust water temperature. Internal Battery	9V Battery	225801	17.10.6 A 3 / A" (122mm)
	GREEN 1000 B AB1953	Mixer to adjust water	6 X 1.5V AA Batteries	225871	10000 Maria (10000
	GREEN 1000 E AB1953	temperature	9V Transformer	225821	4-3/4" 122mm
	GREEN 1000 BRE AB1953	Mixer to adjust water temperature. Features a permanent ring illumination. When a user places his hands within the sensor range, the ring of light blinks while water runs out of the faucet.	9V Transformer	225891	4.2 / A" (122mm)

CONDOR SERIES

Electronic lavatory faucet operated by IR sensor. For cold or premixed water. Integrated deck plate versions.

Advantages:

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Lead Free
- Versions with integrated panel to cover old installation holes
- Sensor settings adjustable by remote control
- Easy installation





WA	TER SAVING OPT	IONS
0.5 GPM	PCA Spray	Standard
0.35 GPM	PCA Snrav	Ontional



PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	CONDOR 1010	Standard IP67 Dual power input box that allows the faucet to be used with a 9V battery or a 9V transformer. Condor 1010 can be also be powered	9V Battery	210100	2-3/8" [60mm] [178mm] [wwgg] -7" -7 /1-5
	CONDOR 1010 E	by a 9V transformer and an integrated backup system to be used with a 9V Lithium battery, which enables the product to be used normally in case of a power failure.	9V Transformer	210300	
	CONDOR	Integrated panel IP67 Dual power input box that allows the faucet to be used with a 9V battery or a 9V transformer. Condor can be also be powered	9V Battery	210000	2-3/8" 184mm
	CONDOR E	by a 9V transformer and an integrated backup system to be used with a 9V Lithium battery, which enables the product to be used normally in case of a power failure.	9V Transformer	210200	Barris Ba

23 LAVATORY FAUCETS



PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	SWAN 1010 AB1953	Internal Battery	9V Battery	250220	11/9* 11/9*
	SWAN 1010 B AB1953	Standard	6 X 1.5V AA Batteries	250310	(4-1)8'- (1000)11 (10
	SWAN 1010 E AB1953	Sandard	9V Transformer	250420	4- h0 iml 028mi
	SWAN 1000 AB1953	Internal Battery	9V Battery	252210	11/8" [GO 6mm] [GO 6mm]
	SWAN 1000 B AB1953	Standard	6 X 1.5V AA Batteries	252310	4-1/8" John J.
	SWAN 1000 E AB1953	Stalludiu	9V Transformer	252420	4° 10 mm] 5 V 8° mm] 102 dm mm]

CLASSIC SERIES

Electronic lavatory faucet operated by IR sensor.

Series includes options for cold or premixed water as well as hot and cold water.

Advantages:

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Robust, one piece construction, ideal for heavy duty areas
- Versions with internal battery for theft prevention
- Sensor settings adjustable by remote control
- Easy installation
- · Matching IR operated soap dispenser







WATER SAVING OPTIONS				
0.5 GPM	PCA Spray	Standard		
0.35 GPM	PCA Spray	Optional		
1.5 GPM	PCA Spray	Optional		





25 LAVATORY FAUCETS

PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	CLASSIC CS B	Internal Battery Concealed sensor for optimal quicker response from the sensor	6 X 1.5V AA Batteries	293100	[musps] 2-1/8" 2-1/8" 3-1/8"
	CLASSIC CS E	Intemal Battery Concealed sensor for optimal quicker response from the sensor	9V Transformer	293200	117 mm 1 5 4 4 5 / 8 * 1 / 8 *
	CLASSIC 1000 AB1953	Intemal Battery	9V Battery	292020	2-1/8* 1-
	CLASSIC 1000 B AB1953		6 X 1.5V AA Batteries	292120	2) (S. E. I.
	CLASSIC 1000 E AB1953	Standard	9V Transformer	292230	3-3/8" 2-1/8" 3-7/8" (Sisting) 1-1/8" 3-7/8" (Sisting) 1-1/8" (Sisting) 1-



PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	EASY 1000 B	Mixer to adjust water temperature with technician's mixer option that allows removing the mixing handle so that	6 X 1.5V AA Batteries	246050	
	EASY 1000 E	the maintenance staff can adjust the water temperature without giving that possibility to the end user.	9V Transformer	246060	

27 LAVATORY FAUCETS

DOLPHIN SERIES

Electronic lavatory faucet operated by IR sensor.

Series includes options for cold or premixed water as well as hot and cold water.

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Ideal for the healthcare sector.
- Sensor settings adjustable by remote control
- Easy installation



WATER SAVING OPTIONS					
0.5 GPM	PCA Spray	Standard			
2.2 GPM	PCA Laminar	Optional			







PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	DOLPHIN 1000 FB	Mixer to adjust water temperature	6 X 1.5V AA Batteries	270320	135mm) 151/4" (135mm) 173/4" (135mm)
	DOLPHIN 1000 FE	Internal solenoid	9V Transformer	270330	135mm 475 451
	DOLPHIN GB	Gooseneck tall spout	6 X 1.5V AA Batteries	270120	14-1/4" [362mm]
1	DOLPHIN GE	Gooseneck tail s pout	9V Transformer	270220	6-1/8"
	DOLPHIN FB	Standard	6 X 1.5V AA Batteries	270170	10-5/8"
	DOLPHIN FE	Stalludiu	9V Transformer	270180	5-1/4" 82" 82" 135mm

COOL TF SERIES

Touch free electronic glass or bottle filler faucet activated by IR sensor

Advantages:

- Deck mounted touch free glass or bottle-filler
- For cold or premixed water
- Filter included
- Lead free waterways
- · Retrofit installation compatibility
- Ideal for drinking fountains, bars, coolers and water stations
- Quickly and conveniently fill glasses or bottles with water



PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	COOL TFB	Long reach spout	6 X 1.5V AA Batteries	280150	2-1/8" [48mm]
	COOL TFE		9V Transformer	280140	
	COOL TF GB	Standard	6 X 1.5V AA Batteries	280160	**
	COOL TF GE	Standard	9V Transformer	280170	

29 LAVATORY FAUCETS

COOL SERIES

Electronically operated self closing glass filler faucet operated by touch. Operated by a Piezo element integrated in the faucet body.

- Drastically reduces water consumption
- No moving parts, ideal for heavy duty areas
- Non hold open feature
- Lead free
- Easy touch activation to allow use by young children, elderly and disabled people
- Ideal for drinking fountains, coolers and water stations at the gym
- Stable and accurate water flow that can be changed on site to fill in a specific glass or bottle size
- Designed for bars, restaurants and commercial food service kitchens
- Easy installation





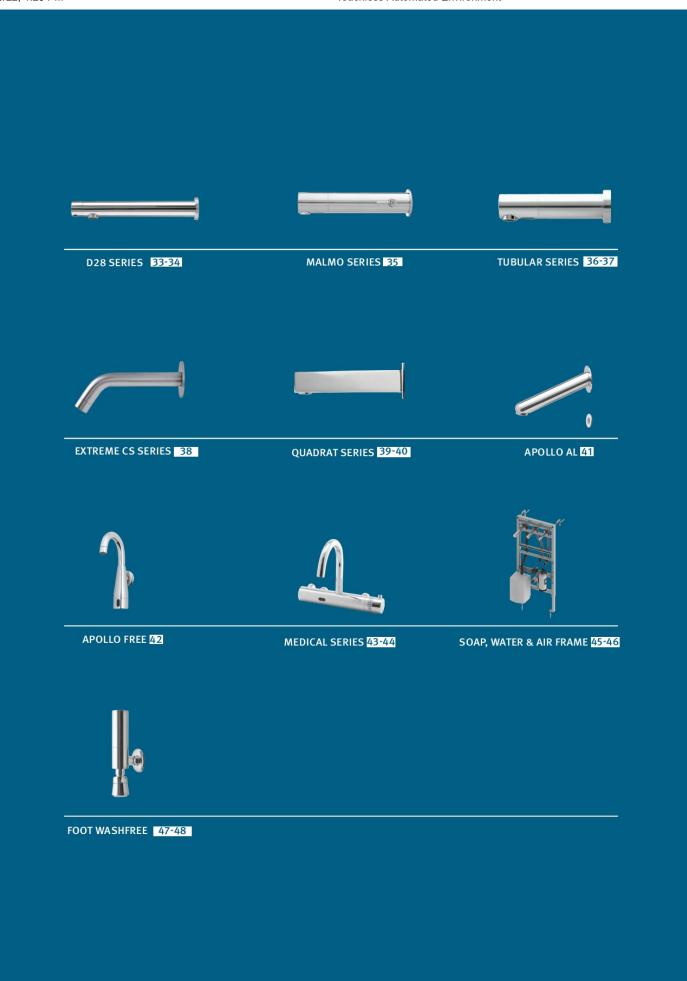




PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	COOLB	Long reach spout	6 X 1.5V AA Batteries	280115	** [Fundament of the content of the
	COOLE	Long reach spout	9V Transformer	280110	01-3/4" 4-7/8" 0-2 (125mm) 0-2 (144mm) 0-2
	COOLBRE	Long reach spout. Features a permanent ring illumination. When a user places his hands within the sensor range, the ring of light blinks while water runs out of the faucet.	9V Transformer	280100	
	COOL GB	Standard	6 X 1.5V AA Batteries	280125	3-4/4" [BE B 5-9 E]
	COOLGE	Standard	9V Transformer	280130	01-3/4" [94mm] E [44mm]
	COOL GBRE	Ring Illumination Features a permanent ring illumination. When a user places his hands within the sensor range, the ring of light blinks while water runs out of the faucet.	9V Transformer	280120	

WALL MOUNTED FAUCETS

31-48







PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING		
	D28 B	Concealed installation with open wall condition with full rear access such as	6 x 1.5 AA Batteries	352000	2-3/4" Domm 50 W W W W W W W W W		
9	D28 E	a service chase. Iron frame available (see page 45) 9V Transformer 352100		a service chase. Iron frame available (see page 45)		a service chase. Iron frame available (see page 45)	
	D28 AISI316	Stainless steel 316 body. Concealed installation with open wall condition with full rear access such as	9V Battery	352130	2-3/4" [70mm]		
	D28 EAISI316	Iron frame available (see page 45)	(ISSMM)				
	D28 DUAL POWER B	Concealed installation in hollow framed walls providing connection access below the sink. Dual power input box. When powered by a 9V transformer features an	9V Battery	352300	3/8*-11/2* 8-5/8* [218mm] [3-38mm] [218mm] [218mm]		
9	D28 DUAL POWER E	integrated backup system to be used with a 9V Lithium Battery, which enables the product to be used normally in case of a power failure. Iron frame available (see page 45)	9V Transformer	352400			
	D28 DPB AISI316	Stainless steel 316 body. Concealed installation in hollow framed walls providing connection access below the sink. Dual power input box. When powered by a 9V transformer	9V Battery	352301	3/8*-11/2* 8-5/8* [3-38mm] [218mm]		
	D28 DPE AISI316	features an integrated backup system to be used with a 9V Lithium battery, which enables the product to be used normally in case of a power failure. Iron frame available (see page 45)	9V Transformer	352401			

MALMO SERIES

Electronic wall mounted faucet operated by IR sensor. Solenoid valve, sensor and battery are integrated in the spout.

Series includes options for cold or premixed water as well as hot and cold water.

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Since the sensor, solenoid and battery are inside the body, servicing can be done from the front
- · Sensor settings adjustable by remote control
- Easy installation
- Internal solenoid valve
- Matching IR operated soap dispenser





LEED RATING

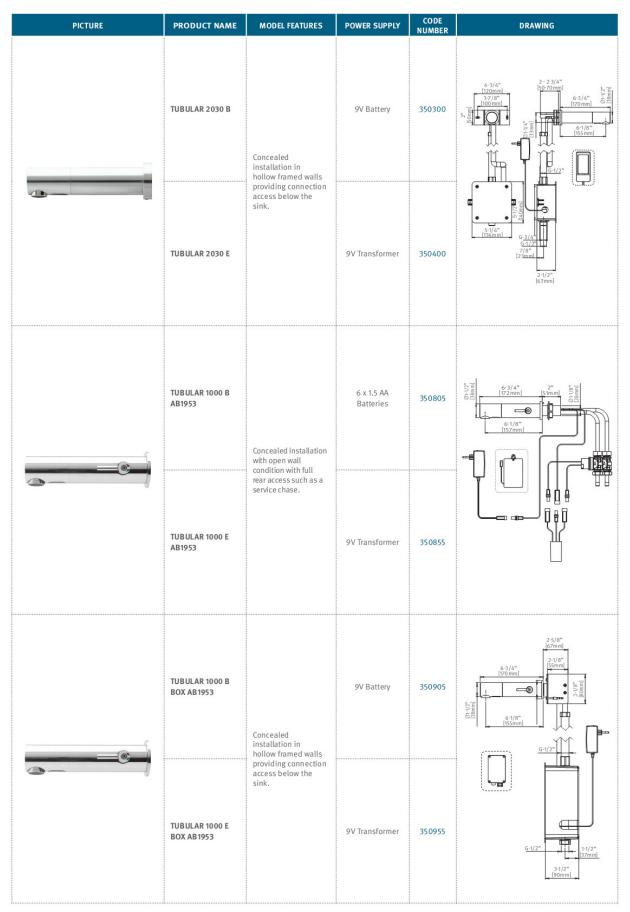
WA	WATER SAVING OPTIONS			
0.5 GPM	PCA Spray	Standard		
1.0 GPM	PCA Spray	Optional		
1.5 GPM	PCA Spray	Optional		
0.35 GPM	PCA Spray	Optional		

PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	MALMO	Concealed installation with open wall condition with full rear access such as a service chase.	9V Battery	225865	8-5/8" [220mm] 8-5/8" [220mm] 8" [205mm] 1, (1) (205mm) 1, (20
	MALMO 1000	Concealed installation with open wall condition with full rear access such as a service chase. Mixer to adjust water temperature	9V Battery	225860	3-1/8" - 4-1/8" [80-105mm] 2-5/8" [224mm] 2-7 [229mm]

35 WALL MOUNTED FAUCETS



PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	TUBULAR B	Concealed installation with open wall condition	6 x 1.5 AA Batteries	350200	6-3/4" [170mm] 2" 6-1/8" [155mm] (55mm]
	TUBULAR E	with full rear access such as a service chase.	9V Transformer	350100	
	TUBULAR B AISI316	Stainless steel 316 body. Concealed installation with open wall condition with full rear access such	6 x 1.5 AA Batteries	350208	6-3/4" [170mm] 6-1/6" [155mm] 6-1/6" [155mm]
	TUBULAR E AISI316	as a service chase. Iron frame available (see page 45)	9V Transformer	350109	



37 WALL MOUNTED FAUCETS

EXTREME CS SERIES

Electronic wall mounted faucet operated by IR concealed sensor integrated into the spout.

For cold or premixed water.

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Sensor settings adjustable by remote control
- Easy installation
- Matching IR operated soap dispenser









PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	EXTREME CS DPB		OV Date -	237802	
	EXTREME CS DPB AISI316	Concealed installation in hollow framed walls providing connection access below the sink. IP67 Dual power input box that allows the faucet to be used with a 9V battery or a	9V Battery	237802- 316	3-7/8" Max + 3/4" [100mm] Max 4 3mm] 7-5/8" [195mm] [195mm] [195mm] [195mm]
	EXTREME CS DPE	9V transformer. Dual power input box used as an integrated backup system with a 9V Lithium battery, for continued use in case of power failure.	9V Transformer	237803	
	EXTREME CS DPE AISI316		yv iransformer	237803- 316	

QUADRAT SERIES

Electronic wall mounted faucet operated by IR sensor.

Series includes options for cold or premixed water, long spout models and various installation options.

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Unique square design
- Sensor settings adjustable by remote control
- Easy installation
- Matching IR operated soap dispenser









 WATER SAVING OPTIONS

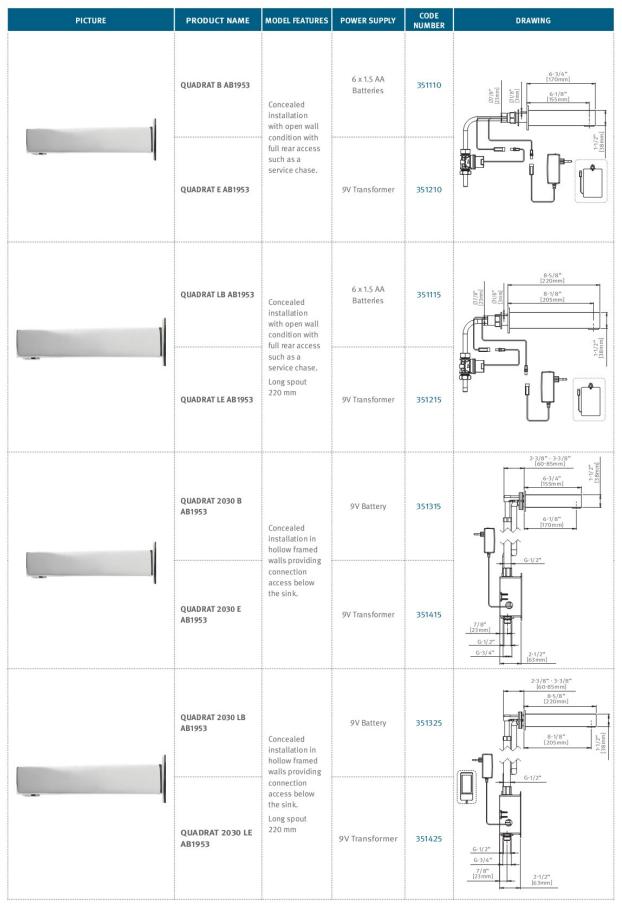
 0.5 GPM
 PCA Spray
 Standard

 0.35 GPM
 PCA Spray
 Optional





39 WALL MOUNTED FAUCETS



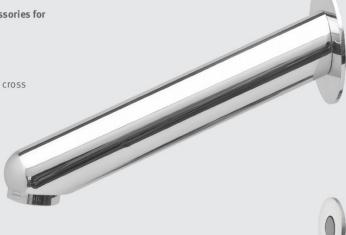
APOLLO AL SERIES

Electronic wall mounted faucet operated by IR sensor.

For cold or premixed water.

Includes options for wave or prox operation, and accessories for brick wall installation.

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Concealed installation.
- Sensor settings adjustable by remote control
- Easy installation











WATER SAVING OPTIONS					
0.5 GPM	PCA Spray	Standard			
0.35 GPM	PCA Spray	Optional			

PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	APOLLO ALB	Concealed installation with open wall condition with full rear access such as a service chase. Default Wave activation: Once the users place their hands at a close proximity to the sensor. Water will shut off if the users place their hands at a close proximity to the sensor again or once a factory set flow time of 8 seconds will pass. The flow time is adjustable on site by remote control. Optional Prox activation: Automatic activation when the users bring their hands within the sensor range, and stops when the users remove their hands.	6 X 1.5V AA Batteries	340600	Max 7/8" [140mm] 22-1/8" (5-5mm)
	APOLLO ALE		9V Transformer	340700	Sissimily Sissim

41 WALL MOUNTED FAUCETS

APOLLO FREE SERIES

Electronic wall mounted faucet operated by IR sensor.

Powered by an internal 9V battery. For cold or premixed water.

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Since the sensor, solenoid and battery are inside the body, servicing is extremely easy
- Ideal for retrofit projects
- · Sensor settings adjustable by remote control
- Easy installation







WATER SAVING OPTIONS					
0.5 GPM	PCA Spray	Standard			
0.35 GPM	PCA Spray	Optional			

PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	APOLLO FREE	Exposed installation	9V Battery	340100	159mm Somm S

MEDICAL SERIES

Electronic wall mounted faucet operated by IR sensor.

Features an integrated thermostatic mixer to prevent scalding operation and temperature control.

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Thermostatic control for optimum temperature
- Ideal for healthcare institutions
- Chrome plated brass body with metallic thermostatic handle
- Ideal for retrofit installations
- Sensor settings adjustable by remote control
- Internal solenoid valve
- Easy installation









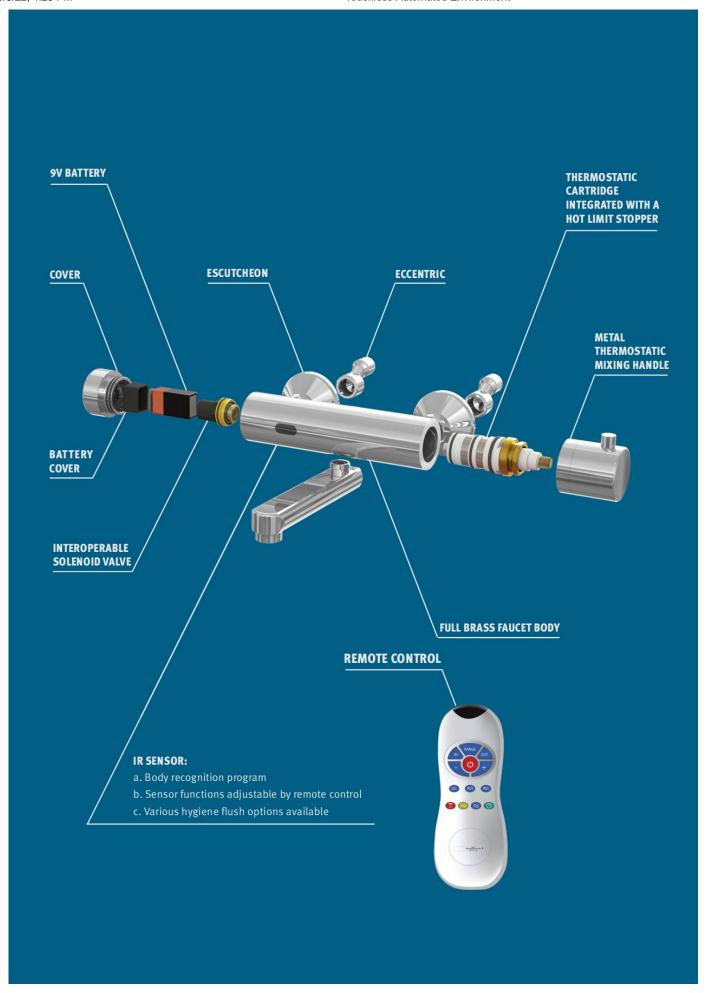
WAT	TER SAVING OPT	IONS
0.5 GPM	PCA Spray	Standard
0.35 GPM	PCA Spray	Ontional





PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	APOLLO MEDICAL FB LF	Exposed installation	9V Battery	314535	13-1/4" [286mm] 57/8" [300mm] [304/2" [304m] [403/4" [
	APOLLO MEDICAL FE LF	Gooseneck spout	9V Transformer	314545	203- 200- 200- 200- 200- 200- 200- 200-
	APOLLO MEDICAL B LF	Exposed installation	9V Battery	314505	2" 57/8" [50mm] 0-1/2" [33mm] G-3/4" G-3/4"
	APOLLO MEDICAL E LF	Swivel spout	9V Transformer	314515	

43 WALL MOUNTED FAUCETS



SOAP, WATER & AIR FRAME SETS

Iron mounting frame set.

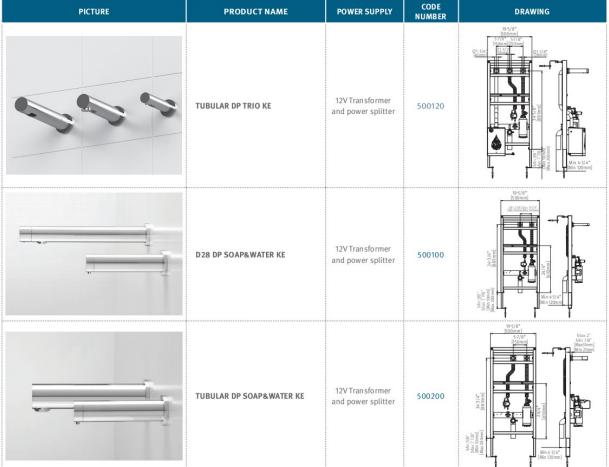
Touch free soap dispenser, touch free faucet and hi-speed hand dryer for public bathroom use.

Operated by IR sensor. The system includes mounting support for the washbasin, faucet, soap dispenser and hand dryer, available with full brass body or AISI316 material

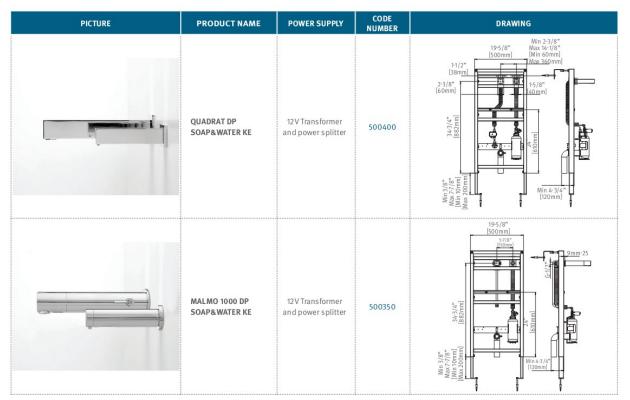
- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Minimizes hand washing drips to floors and counters
- Provides a complete electronic soap, water and air experience as well as the complete installation package
- . Contains 9 mm holes for use in wood frame construction
- Galvanized leg support, adjustable height up to 7.8" (200 mm)
- · Powder coated, blue color
- Retractable leg supports to 1.96" (50 mm)
- · Rotating foot plate
- · Supplied with all the needed fixing accesories
- Protection cover that protects the service opening against moisture and dirt and can be cut to length
- Frame with C profile 1.57" (40/40 mm)
- Frame height from 44.8 x 52.7" (1140 mm to 1340 mm)
- Modular. Option to order with soap dispenser, faucet or hand dryer only or any combination

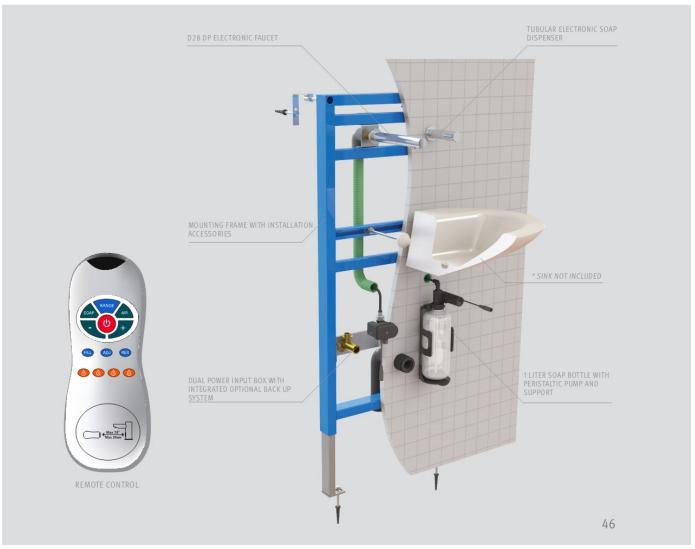






45 WALL MOUNTED FAUCETS

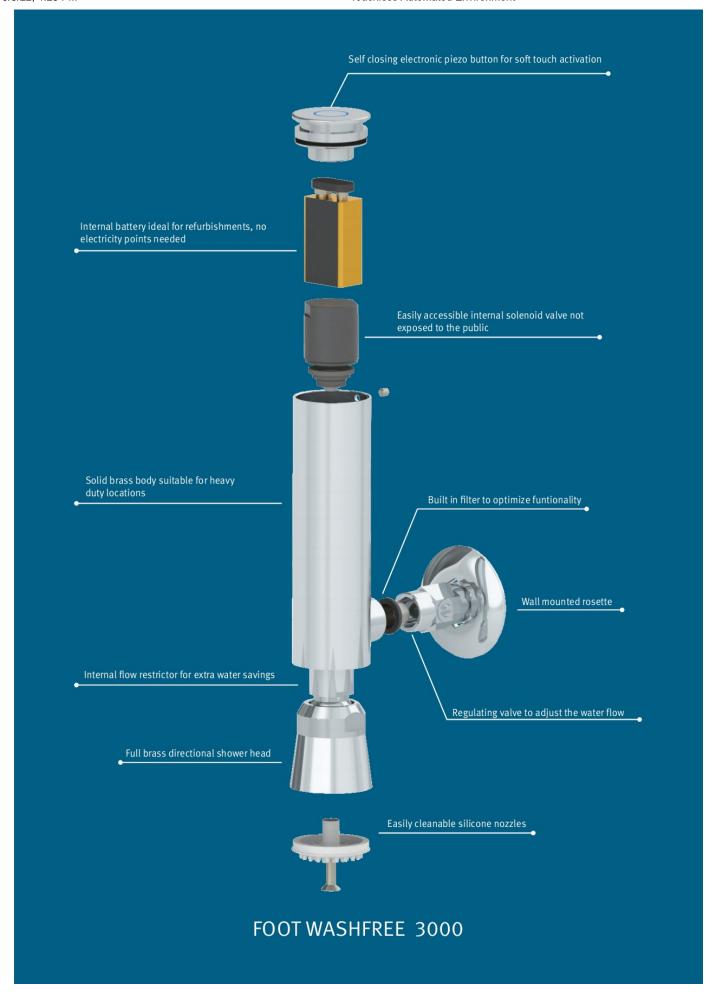






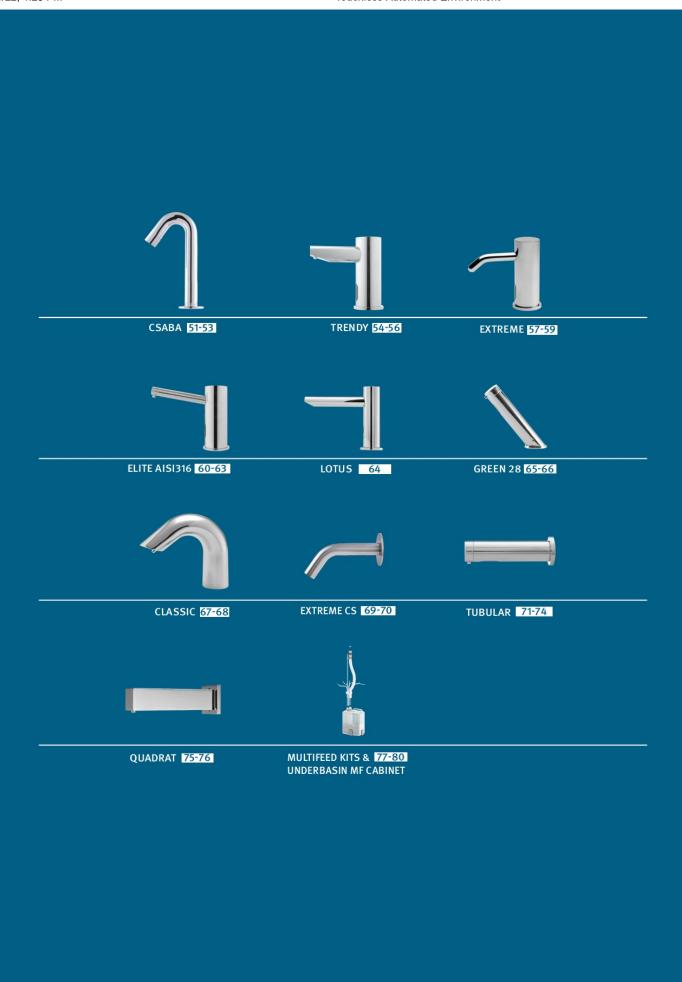
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	FOOT WASHFREE	Exposed installation	Internal 9V battery	113730	015/8" (6 0 mm) 100 100 100 100 100 100 100
	FOOT WASHFREE 3000	Exposed installation. Directional shower head	Internal 9V battery	113720	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)

47 WALL MOUNTED FAUCETS

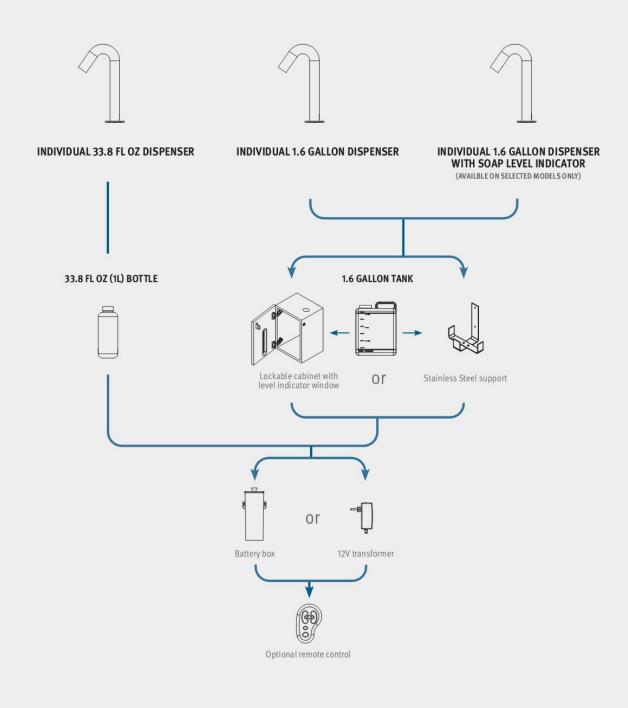


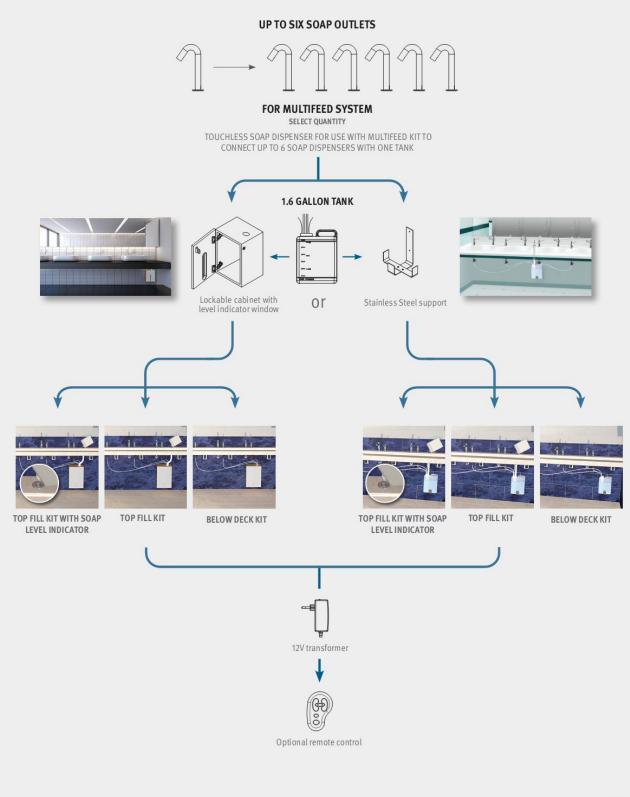
SOAP DISPENSERS

49-80



MAKE YOUR SOAP DISPENSER SELECTION





CSABA SOAP DISPENSER

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- Concealed IR sensor integrated into the spout
- Peristaltic pump

Options:

- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six (6) dispensers) with a single 1.6 US gallon (6L) tank
- Matching IR operated faucet

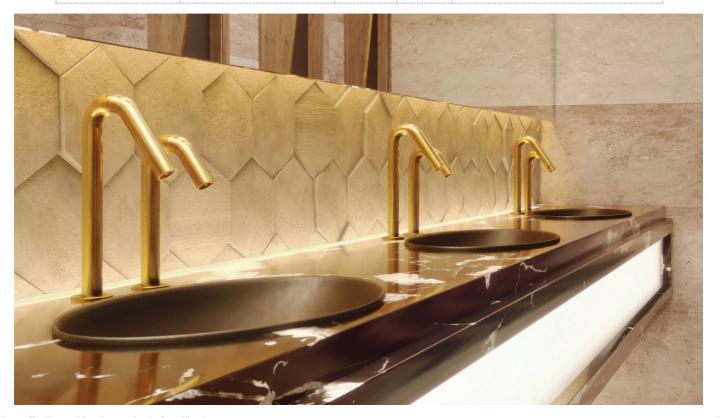
Advantages:

- Drastically reduces soap consumption
- Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable Designed for heavy traffic locations



STANDARD SOAP DISPENSER VERSIONS						
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING	
	CSABA SOAP DISPENSER B	Delivers liquid soap	Battery box for six (6) D batteries	233110	1 1 1 1 1 1 1 1 1 1	
	CSABA SOAP DISPENSER E	School Sugar	12V Transformer	233100		
	CSABA FOAM E	Delivers foam soap	12V Transformer	233120	0 T [25mm] 0 1/8 [27/8] 0 1/8 [

1.6 GALLON (6L) SOAP DISPENSER VERSIONS								
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING				
MF CSABA SOAP DISPENSER	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292288	5				
CSABA SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser	12V Transformer	233102	27.78° 27.				



NEW!

CSABA SOAP DISPENSER

WITH SOAP LEVEL INDICATOR

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- Soap level indicator shows green when soap tank is full, orange when soap level is low and red when a refill is needed.
- · Concealed IR sensor integrated into the spout
- Peristaltic pump
- 1.6 US gallon (6L) soap tank

Advantages:

- Reduces maintenance costs no need to open the cabinet to check soap level.
- Drastically reduces soap consumption
- Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable -Designed for heavy traffic locations
- Matching IR operated faucet



	STANDARD SOAP DISPENSER VERSIONS						
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING		
	CSABA SOAP DISPENSER E WITH LEVEL INDICATOR	Delivers liquid soap	12V transformer	233105	07 25mm 05/8" 27/8" 10 10 10 10 10 10 10 1		

TRENDY SOAP DISPENSER

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- · Chrome plated brass body
- · Peristaltic pump
- Adjustable settings

Options:

- Tall version for counter top sink
- Anti-rotation pin
- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six
 (6) dispensers) with a single 1.6 US gallon (6L) tank
- · Matching IR operated faucet

- Drastically reduces soap consumption
- Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- · Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- · Highly durable Designed for heavy traffic locations



STANDARD SOAP DISPENSER VERSIONS							
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING		
	TRENDY SOAP DISPENSER B	Delivers liquid soap	Battery box for six (6) D batteries	239910	1-1/2" 38mm		
	TRENDY SOAP DISPENSER E	SCHO3 11410 300p	12V Transformer	239900			
	TRENDY FOAM E	Delivers foam soap	12V Transformer	239930	01:-1/2/ 14 -1 -1 -1 -1 -1 -1 -1		

STANDARD SOAP DISPENSER VERSIONS						
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING	
	TRENDY SOAP DISPENSER PLUS B	Delivers liquid soap	Battery box for six (6) D batteries	239912	2-3/8" [38mm] 0 0 1-1/2" (38mm) 0 1-1/2" (38mm) 0 1-1/2" (38mm) 0	
	TRENDY SOAP DISPENSER PLUS E	Tall version: 12" (304 mm) body	12V Transformer	239902	(33-1/2, 1/2) [8] [8] [8] [8] [8] [8] [8] [8] [8] [8]	

1.6 GALLON (6L) SOAP DISPENSER VERSIONS								
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING				
MF TRENDY SOAP DISPENSER	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stem's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292073	1. 1/2" 3. 3. 5				
MFTRENDY FOAM DISPENSER	Delivers foam soap Deck mounted touch free electronic foam dispenser to be used with Stem's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292183	No. of the second secon				
MFTRENDY SD PLUS	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stem's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292099	10				
TRENDY SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser	12V Transformer	239916					

NEW!

TRENDY SOAP DISPENSER

WITH SOAP LEVEL INDICATOR

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- Soap level indicator shows green when soap tank is full, orange when soap level is low and red when a refill is needed.
- · Concealed IR sensor integrated into the spout
- Peristaltic pump
- 1.6 US gallon (6L) soap tank

- Reduces maintenance costs no need to open the cabinet to check soap level.
- Drastically reduces soap consumption
- · Cross contamination protection no physical contact
- · Clog and backflow prevention with designated peristaltic pump
- · Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable -Designed for heavy traffic locations
- · Matching IR operated faucet



STANDARD SOAP DISPENSER VERSIONS					
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	TRENDY SOAP DISPENSER E WITH LEVEL INDICATOR	Delivers liquid soap	12V transformer	239906	2-3/8" (simm) (3.3/2" (3.3mm) (3.4/2"

EXTREME SOAP DISPENSER

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- · Chrome plated brass body
- Peristaltic pump
- · Adjustable settings

Options:

- Tall version for counter top sink
- Anti-rotation pin
- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six
 (6) dispensers) with a single 1.6 US gallon (6L) tank
- Matching IR operated faucet

Advantages:

- Drastically reduces soap consumption
- Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- · Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable Designed for heavy traffic locations



STANDARD SOAP DISPENSER VERSIONS					
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	EXTREME SOAP DISPENSER B	Delivers liquid soap	Battery box for six (6) D batteries	237920	01-1/2" 38mm G
	EXTREME SOAP DISPENSER E		12V Transformer	237900	10 3-17-E1 27 14-1
	EXTREME SOAP DISPENSER PLUS B	Delivers liquid	Battery box for six (6) D batteries	237922	01:1/2"
	EXTREME SOAP DISPENSER PLUS E	soap Tall version: 12" (304 mm) body	12V Transformer	237905	Simms Simm





1.6 GALLON (6L) SOAP DISPENSER VERSIONS					
PRODUCT NAME	PRODUCT NAME MODEL FEATURES		CODE NUMBER	DRAWING	
MF EXTREME SOAP DISPENSER	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292056	01.172° 18 mm (G O)	
MF EXTREME SD PLUS	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292095	0.11/2, 1.00 (mm) 2.00 (mm	
EXTREME SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser	12V Transformer	237916	91-1/2* 138mm 9	

NEW!

EXTREME SOAP DISPENSER

WITH SOAP LEVEL INDICATOR

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- Soap level indicator shows green when soap tank is full, orange when soap level is low and red when a refill is needed.
- Concealed IR sensor integrated into the spout
- Peristaltic pump
- 1.6 US gallon (6L) soap tank

Advantages:

- Reduces maintenance costs no need to open the cabinet to check soap level.
- Drastically reduces soap consumption
- Cross contamination protection no physical contact
- · Clog and backflow prevention with designated peristaltic pump
- · Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable -Designed for heavy traffic locations
- Matching IR operated faucet



STANDARD SOAP DISPENSER VERSIONS					
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	EXTEREME SOAP DISPENSER E WITH LEVEL INDICATOR	Delivers liquid soap	12V transformer	237917	01-1/2"

ELITE SOAP DISPENSER AISI316

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features

- · Stainless steel AISI316 body
- Peristaltic pump
- Adjustable settings

Options:

- Tall version for counter top sink
- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six
 (6) dispensers) with a single 1.6 US gallon (6L) tank
- · Matching IR operated faucet
- Aletrnative 4.4" (112mm) long spout

- Drastically reduces soap consumption
- · Cross contamination protection no physical contact
- · Clog and backflow prevention with designated peristaltic pump
- · Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable Designed for heavy traffic locations



	STANDARD SOAP DISPENSER VERSIONS							
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING			
	ELITE SOAP DISPENSER B AISI316	Delivers liquid soap	Battery box for six (6) D batteries	236113	1-1/2" [38 mm] [100 3-3/8" [26/6] [26/6] [26/6] [27			
	ELITE SOAP DISPENSER E AISI316	Stainless Steel AISI 316 body	12V Transformer	236103				
	ELITE FOAM E AISI316	Delivers foam soap Stainless Steel AISI 316 body	12V Transformer	236122	01-1/2* [38mm] [mmy20] [mmy20] [mmy20] [mmy20] [mmy20]			
	ELITE FOAM E	Delivers foam soap Chrome plated brass body	12V HallStofflet	236120	1-1/7" 33mm			

STANDARD SOAP DISPENSER VERSIONS						
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING	
	ELITE SOAP DISPENSER PLUS B AISI316	Delivers liquid soap Tall version: 12" (304 mm)	Battery box for six (6) D batteries	236109		
	ELITE SOAP DISPENSER PLUS E AISI316	12" (304 mm) body Stainless Steel AISI 316 body	12V Transformer	236104	01-1/2* Samm Sign Sign	
	ELITE SOAP DISPENSER PLUS B	Delivers liquid soap Tall version: 12" (304 mm) body Chrome plated brass body	Battery box for six (6) D batteries	236107	33-1/2* [38mm]	
	ELITE SOAP DISPENSER PLUS E		12V Transformer	236105		



61 SOAP DISPENSERS

	1.6 GALLON (6L) SOAP	DISPENSER \	/ERSIONS	
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
MF ELITE SOAP DISPENSER AISI316	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Stainless Steel AISI 316 body	12V Transformer		1-1/2" 38mm M
MF ELITE SOAP DISPENSER	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Chrome plated brass body	12V Transformer	07292077	1 1 1 1 1 1 1 1 1 1
MF ELITE FOAM DISPENSER AISI316	Delivers foam soap Deck mounted touch free electronic foam dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Stainless Steel AISI 316 body	12V Transformer	07292240	
MF ELITE FOAM DISPENSER	Delivers foam soap Deck mounted touch free electronic foam dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Chrome plated brass body	12V Transformer	07292205	
MF ELITE SD PLUS AISI316	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Stainless Steel AISI 316 body	12V Transformer	07292241	11:3/8" 1289mm 138/6" 139/8" 130/4mm
MF ELITE SD PLUS	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Chrome plated brass body	12V Transformer	07292093	[5] [5] [5] [5] [5] [5] [5] [5] [5] [5]
ELITE SD 1.6 E AISI316	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser Stainless Steel AISI 316 body	12V Transformer	236126	91-1/2" B O
ELITE SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser Chrome plated brass body	12V Transformer	236216	10 3/1/2 1 1 1 1 1 1 1 1 1

NEW!

ELITE SOAP DISPENSER

WITH SOAP LEVEL INDICATOR

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- Soap level indicator shows green when soap tank is full, orange when soap level is low and red when a refill is needed.
- Concealed IR sensor integrated into the spout
- Peristaltic pump
- 1.6 US gallon (6L) soap tank

Advantages:

- Reduces maintenance costs no need to open the cabinet to check soap level.
- Drastically reduces soap consumption
- · Cross contamination protection no physical contact
- · Clog and backflow prevention with designated peristaltic pump
- · Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable -Designed for heavy traffic locations
- Matching IR operated faucet



	ST	ANDARD SOAP	DISPENSER VI	ERSIONS	
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	ELITE SOAP DISPENSER E WITH LEVEL INDICATOR	Delivers liquid soap	12V transformer	236131	3-7/8" [S4mm] [Mag 2]

63 SOAP DISPENSERS

LOTUS SOAP DISPENSER

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- Chrome plated brass body
- Peristaltic pump
- Adjustable settings
- Extra long direct spout

Options:

- Anti-rotation pin
- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six (6) dispensers) with a single 1.6 US gallon (6L) tank
- Matching IR operated faucet

- Drastically reduces soap consumption
- Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- · Highly durable Designed for heavy traffic locations



STANDARD SOAP DISPENSER VERSIONS								
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING			
	LOTUS SOAP DISPENSER B	Delivers liquid	Battery box for six (6) D batteries	230800	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			
	LOTUS SOAP DISPENSER E	soap	12V Transformer	230810	2 9 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

1.6 GALLON (6L) SOAP DISPENSER VERSIONS							
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING			
MF LOTUS SOAP DISPENSER	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292329	01-1/8" [mm]			
LOTUS SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser	12V Transformer	230820	11-148* 12-148			

GREEN 28 SOAP DISPENSER

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- · Chrome plated brass body
- Peristaltic pump
- Adjustable settings

Options:

- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six (6) dispensers) with a single 1.6 US gallon (6L) tank
- Matching IR operated faucet

- Drastically reduces soap consumption
- Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable -Designed for heavy traffic locations







65 SOAP DISPENSERS

	SOAP DISPENSER VERSIONS							
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING			
	GREEN 28 SOAP DISPENSER B	Delivers liquid soap Includes a brass base for abuse protection	Battery box for six (6) D batteries	352900				
	GREEN 28 SOAP DISPENSER E	in high traffic locations	12V Transformer	352910	18 (1972) 19 (1972)			
	GREEN 28 FOAM E	Delivers foam soap Includes a brass base for abuse protection in high traffic locations	12V Transformer	352920	(3)-1/8** (3)-1/			

	1.6 GALLON (6L) SOAP DISPENSER VERSIONS								
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING					
MF GREEN 28 SOAP DISPENSER	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stem's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292155	[8] [8] [8] [8] [8] [8] [8] [8] [8] [8]					
MF GREEN 28 FOAM DISPENSER	Delivers foam soap Deck mounted touch free electronic foam dispenser to be used with Stem's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292206						
GREEN 28 SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tankkit for an individual soap dispenser	12V Transformer	352916	101-1/8° [101-1/8°] [1					

CLASSIC SOAP DISPENSER

Deck-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- One piece chrome plated brass body
- Peristaltic pump
- Adjustable settings
- Concealed IR sensor integrated in the the spout

Options:

- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six (6) dispensers) with a single 1.6 US gallon (1L) tank
- Matching IR operated faucet

- Drastically reduces soap consumption
- · Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable Designed for heavy traffic locations

	STANDARD SOAP DISPENSER VERSIONS							
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING			
	CLASSIC SOAP DISPENSER B	Delivers liquid soap Includes a brass base for abuse protection in high traffic locations	Battery box for six (6) D batteries	292400				
	CLASSIC SOAP DISPENSER E		12V Transformer	292410	** [G] G			
	CLASSIC FOAM E	Delivers foam so ap Includes a brass base for abuse protection in high traffic locations	12V Transformer	292300	15/8* 01/8*			



	1.6 GALLON (6L) 5	OAP DISPEN	SER VERS	SIONS
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
MF CLASSIC SOAP DISPENSER	Delivers liquid soap Deck mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292177	15/8" (8/4m) 15/8" (8/4m) 1.2/8".
MF CLASSIC FOAM DISPENSER	Delivers foam soap Deck mounted touch free electronic foam dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation	12V Transformer	07292207	23/5mm 12/mm 12/mm
CLASSIC SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser	12V Transformer	292416	15/8" 1/8"



EXTREME CS SOAP DISPENSER

Wall-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- · Chrome plated brass body
- · Concealed sensor integrated into the spout
- IR sensor
- Peristaltic pump

Options:

- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six
 (6) dispensers) with a single 1.6 US gallon (6L) tank
- Matching IR operated faucet

Advantages:

- Drastically reduces soap consumption
- · Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable Designed for heavy traffic locations

	STAN	DARD SOAP DISPE	NSER VERS	SION	
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
EXTREME CS SOAP DISPENSER B	Delivers liquid soap Chrome plated brass	Battery box for six (6) D batteries	237891	6.38°. [150mm]	
	EXTREME CS SOAP DISPENSER E	Chrome plated brass Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	237890	38 gm m) 138 gm m) 151 gm

69 SOAP DISPENSERS

EXTREME CS SOAP DISPENSER AISI316

Wall-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- Stainless steel AISI316 spout
- · Concealed sensor integrated into the spout
- IR sensor
- · Peristaltic pump

Options:

- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six
 (6) dispensers) with a single 1.6 US gallon (6L) tank
- Matching IR operated faucet

- Drastically reduces soap consumption
- · Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- · Accurate soap dosage adjustable by remote control
- · Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable Designed for heavy traffic locations



	STANDARD SOAP DISPENSER VERSION							
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING			
	EXTREME CS SOAP DISPENSER B AISI316	Delivers liquid soap Stainless Steel AISI316 Concealed installation with open wall condition with full rear access such as a service chase.	Battery box for six (6) D batteries	237891-316	5-7/8° SOmm			
	EXTREME CS SOAP DISPENSER E AISI316		12V Transformer	237890-316				

TUBULAR SOAP DISPENSER

Wall-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- · Chrome plated brass body
- Peristaltic pump
- · Adjustable settings
- IR sensor in dispenser spout

Options:

- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six
 (6) dispensers) with a single 1.6 US gallon (6L) tank
- Matching IR operated faucet

Advantages:

- Drastically reduces soap consumption
- · Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable Designed for heavy traffic locations

STANDARD SOAP DISPENSER VERSIONS					
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	TUBULAR SOAP DISPENSER B Deliver Option Concea		Battery box for six (6) D batteries	350920	# 8/ 1/2 1
	open wall con rear access su	open wall condition with full rear access such as a service chase	12V Transformer	V Transformer 350925	
	TUBULAR SOAP DISPENSER 2030 B	Delivers liquid soap Concealed installation	Battery box for six (6) D batteries	350922	Max 1-5/8" Max 40mm 50 10 10 10 10 10 10 10
	TUBULAR SOAP DISPENSER 2030 E	in hollow framed walls providing connection access below the sink.	12V Transformer	350927	

71 SOAP DISPENSERS

	STANDARD SOAP DISPENSER VERSIONS					
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING	
	TUBULAR FOAM E	Delivers foam soap Optional version: 120mm Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	350980		

1.6 GALLON (6L) SOAP DISPENSER VERSIONS					
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING	
MF TUBULAR SOAP DISPENSER	Delivers liquid soap Wall mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Optional version: 120mm Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	07292076	#8/F40 War 157/8" 150mm 157/8" 150mm 150mm	
MFTUBULAR FOAM DISPENSER	Delivers foam soap Wall mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Optional version: 120mm Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	07292186		
MFTUBULAR SOAP DISPENSER 2030	Delivers liquid soap Wall mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Optional version: 120mm Concealed installation in hollow framed walls providing connection access below the sink.	12V Transformer	07292081	Max 15/8" 57/8" 150 mm 150 mm 1 14 14 14 14 14 14 14 14 14 14 14 14 1	
TUBULAR SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser Optional version: 120mm Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	350116	01-1/8" (0) 150 mm (0)	
TUBULAR 2030 SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser Optional version: 120mm Concealed installation in hollow framed walls providing connection access below the sink.	12V Transformer	350816	3-7/8" 100mm	

TUBULAR SOAP DISPENSER AISI316

Wall-mounted touch-free electronic soap dispenser for non-proprietary soap

Features:

- Stainless Steel AISI316 product body
- IR sensor in dispenser spout
- Peristaltic pump
- Adjustable settings

Options:

- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six
 (6) dispensers) with a single 1.6 US gallon (6L) tank
- · Matching IR operated faucet

Advantages:

- Drastically reduces soap consumption
- Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- · Accurate soap dosage adjustable by remote control
- Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable Designed for heavy traffic locations



	STANDARD SOAP DISPENSER VERSIONS				
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	TUBULAR SD B AISI316	Delivers liquid soap Concealed installation	Battery box for six (6) D batteries	350919	150mm 150mm
	TUBULAR SD E AISI316	with open wall condition with full rear access such as a service chase.	12V Transformer	350924	[aum] [3] [3] [3] [3] [3] [3] [3] [3] [3] [3
	TUBULAR SD 2030B AISI316	Delivers liquid soap Concealed installation in hollow framed walls providing connection access below the sink.	Battery box for six (6) D batteries	350918	Max 15/8"
	TUBULAR SD 2030E AISI316		12V Transformer	35 09 17	

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STANDARD SOAP DISPENSER VERSIONS					
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	TUBULAR FOAM E AISI316	Delivers foam soap Concealed installation with open wall condition with full rear access such as a service chase.			

1.6 GALLON (6L) SOAP DISPENSER VERSIONS					
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING	
MF TUBULAR SOAP DISPENSER AISI316	Delivers liquid soap Wall mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	07292221	*8/140 *8/140	
MF TUBULAR FOAM DISPENSER AISI316	Delivers foam soap Wall mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	07292231		
MF TUBULAR SOAP DISPENSER 2030 AISI316	Delivers liquid soap Wall mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Concealed installation in hollow framed walls providing connection access below the sink.	12V Transformer	07292222	Max 1-5/8" Max (a0mm) 5-7/8" 150 mm) 150 mm 144 mm)	
TUBULAR SD 1.6 E AISI316	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	350932	01-3/A* 5-7/8* 150mm 5-7/8* 150mm 15	
TUBULAR 2030 SD 1.6 E AISI316	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser Concealed installation in hollow framed walls providing connection access below the sink.	12V Transformer	350916	37/8" 100mm Max 15/8" Max 15/8	

QUADRAT SOAP DISPENSER

Wall-mounted touch-free electronic soap dispenser for non-proprietary soap

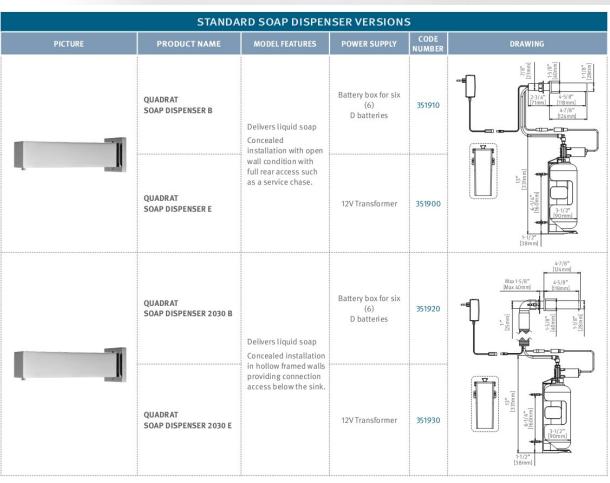
Features:

- 100% heavy-duty brass body
- IR sensor in dispenser spout
- Peristaltic pump
- · Adjustable settings

Options:

- 0.26 US gallon (1L) soap bottle
- 1.6 US gallon (6L) soap tank
- Multiple soap dispensers installation (up to six
 (6) dispensers) with a single 1.6 US gallon (6L) tank
- · Matching IR operated faucet

- Drastically reduces soap consumption.
 - Recommended soap viscosity 100-3800 cPs.
 - Recommended foam soap viscosity up to 100 cPs
- Cross contamination protection no physical contact
- Clog and backflow prevention with designated peristaltic pump
- · Accurate soap dosage adjustable by remote control
- · Maximized savings can be used with any non-proprietary soap
- Easy to install and refill
- Highly durable Designed for heavy traffic locations







	1.6 GALLON (6L) SOAP D	ISPENSER V	ERSIONS	
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
MF QUADRAT SOAP DISPENSER	Delivers liquid soap Wall mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	07292078	107/8" 101/24mm 118mm 118mm 118mm 128/12(2)
MF QUADRAT SOAP DISPENSER 2030	Delivers liquid soap Wall mounted touch free electronic soap dispenser to be used with Stern's Multifeed kits for multiple soap dispensers installation Concealed installation in hollow framed walls providing connection access below the sink.	12V Transformer	07292094	Max 1-5/8" Max (4-7/8" [124mm] 4-7/8" [15/8" [118mm] 4-7/8" [118mm] 4-7/8" [124mm]
QUADRAT SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser Concealed installation with open wall condition with full rear access such as a service chase.	12V Transformer	351916	1.5 /8" 4.7 /8 * 1/2 /4 mm 4.5 /8 * 1
QUADRAT 2030 SD 1.6 E	Delivers liquid soap 1.6 gallon (6L) tank kit for an individual soap dispenser Concealed installation in hollow framed walls providing connection access below the sink.	12V Transformer	351316	37/8" 100mm 3/3/4 100mm 3/3/4 100mm 3/3/4 100mm 3/3/4 100mm 3/3/4 100mm 4-7/8" 100mm 100

MULTIFEED KITS

Installation kit for more efficient maintenance of multiple soap dispensers. Saves time and money, can supply up to six soap dispensers from one large capacity 1.6 gallon (6L) tank. Ideal for high traffic applications with multiple hand washing stations in high traffic restroom environments. Enables productive refill of multiple soap dispensers through a single top fill unit above deck and an LED indicator that lets maintenance staff know when soap levels are low. Suitable for any foam or liquid soap of the recommended viscosity. For options see page 50.

Features:

- Allows multiple soap dispensers installation (up to six (6) dispensers) with a single 1.6 US gallon (6L) tank
- Stainless Steel tank support or lockable underbasin cabinet

Options:

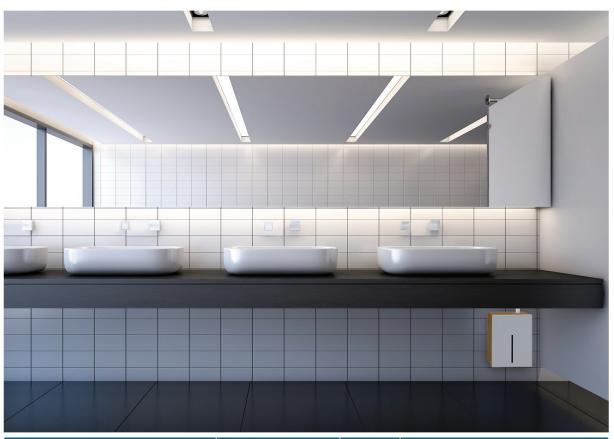
- Anti-theft top filling brass mechanism for easy refill from the counter top
- Soap level indicator
- · Below deck filling mechanism
- · NFW

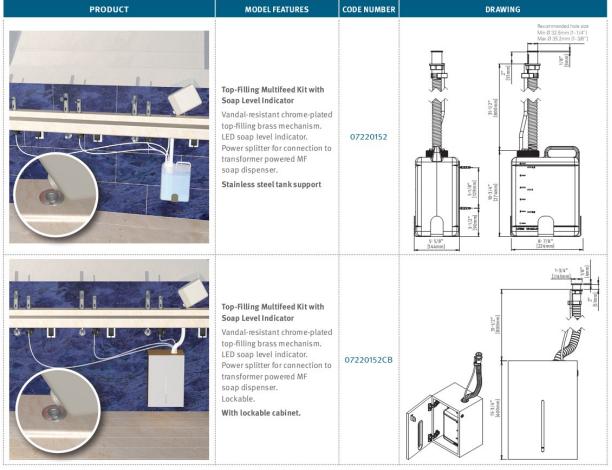
Plywood HPL (High Pressure Laminate) lockable cabinet with level indicator window. White panel and oak style frame for 1.6 Gallon (6L) soap tank with option to house the 33.8 FL OZ (1L) soap bottle as necessary. Hides unsightly pipes and connectors from the view of users.

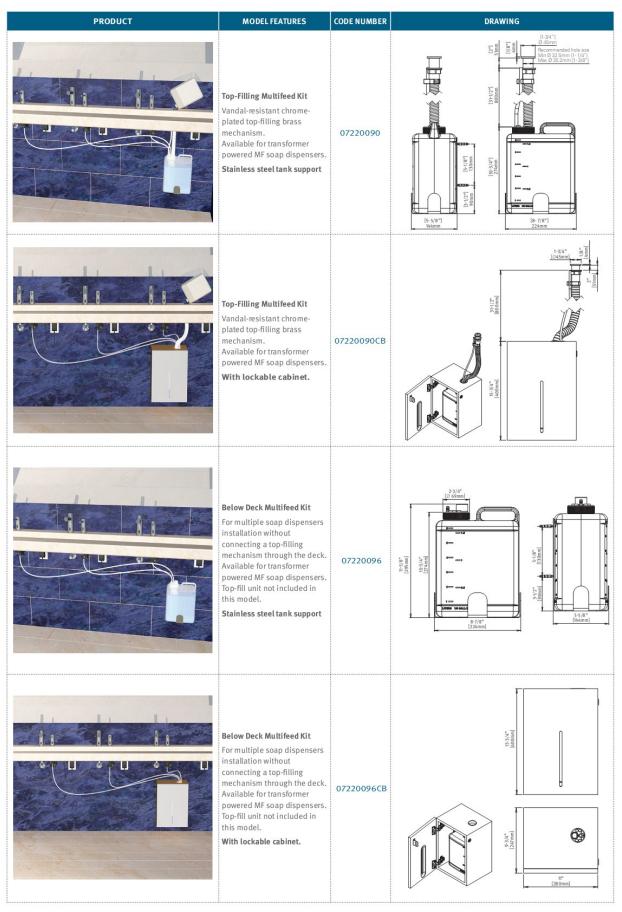
- Drastically reduces soap consumption
- · Cross contamination protection no physical contact
- Maximized savings can be used with any nonproprietary soap
- · Easy installation
- Fast and simple refill with optional LED indication of soap level
- Highly durable with optional vandal-resistant top-filling mechanism



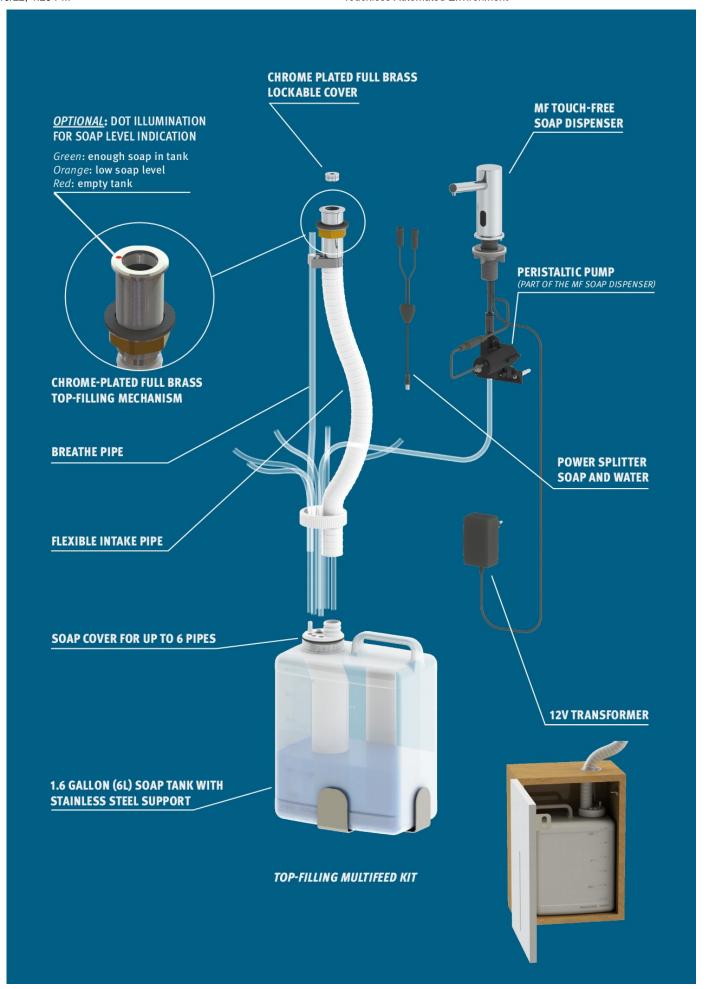
77 SOAP DISPENSERS







79 SOAP DISPENSERS







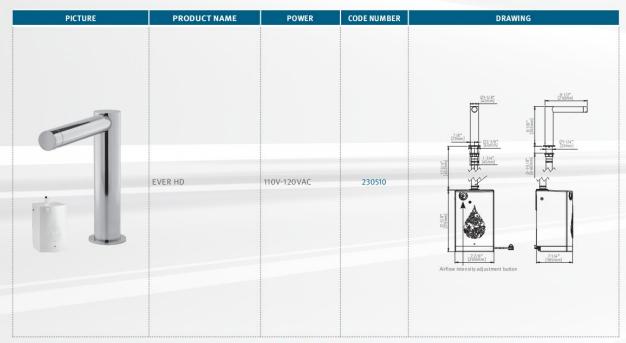
EVER HD

Electronic deck mounted hand dryer operated by IR sensor.

Touch free electronic hand dryer for deck mounted installations. Powered by 110V-120VAC. Sensor settings can be customized by remote control.

- Easy mounting back plate
- Installed above basin preventing hand wash drips to floors and counters
- HEPA filter for added hygienic properties
- Full brass body or stainless steel 316 material
- Variety of colors and special finishes available
- Matching touch free faucet and soap dispenser
- Highly durable Designed for heavy traffic locations
- Air flow intensity adjustable by external button
- · Adjustability with remote control: security time, detection range, delay out
- · On/Off function to perform cleaning





PRODUCT AT A GLANCE			
Installation	Deck mounted		
Operating Voltage	110V-120/220V-240VAC, 50/60 HZ, 0.84-1.0KW		
Drying Time	20 seconds		
Motor Thermal Protection	Auto resetting thermostat turns unit off, 120V at 135°C (257°F), 24°V at 95°C (203°F)		
Heater Thermal Protection	Auto resetting thermostat turns unit off at 85°C (185°F). Thermal fuse cuts unit at 142°V (288°F)		
Standby Power	0.3-0.4W		
Timing Protection	60 seconds auto shut off		
Sensing Range	170 mm ± 20 mm, adjustable		
Drip Proof	IP21		

OPTIONS				
OPTION	CODE			
Remote control	07100014			



TUBULAR HD

Electronic wall mounted hand dryer operated by IR sensor.

Touch free electronic hand dryer for wall mounted installations. Powered by 110V-120VAC. Sensor settings can be customized by remote control.

- · Easy mounting back plate
- Installed above basin preventing hand wash drips to floors and counters
- HEPA filter for added hygienic properties
- Full brass body or stainless steel 316 material
- Variety of colors and special finishes available
- · Matching touch free faucet and soap dispenser
- Highly durable Designed for heavy traffic locations
- Air flow intensity adjustable by external button
- · Adjustability with remote control: security time, detection range, delay out
- On/Off function to perform cleaning



PICTURE	PRODUCT NAME	POWER	CODE NUMBER	DRAWING
	TUBULAR HD Concealed installation with open wall condition with full rear access such as a service chase.	110V-120VAC	350030	0.23 /K" 152 cmm 152 c
	TUBULAR HD AISI316 Concealed installation with open wall condition with full rear access such as a service chase.	110V-120VAC	350040	1/2 1/2
	TUBULAR DP HD Concealed installation in hollow framed walls providing connection access below the sink.		350020	2/2 mm 2
	TUBULAR DP HD AISI316 Concealed installation in hollow framed walls providing connection access below the sink.	110V-120VAC	350010	Air flow intensity adjustment button

PRODUCT AT A GLANCE			
Installation	Wall mounted		
Operating Voltage	110V-120/220V-240VAC, 50/60 HZ, 1.3-1.6KW		
Drying Time	20 seconds		
Motor Thermal Protection	Auto resetting thermostat turns unit off, 120V at 135°C (257°F), 240V at 95°C (203°F)		
Heater Thermal Protection	Auto resetting thermostat turns unit off at 85°C (185°F). Thermal fuse cuts unit at 142°V (288°F)		
Standby Power	0.3-0.4W		
Timing Protection	60 seconds auto shut off		
Sensing Range	170 mm ± 20 mm, adjustable		
Drip Proof	IP21		

OPTIONS				
OPTION	CODE			
Remote control	07100014			

SWAR

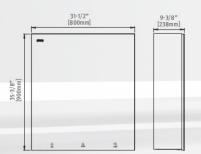
Complete sanitary cabinet with a lockable mirror.

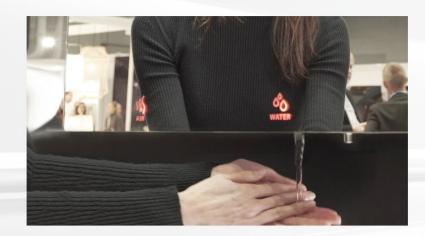
Includes high speed hand dryer, mixing valve, touch free faucet, touch free soap dispenser and LED pictograms for intuitive user guidance and decoration.

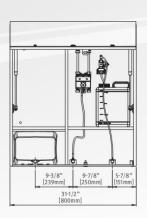
Delivered with remote controls to adjust soap dosage, select light color or sequence and customize the faucet settings.

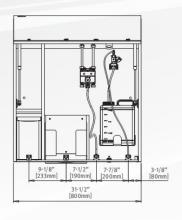
- Eliminates messy, slippery floors and hand drying queues
- Reduces the amount of labor for commercial facilities maintenance

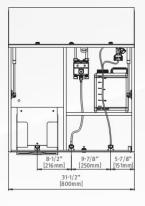












SWAR PN 280460-US 12V Transformer SWAR P PN 280470-US 12V Transformer SWAR PA PN 280462-US 12V Transformer

SWA HI-SPEED MODULE

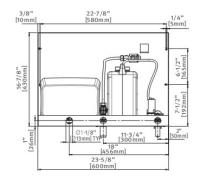
Complete system including high speed hand dryer, thermostatic mixing valve, touch free faucet, liquid soap dispenser and optional lamp soap level indicator.

- Ready to be integrated behind the mirror for a clear, minimalistic design
- Eliminates messy, slippery floors and hand drying queues
- Reduces the amount of labor for commercial facilities maintenance
- Easy installation with a stainless steel frame to be fixed to the wall
- · Ideal touch free soap-water-air cycle
- Helps preventing cross contamination
- Reduces water and soap consumption
- To be used with non-proprietary soap
- · Drying time: less than 15 seconds



Complete system including high speed hand dryer (1), thermostatic mixing valve (2), touch free faucet (3) liquid soap dispenser (4) and optional lamp soap level indicator (5)





PN 280410-US 12V Transformer



Modular system including touch free faucet (2) and liquid soap dispenser (3)



Modular system including high speed hand dryer (1), touch free faucet (2) and liquid soap dispenser (3) and optional lamp soap level indicator (5)



Modular system including high speed hand dryer (1) and liquid soap dispenser (3) and optional lamp soap level indicator (5)

 PN 280410-US
 PN 280410-US
 PN 280410-US

 12V Transformer
 12V Transformer
 12V Transformer

BTM SOAP DISPENSER



Touch free electronic soap dispenser for integration behind the mirror

- Drastically reduces soap consumption
- No physical contact. Helps to protect users against cross contamination
- Peristaltic pump. The soap is driven inside the soap tube without contact with the pump, preventing contamination and back flow
- Accurate soap dosage, adjustable by remote control
- To be used with non-proprietary soap for maximum savings
- · Easy to install and refill
- · Matching IR operated faucet

	вт	M SOAP DIS	SPENSER VER	SIONS	
PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	BEHIND MIRROR SD B	Delivers	Battery box for six (6) D batteries	280210	3/4" [20mm] [3/27/8"] [20mm] [2
	BEHIND MIRROR SD E	liquid soap	12V Transformer	280200	90 mm
	BTM FOAM E	Delivers foam soap	12V Transformer	280250	37/8" 150mm 1-3/4" 150mm

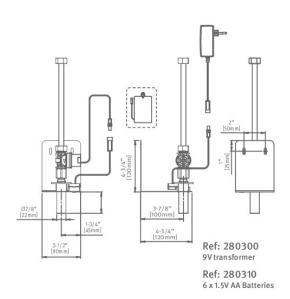
	В	TM MF SOAP DI	SPENSER VE	RSIONS
PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
MF BEHIND MIRROR SD	Soap dispenser to be used with Stern's Multifeed kits for multiple refill. Delivers liquid soap.	12V Transformer	07292223	
MF BEHIND MIRROR FOAM	Soap foam dispenser to be used with Stern's Multifeed kits for multiple refill. Delivers foam soap	12V Transformer	07292270	03/4" 13/4"
MULTIFEED KIT	This version allows multiple soap dispenser refill (up to 6 dispensers) with a single 1.6 US Gallons (6 liters) tank. See pages 77-80	-	07220096	(32-3)/4* (6) mm)

87 HAND DRYERS & BEHIND THE MIRROR

BTM FAUCET

Electronic wall mounted faucet for integration behind the mirror

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Sensor settings adjustable by remote control
- Easy installation behind the mirror
- Matching IR operated soap dispenser







BTM PAPER TOWEL HOLDER

Paper towel holder. Stainless steel AISI316. For integration behind the mirror as part of the SWA electronic wall mounted system. Easy installation. Space saving and functional solution that accommodates standard paper towels from your favorite brands (paper towels not included).

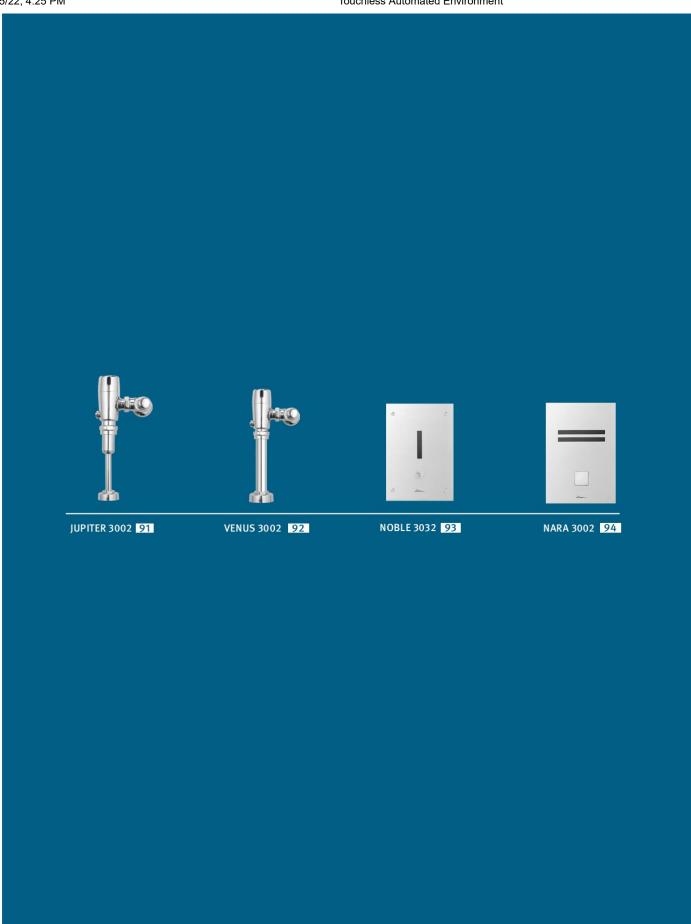
- Material Stainless Steel AISI316
- Dimensions 260mm x 300mm x 116mm



PRODUCT NAME	MODEL FEATURES	CODE NUMBER	DRAWING
PAPER TOWEL HOLDER	Stainless Steel AISI316 paper towel holder	03300018	10-1/4" 126 mm 100 mm

FLUSH VALVES

89-94



JUPITER 3002

Flush valve for urinals

Exposed electronic flush valve for urinal operated by IR sensor.

Includes a manual override flush activator button, integral flow regulator, in line filter, high pressure vaccuum breaker and adjustable tail piece. Flushing duration and other settings are adjustable by remote control.

Advantages:

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination.
- 100% brass chrome plated body
- Sensor settings adjustable by remote control
- Easy installation

Hygiene Flush: To maximize hygiene, this product is equipped with a 24 hour duty flush. The flush takes place after 24 hours of non-use. Prevents the trap seal from drying out, possible freezing of pipes and potential bacteria in standing water. This function can be disabled using the remote control.







PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	JUPITER M 0.5 GPF	Side inlet.	Internal 9V battery	140112	02.5/8" 66mm 3/4" NPT 5 1 1 1 1 1 1 1 1 1
	JUPITER ME 0.5 GPF	Manual override flush activator button.	9V Transformer	140516	02.5/8* [Imms 9] [Imms 9] [Imms 9] [Imm 00) [Imm 02.1/2* [64 mm]

VENUS 3002

Flush valve for toilets

Exposed electronic flush valve for toilet operated by IR sensor. Includes a manual override flush activator button, integral flow regulator, in line filter, high pressure vaccuum breaker and adjustable tail piece. Flushing duration and other settings are adjustable by remote control.

Advantages:

- · Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- 100 % brass chrome plated body
- · Sensor settings adjustable by remote control
- Easy installation

Hygiene Flush: To maximize hygiene, this product is equipped with a 24 hour duty flush. The flush takes place after 24 hours of non-use. Prevents the trap seal from drying out, possible freezing of pipes and potential bacteria in standing water. This function can be disabled using the remote control.







PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	VENUS 1.28 GPF	Side inlet.	Internal 9V battery	420242	20.5 (20) (20) (4.0 (20) (4.0 (20) (4.0 (20) (4.0 (20) (4.0 (4.0 (4.0 (4.0 (4.0 (4.0 (4.0 (4.0
	VENUS E 1.28 GPF 9V Transformer 420232	7 (C. 0.7) (1.1.2* (1.3.3mm) (1.3.3m			
	VENUS 3002 R	Side inlet. Manual override flush activator button	Internal 9V battery	420241	025/8" [Imm83] [Imm83] [Imm83] [Imm83]
	VENUS 3002 RE	Allows automatic activation when the users have left the toilet.	9V Transformer	420265	3.3/4 2.3/4 [70mm] 03.1/2* 3.8mm]
	VENUS 3003R PE	Designated for high security locations. Operated by remote activation Piezo button located in the inmate's cell, while the flush valve body is concealed in the service area. Each activation gives a pre-set run cycle. Allows activation of the toilet once the user touches the designated area in the Piezo button.	9V Transformer	420280	02-1/4* 02-5/8* 02-1/4* 158mm 17* NPT 4-3/4* s1/8* 19 0 1-1/2* 19 mm s.emm

NOBLE 3032 SERIES

Concealed electronic flush valve for toilet operated by IR sensor. Features a dual flush IR system.

Includes models with a Piezo override flush activator switch giving the user the possibility of alternative manual touch activation.

Flushing duration and other settings are adjustable by remote control.

Advantages:

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Sensor settings adjustable by remote control
- Easy installation and maintenance. Full access to components by removing the panel
- · Matching flush valve for urinals available

Hygiene Flush: To maximize hygiene, this product is equipped with a 24 hour duty flush. The flush takes place after 24 hours of non-use. Prevents the trap seal from drying out, possible freezing of pipes and potential bacteria in standing water. This function can be disabled using the remote control.







PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	H BUTTON DRAWING
	NOBLE 3032 P	Piezo override push button anti-block feature. Dual flush. Water will flush after the user moves away from the toilet. If the user spends less than one minute in front of	6 x 1.5V Batteries	460720	7-1/8* (190 mm)
.	NOBLE 3032 PE	the sensor a half flush (3 liters) will take place. For more than one minute in front of the sensor a full flush (4.5 liters) will take place. Iron frame available.	9V Transformer	460730	1-1/2 1-1/2
• c	NOBLE 3032	Manual override push button anti-block feature. Dual flush. Water will flush after the user moves away from the toilet. If the user spends less than one minute in front of the sensor a half flush (3 liters) will take	6 x 1.5V Batteries	460700	7.7/8° [80 mm]
NOBLE 3032 E	the sensor a fair litish (in the shift take place. For more than one minute in front of the sensor a full flush (4.5 liters) will take place. Iron frame available.	9V Transformer	460710	1-1/2 138mm	

93 URINALS & TOILETS

NARA 3002 SERIES

Concealed electronic flush valve for toilet operated by IR sensor. Features a dual flush IR system.

Includes models with a Piezo override flush activator switch giving the user the possibility of alternative manual touch activation.

Flushing duration and other settings are adjustable by remote control.

Advantages:

- Drastically reduces water consumption
- No physical contact. Helps to protect users against cross contamination
- Sensor settings adjustable by remote control
- Easy installation and maintenance. Full access to components by removing the panel
- Matching flush valve for urinals available

Hygiene Flush: To maximize hygiene, this product is equipped with a 24 hour duty flush. The flush takes place after 24 hours of non-use. Prevents the trap seal from drying out, possible freezing of pipes and potential bacteria in standing water. This function can be disabled using the remote control.







PICTURE	PRODUCT NAME	MODEL FEATURES	POWER SUPPLY	CODE NUMBER	DRAWING
	NARA 3002	Manual override push button anti-block feature. Dual flush. Water will flush after the user moves away from the toilet. If the user spends less than one minute in front of	9V Battery	160810	72.18* [188 mm]
- Sec.	NARA 3002 E	spends less than one minute in front of the sensor a half flush (3 liters) will take place. For more than one minute in front of the sensor a full flush (4.5 liters) will take place. Iron frame available.	9V Transformer	160820	1-1/2" [1/2" [1/2"mil] [1/2" [1/2"mil] [1/2" [1/2"mil] [1/2"
	NARA 3002 P	Piezo override push button anti-block feature. Dual flush. Water will flush after the user moves away from the toilet. If the user spends less than one minute in front of	9V Battery	160830	7.1/8" [Winm]
∞	NARA 3002 PE	the sensor a half flush (3 liters) will take place. For more than one minute in front of the sensor a full flush (4.5 liters) will take place. Iron frame available. 3002 PE	9V Transformer	160840	1/2° 1/2° 1/2°

ACCESSORIES 95-104







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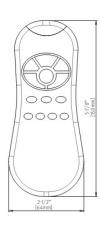
REMOTE CONTROL

Allows easy maintenance of extensive installations requiring custom settings.

The remote control allows adjustment of sensor features for all Stern electronic products, while some functions require a compatible product model:

- Sensor range
- Entrance to the self adjustment mode
- Security time
- · Short flow time
- Flow time

- Delay in
- Delay out
- 24 hour hygiene flush
- · Temporary off
- Reset



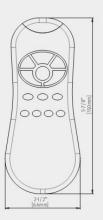


97 ACCESSORIES

SOAP & WATER REMOTE CONTROL

Code Number: 07100014

In addition to the possibility to change settings at liquid or foam soap dispensers, this remote control allows to change settings at Stern matching touch free faucets. The following functions and settings can be changed:





LIQUID SOAP DISPENSERS REMOTE CONTROL

Adjustable settings:

- Soap dosage
- Temporary shutoff function
- Soap tank refill
- Reset to factory settings

PICTURE	CODE NUMBER	DRAWING
	07100008	2-1/8" [55mm]

FOAM SOAP DISPENSERS REMOTE CONTROL

Adjustable settings:

- Soap dosage
- Air quantity
- Temporary shutoff function
- Soap tank refill
- Reset to factory settings

PICTURE	CODE NUMBER	DRAWING
	07100009	2-1/8" [55mm]

UNDERBASIN TMV

THERMOSTATIC MIXING VALVE

Advantages:

- Easy installation, connects directly to angle valves under the basin
- Thermostatic control for optimum temperature control
- Can connect up to 4 faucets simultaneously
- Includes hot water stop function to prevent scalding
- Built-in filters to prevent dirt entering the system.
- Back check valves prevent hot water entering cold water inlet.









PICTURE	PRODUCT NAME	MODEL FEATURES	CODE NUMBER	DRAWING
	UNDERBASIN TMV	G 3/8" inlet For use with Stern products	07200069 with connection kit 1 unit	3-7/8° [100mm] 1-1/2" [17mm] COLD 1-27mm] G-3/8" HOT Connection kit

PLUG IN TRANSFORMERS FOR FAUCETS, URINALS, TOILETS AND SHOWERS

Transformers with 5 meter cable male/female waterproof connector (CE, RoHS, UL).

TECHNICAL CHARACTERISTICS				
INPUT VOLTAGE	100 - 240V			
OUTPUT VOLTAGE	9V			
FREQUENCY	50 - 60 HZ			
OUTPUT CURRENT	500 MA			

PICTURE	PRODUCT NAME	CONNECTOR	CODE NUMBER
	CMITCHING TRANSFORMED HS DITIG	MALE —	06522115
	SWITCHING INAUSTONIER OSPERO	FEMALE —	06522116

IP68 SWITCHING TRANSFORMERS FOR FAUCETS, URINALS, TOILETS AND SHOWERS

IP68 Switching transformer for wet areas with 5m cable and male/female waterproof connector (CE,RoHS,CB).



PRODUCT NAME	CONNECTOR	INPUT VOLTAGE	OUTPUT VOLTAGE	FREQUENCY	OUTPUT CURRENT	CODE NUMBER
IDGO CWITCHING NO DUNG	MALE —	440.24014	01/	50/60 117	200 444	06522125
IP68 SWITCHING NO PLUG	FEMALE 💳 🗀	110-240V	9V	50/60 HZ	300 MA	06522126
IP68 SWITCHING US PLUG	MALE —	440.2707	014	50/60 117	200 MA	06522099
	FEMALE 💳 🗀	110-240V	9V	50/60 HZ	300 MA	06522100

IP68 ENCAPSULATED SWITCHING TRANSFORMER FOR FOR MULTIPLE PRODUCTS INSTALLATION

IP68 Encapsulated switching transformer with 5 meter cable and male/female waterproof connector (CE, RoHS,UL). Suitable for multiple products installation with electrical connection when combined with the appropriate power splitter.



PRODUCT NAME	CONNECTOR	INPUT VOLTAGE	OUTPUT VOLTAGE	FREQUENCY	OUTPUT CURRENT	CODE NUMBER
 IP68 ENCAPSULATED SWITCHING TRANSFORMER US PLUG	MALE —	440 24014	421/	50/60 HZ	254	06522065
 FOR CISTERNS	FEMALE 💳 🗀	110-240V	12V	50/60 HZ	2.5 A	06522070

TRANSFORMERS FOR SOAP DISPENSERS

 $12 \mbox{\ensuremath{\text{V}}}$ switching adaptor $% \mbox{\ensuremath{\text{w}}}$ with 5 meter cable and male waterproof connector.

PICTURE	PRODUCT NAME	INPUT VOLTAGE	OUTPUT VOLTAGE	FREQUENCY	OUTPUT CURRENT	CODE NUMBER
	12V TRANSFORMER - US PLUG	110-240V	12V	50/60 HZ	500 MA	06522117

POWER SPLITTERS

DRAWING	PRODUCT NAME	MODEL FEATURES	CODE NUMBER
	POWER SPLITTER 2 WAYS F-M2	Cable length to product: 100 mm Cable length to power supply: 100 mm	06001001
	POWER SPLITTER 2 WAYS M-F2	Cable length to product: 100 mm Cable length to power supply: 100 mm	06001004
	POWER SPLITTER 3 WAYS F-M3	Cable length to product: 100 mm Cable length to power supply: 100 mm	06001002
	POWER SPLITTER 2 WAYS M-F3	Cable length to product: 100 mm Cable length to power supply: 100 mm	06001005
	POWER SPLITTER SOAP & WATER 2 WAYS F-M/F	To be used with 12V transformer. For connection of one soap dispenser and one faucet. Cable length to product: 100 mm. Cable length to power supply: 100 mm	06001025
	POWER SPLITTER SOAP 2 WAYS F-M2	To be used with 12V, 2.5 A transformer. For multiple connection of 2 soap dispensers. Cable length to product: 500 mm Cable length to power supply: 100 mm	06001026
	POWER SPLITTER SOAP 3 WAYS F-M3	To be used with 12V, 2.5 A transformer. For multiple connection of 3 soap dispensers. Cable length to product: 1X500 mm, 2X1500 mm. Cable length to power supply: 100 mm	06001027
	POWER SPLITTER SOAP 4 WAYS F-M4	To be used with 12V, 2.5 A transformer. For multiple connection of 4 soap dispensers.Cable length to product: 2X500 mm, 2X1500 mm. Cable length to power supply: 100 mm	06001028

CABLE EXTENSION

DRAWIN	G	PRODUCT NAME	CODE NUMBER
		CABLE EXTENSION 100 MM MALE/FEMALE	06000064
		CABLE EXTENSION 100 MM MALE/MALE	06009018
		CABLE EXTENSION 100 MM FEMALE/FEMALE	06009022
		CABLE EXTENSION 100 MM MALE/OPEN	0600004
		CABLE EXTENSION 100 MM FEMALE/OPEN	0600003
	0	CABLE EXTENSION 100 MM MALE/BATTERY	06000029
		CABLE EXTENSION 100 MM FEMALE/BATTERY	06000050

101 ACCESSORIES

JUNCTION BOXES

DRAWING	PRODUCT NAME	MODEL FEATURES	INPUT VOLTAGE	OUTPUT VOLTAGE	FREQUENCY	OUTPUT CURRENT	CODE NUMBER
	JUNCTION BOX WITH TRANSFORMER FOR FAUCETS, URINALS, TOILETS AND SHOWERS	Connection point of up to 10 products together. Includes a 12VDC 2 Amp power supply transformer	115-230V	12V	60 HZ	2.1 A	06530013
200000	JUNCTION BOX WITH TRANSFORMER FOR SOAP DISPENSERS	Connection point of up to 10 Soap Dispensers or 10 ring illuminated products. Includes a 12VDC 4.2 Amp power supply transformer.	115-230V	12V	60 HZ	4.2 A	06530062

CABLES FOR JUNCTION BOX							
DRAWING	PRODUCT NAME	MODEL FEATURES	CODE NUMBER				
	OUTPUT CABLE FOR JUNCTION BOX	3 meters male connector	06000084				
	OUTPUT CABLE FOR JUNCTION BOX	3 meters female connector	06000086				

BATTERY BOXES

PICTURE	PRODUCT NAME	RERQUIRED BATTERIES	CONNECTOR	CODE NUMBER
	IDC7 DI ACK DATTEDY DOY	6y1 5V AA hattarias (Not supplied)	Male waterproof connector	06530096
	IP67 BLACK BATTERY BOX	6x1.5V AA batteries (Not supplied)	Female waterproof connector	06530091
	BATTERY BOX FOR FOR SOAP OR HAND SANITIZER DISPENSERS	6XD batteries (Not supplied)	Male waterproof connector	06530041

COVER PLATE KIT

Offers a solution for deck mounted faucets to cover unused mounting holes. 28 mm / $4^{\prime\prime}$ deck plate kit.

- One hole cover plate, for single hole mount faucets.
- Covers 28 mm diamter / 4" mounting holes.
- Complete kit with gasket and screw.



PICTURE	PRODUCT NAME	CODE NUMBER	DRAWING
	COVER PLATE 4" ANTI-ROTATION KIT FOR CLASSIC CS	07270290	## (177mm) ## (177mm) ## (177mm)
	COVER PLATE 4" ANTI-ROTATION KIT FOR CSABA	07270288	100 mm 100
	COVER PLATE 4" ANTI-ROTATION KIT FOR EASY 1000	07275005	10 mm
	COVER PLATE 4" ANTI-ROTATION KIT FOR TRENDY/EXTREME	07270291	To the second se

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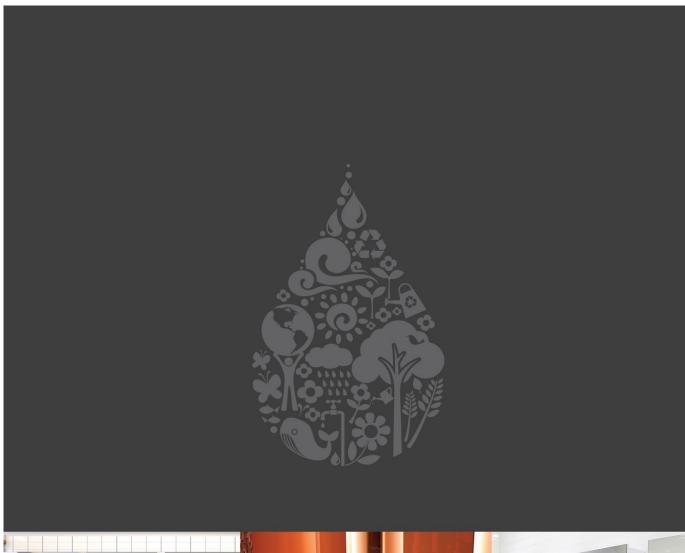
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