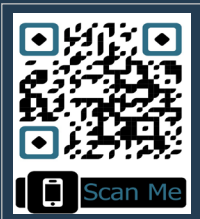Swifton Plumbing & Bathroom

SWIFTON

PLUMBING & BATHROOMS

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BENKISER
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THE BENKISER COLLECTION

TOUCHLESS SOLUTIONS FOR INNOVATIVE SANITARY ROOMS

INDEX

QUALITY BY BENKISER
MADE IN GERMANY

Solutions for the Sanitary Sector

Benkiser specializes in fittings for the commercial and public sector. Anyone looking for a fitting in this area places the highest demands on the product's quality and resilience. After all, you want to be sure that the products will last for many years under maximum load.

Whether it is a touch-free product or a self-closing fitting, we at Benkiser have a high level of vertical integration. All important components, in particular solenoid valves, sensor electronics or self-closing cartridges, are manufactured in-house. This is the only way we can be sure our quality standards will be met. Independent testing institutes certify the quality of the materials used and thus the durability of our products.

First and foremost is the health and safety of our customers. We make sure that materials like brass and Stainless Steel AISI316 comply with German and international drinking water ordinances. Regarding that, our own quality standards are far higher than the common requirements. The research and development and production for our products are subject to the highest standards and guidelines.

Our specialist partners know Benkiser as a reliable partner. Our customers can find out all about relevant topics at trade fairs, events or ask us directly. We will make sure they are provided with the right product for their specific needs. Our foremen and engineers are available 24/7 via our online customer service. They will hand out advice and solutions.

BENKISER
Made in Germany

MIX AND MATCH WITH A SPLASH OF COLORFUL SPECIAL FINISHES

TO PERFECTLY BLEND WITH YOUR DESIGN

POLISHED CHROME
Resistant to rust and corrosion, chrome is cost-effective and easy to clean.

MATT BLACK
Our trendy, durable, scratch-resistant, matt-black finish makes your modern design bolder and makes your classic design current.

PVD BRUSHED NICKEL
Popular for its "stainless steel" appearance, PVD Brushed Nickel creates a sophisticated and cool look that hides fingerprints and water spots.

PVD ANTIQUE BRONZE
Dramatic and striking, antique bronze lifts the ambiance with a touch of texture.

PVD COPPER
A velvety effect that goes well with contemporary and industrial styles.

PVD SATIN GOLD
Classic, warm and bold, satin gold has that unique "je ne sais quoi" to make it stand out.

PVD GUN METAL
Inspired by rifle barrels with a sheen that's not quite matte and not quite shiny, gunmetal Taps add an interesting touch to any design, particularly when paired with industrial elements.

STAINLESS STEEL AISI 316

AISI 316 Stainless Steel material provides exceptional resistance to corrosion caused by chlorides and acids. This makes it a highly sought-after material for use in various environments, including:

- Medical equipment and implants
- Food service, processing, and preparation environments
- Coastal environments
- Areas with high salt levels (such as roadways)
- Brewing facilities
- Environments with increased exposure to alkalis and acids

Thanks to its superior corrosion resistance, AISI 316 Stainless Steel simplifies the cleaning process by allowing the use of stronger cleansers and detergents without the risk of damaging or altering the appearance of the stainless steel.

This unique feature makes AISI 316 Stainless Steel an ideal upgrade for environments with strict hygiene and cleanliness standards.

METRIX PRIMUS

METRIX PRIMUS SOAP DISPENSER

METRIX FASHION

METRIX WALL MOUNTED

METRIX WALL MOUNTED SOAP DISPENSER

FASHION WALL MOUNTED

FASHION WALL MOUNTED SOAP DISPENSER

SENSOR WC

FERTIG-SET URINAL

Taps

SINTRA
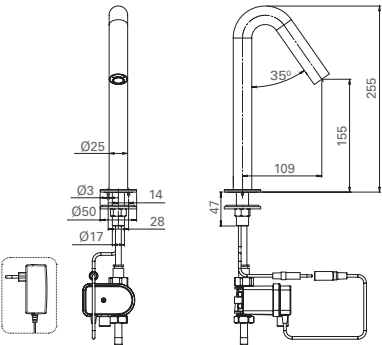### Touch free electronic tap

FEATURES
- Easy installation
- Activated by infrared sensor at the spout
- For cold / premixed water
- Dual Power Input Box incl. solenoid valve

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
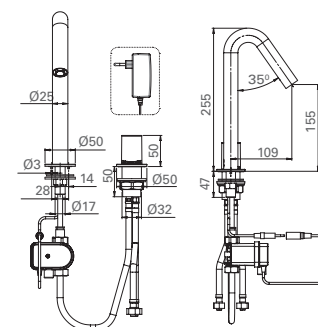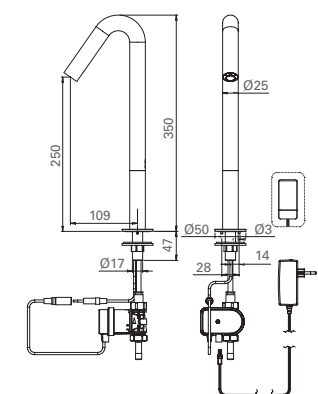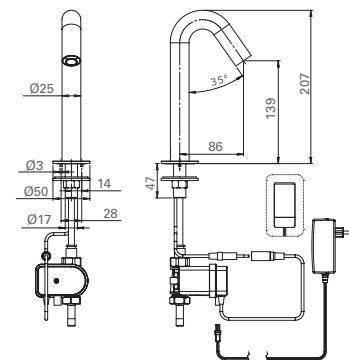- Solid brass body, chrome finish

TECHNICAL DETAILS
- Water pressure: 0,5 – 8,0 bar (7 – 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158°F)
- Low rate: 4 l/min
  - Options: 6 l/min (1,58 GPM), 3 l/min (0,8 GPM), 1,89 l/min (0,5 GPM), 1,3 l/min (0,35 GPM)
- Power: Dual Power Input Box
- Sensor range: 100 mm (self-adjusting)

- Scope of delivery: Tap (incl. connection / mounting kits), Dual Power Input box

SINTRA Tap

Model	Ref. No.	Power Supply	Drawing
	199 52 63	9V power adapter (100 – 240 V 50 – 60 HZ) and Dual Power Input Box	
	199 52 60	9V battery and Dual Power Input Box (battery not included)	

Model	Ref. No.	Power Supply	Drawing
	SINTRA Mixer		
	199 62 63	9V power adapter (100 – 240 V 50 – 60 HZ) and Dual Power Input Box	
	199 62 60	9V battery and Dual Power Input Box (battery not included)	
	SINTRA Extra		
	199 53 63	9V power adapter (100 – 240 V 50 – 60 HZ) and Dual Power Input Box	
	199 53 60	9V battery and Dual Power Input Box (battery not included)	
	SINTRA Petite		
	199 52 23	9V power adapter (100 – 240 V 50 – 60 HZ) and Dual Power Input Box	
	199 52 20	9V battery and Dual Power Input Box (battery not included)	

SINTRA 2-in-1

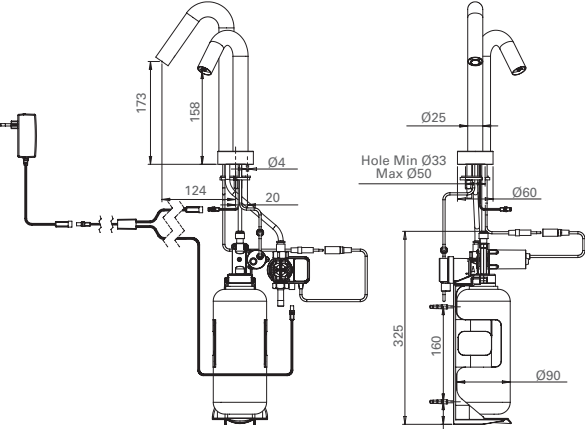Touch free electronic tap and soap dispenser

FEATURES

- Easy installation
- Activated by infrared sensor at the spout
- For cold / premixed water
- For nonproprietary soaps
- Dual Power Input Box incl. Solenoid valve

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Water pressure: 0,5 – 8,0 bar (7 – 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158°F)
- Flow rate: 4 l/min
  - Options: 6 l/min (1,58 GPM), 3 l/min (0,8 GPM), 1,89 l/min (0,5 GPM), 1,3 l/min (0,35 GPM)
- Power: Dual Power Input Box
- Sensor range: 100 mm (self-adjusting)

- Soap dosage: 1,2 - 1,6 cc
- Recommended viscosity: 100 - 3800 cP
- Soap priming:
  - By remote control
  - By manual refill button

- Scope of delivery: Tap and soap dispenser (incl. connection / mounting kits), Dual Power Input box, Soap Tank, Y-Adapter

Sintra 2-in-1

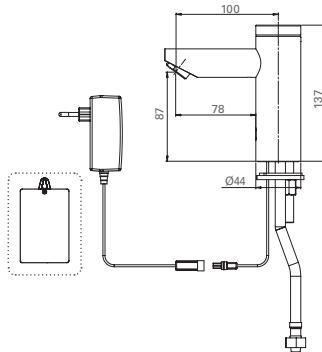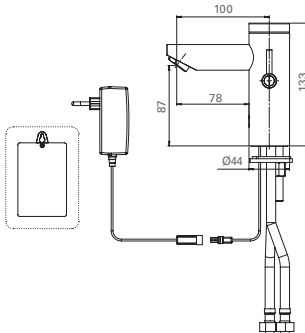| Mode	Ref. No.	Power Supply	Drawing
	199 12 53	9V power adapter (100 – 240 V 50 – 60 HZ) and Dual Power Input Box	

METRIX II
Touch free electronic tap
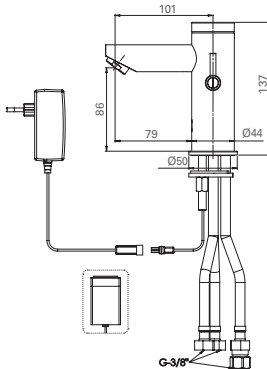
FEATURES

- Easy installation
- Activated by infrared sensor
- For cold / premixed water
- Internal solenoid valve

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

- Approval-No. PA-IX 38412/IO

TECHNICAL DETAILS

- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)
- Flow rate: 6 l/min
  - Options: 4 l/min (1,0 GPM), 3 l/min (0,8 GPM), 1,89 l/min (0,5 GPM), 1,3 l/min (0,35 GPM)
- Sensor range: 120 mm (pre-set)

- Scope of delivery: Tap (incl. connection / mounting kits), flex. hoses 3/8", backflow preventer (mixer), power supply

Model	Ref. No.	Power Supply	Drawing
Metrix II Low Pressure Tap			
	199 60 83	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 60 80	6 x 1,5V AA batteries	
METRIX II Tap			
	199 50 53	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 50 50	6 x 1,5V AA batteries	
METRIX II Mixer			
	199 60 53	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 60 50	6 x 1,5V AA batteries	

Hot Water Limit
Locking of mixer handle regulation limits the max. hot water supply!
Limit can be adjusted continuously.

Locked handle

max. hot   max. cold

METRIX FASHION

Touch free electronic tap

FEATURES

- Easy installation
- Activated by infrared sensor at the spout (Fashion)
- For cold / premixed water
- Internal solenoid valve

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

- Approval-No. PA-IX 38412/IO

TECHNICAL DETAILS

- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)
- Flow rate: 4 l/min
  - Options: 6 l/min (1,58 GPM), 3 l/min (0,8 GPM), 1,89 l/min (0,5 GPM), 1,3 l/min (0,35 GPM)
- Sensor range: 95 mm (self-adjusting)

- Scope of delivery: Tap (incl. connection / mounting kits), flex. hoses 3/8", backflow preventer (mixer), power supply

Model	Ref. No.	Power Supply	Drawing
METRIX FASHION Tap			
	199 50 63	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 50 60	6 x 1,5V AA batteries	
METRIX FASHION Mixer			
	199 60 63	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 60 60	6 x 1,5V AA batteries	
METRIX FASHION TALL Mixer			
	199 61 63	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 61 60	9V battery	

Hot Water Limit
Locking of mixer handle regulation limits the max. hot water supply!
Limit can be adjusted continuously.

Locked handle
max. hot   max. cold
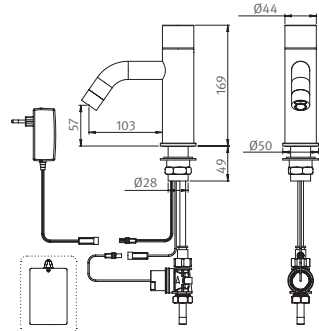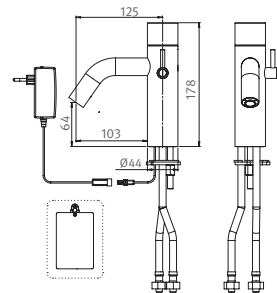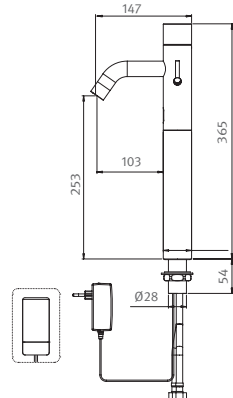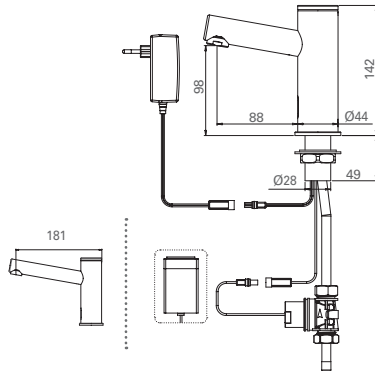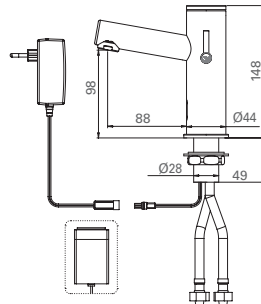
METRIX PRIMUS

Touch free electronic tap

FEATURES

- Easy installation
- Activated by infrared sensor
- For cold / premixed water
- External solenoid valve

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Stainless steel AISI 316

TECHNICAL DETAILS

- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)
- Flow rate: 6 l/min
  - Options: 4 l/min (1,0 GPM), 3 l/min (0,8 GPM), 1,89 l/min (0,5 GPM), 1,3 l/min (0,35 GPM)
- Sensor range: 170 mm (pre-set)

- Scope of delivery: Tap (incl. connection / mounting kits), flex. hoses 3/8", backflow preventer (mixer), power supply

STAINLESS STEEL AISI316

Model	Ref. No.	Power Supply	Drawing
METRIX PRIMUS Tap			
	199 38 53	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 38 50	9V battery	
	199 38 63 (Transformer) 199 38 60 (Battery)	as above, but longer spout	
METRIX PRIMUS Mixer			
	199 48 53	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 48 50	9V battery	
METRIX PRIMUS TALL Tap			
	199 39 53	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 39 50	9V battery	
	199 39 63 (Transformer) 199 39 60 (Battery)	as above, but longer spout	

Hot Water Limit
Locking of mixer handle regulation limits the max. hot water supply!
Limit can be adjusted continuously.

Locked handle

max. hot   max. cold

METRIX SCHWANENHALS
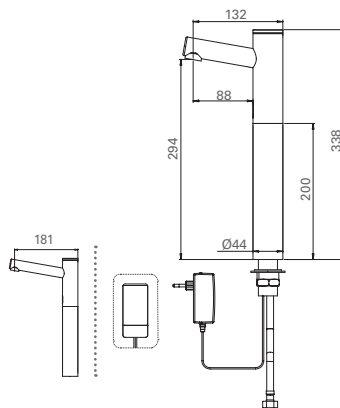
Touch free electronic tap

FEATURES

- Easy installation
- Activated by infrared sensor
- For cold / hot water
- Internal solenoid valve
- Fixed spout

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)
- flow rate: 1,89 l/min
  - Options: 6 l/min (1,58 GPM), 4 l/min (1 GPM), 3 l/min (0,8 GPM), 1,3 l/min (0,35 GPM)
- Sensor range: 170 mm (pre-set)

- Scope of delivery: faucet (incl. connection / mounting kits), flex. hoses 3/8", backflow preventer (mixer), power supply

METRIX SCHWANENHALS

Ref. No.	Power Supply	Drawing
199 60 73	9V power adapter (100 -240 V 50 - 60 HZ)	
199 60 70	6 x 1,5V AA batteries	

Hot Water Limit
Locking of mixer handle regulation limits the max. hot water supply!
Limit can be adjusted continuously.

Locked handle

max. hot   max. cold

METRIX THERMOSTAT
Touch free thermostatic electronic tap

FEATURES

- Easy installation
- Activated by infrared sensor
- For cold / hot water
- Lockable thermostatic mixing handle
- Internal solenoid valve

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Water pressure: 0,5 -5,0 bar (7 - 72,5 PSI)
  - Use pressure reducing valve if > 5 bar
  - Max. 2 bar pressure difference between cold / hot water
- Temperature: max 70°C (158 °F)
- Flow rate: 6 l/min
  - Options: 4 l/min (1,0 GPM), 3 l/min (0,8 GPM), 1,89 l/min (0,5 GPM), 1,3 l/min (0,35 GPM)
- Sensor range: 170 mm (pre-set)

- Scope of delivery: faucet (incl. connection / mounting kits), flex. hoses 3/8", backflow preventer (mixer), power supply

METRIX Thermostat		
Ref. No.	**Power Supply**	**Drawing**
199 40 23	9V power adapter (100 -240 V 50 - 60 HZ)	
199 40 00	6 x 1,5V AA batteries	

MED THERMOSTAT
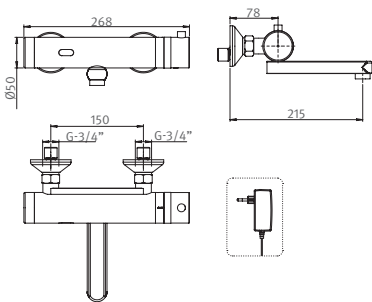Touch free thermostatic electronic tap

FEATURES

- Easy installation
- Activated by infrared sensor
- For cold / hot water
- Thermostatic mixer incl. safety stop at 38°C (lockable)
- Internal solenoid valve

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Water pressure: 0,5 -5,0 bar (7 - 72,5 PSI)
  - Use pressure reducing valve if > 5 bar
  - Max. 2 bar pressure difference between cold / hot water
- Temperature: max 70°C (158 °F)
- Flow rate: 6 l/min
  - Options: 4 l/min (1,0 GPM), 3 l/min (0,8 GPM), 1,89 l/min (0,5 GPM), 1,3 l/min (0,35 GPM)
- Sensor range: 450 mm (pre-set)

- Scope of delivery: faucet (incl. connection / mounting kits), power supply, S-connections incl. wall rosettes

MED THERMOSTAT Mixer		
Ref. No.	**Power Supply**	**Drawing**
199 34 23	9V power adapter (100 -240 V 50 - 60 HZ)	
199 34 00	9V battery (internal)	

LIFE WATER DISPENSER

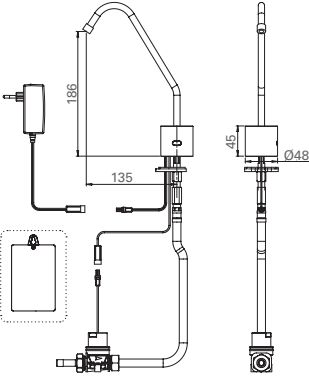Electronic glass or bottle filler activate by IR sensor

FEATURES

- Easy installation
- Activated by infrared sensor
- For cold / premixed water

- Lead free waterways
- (Sensor) settings adjustable by optional control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)

- Scope of delivery: faucet (incl. connection / mounting kits), power supply

METRIX WALL MOUNTED

Touch free electronic wall mounted tap

FEATURES

- Easy wall installation (for brick walls)
- Activated by infrared sensor
- For cold / premixed water
- Dual Power Input Box incl. solenoid valve

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p.64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)
- Flow rate: 6 l/min
  - Options: 4 l/min (1,0 GPM), 3 l/min (0,8 GPM), 1,89 l/min (0,5 GPM), 1,3 l/min (0,35 GPM)
- Sensor range: 120 mm (self-adjusting)

- Scope of delivery: faucet (incl. connection / mounting kits), Dual Power Input Box, Installation set (Corrugated tube with fixation)

LIFE WATER DISPENSER

Model	Ref. No.	Power Supply	Drawing
	199 21 23	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 21 20	6 x 1,5V AA batteries	

Model	Ref. No.	Power Supply	Drawing
METRIX WALL MOUNTED Tap			
	199 20 53	9V power adapter (100 -240 V 50 - 60 HZ) and Dual Power Input Box	
	199 20 50	9V battery and Dual Power Input Box (batterie not included)	
METRIX WALL MOUNTED LONG Tap			
	199 20 63	9V power adapter (100 -240 V 50 - 60 HZ) and Dual Power Input Box	
	199 20 60	9V battery and Dual Power Input Box (batterie not included)	

Metrix Wall mounted and soap dispenser in PVD Antique Bronze finish

FASHION WALL MOUNTED
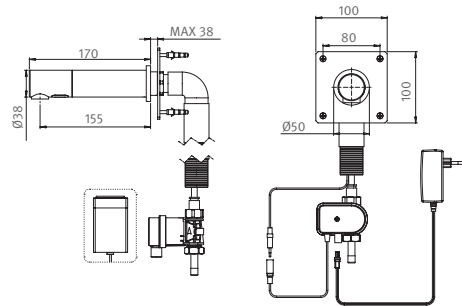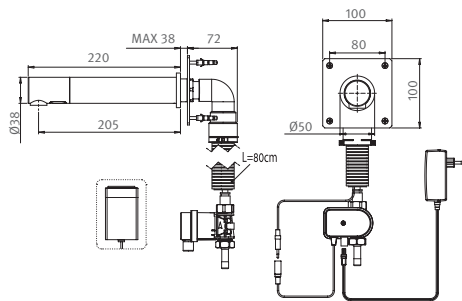
Touch free electronic wall mounted tap
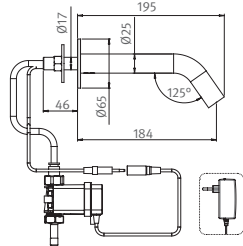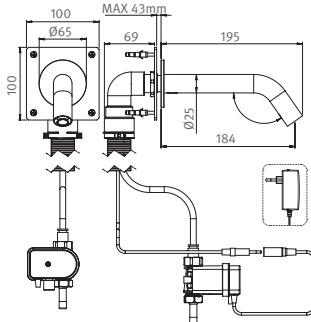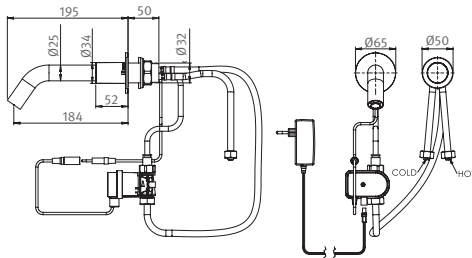
FEATURES

- Easy wall installation (for brick walls)
- Activated by infrared sensor
- For cold / premixed water

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p.64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)
- Flow rate: 6 l/min
  - Options: 4 l/min (1,0 GPM), 3 l/min (0,8 GPM), 1,89 l/min (0,5 GPM), 1,3 l/min (0,35 GPM)
- Sensor range: 120 mm (self-adjusting)

- Scope of delivery: faucet (incl. connection / mounting kits), Dual Power Input Box, Installation set (Corrugated tube with fixation)

Model	Ref. No.	Power Supply	Drawing
	FASHION WALL MOUNTED Tap		
	199 25 30	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 25 33	9V battery	
	FASHION WALL MOUNTED Tap - For brick wall installation		
	199 25 53	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 25 50	9V battery	
	FASHION WALL MOUNTED MIXER Tap		
	199 35 33	9V power adapter (100 -240 V 50 - 60 HZ)	
	199 35 30	9V battery	

SINTRA SOAP DISPENSER
Touch free electronic soap dispenser

FEATURES
- Easy installation
- Activated by infrared sensor in spout
- For nonproprietary liquid soaps
- Incl. 1 Liter soap bottle and fixture (6l tank upon request)
  - Peristaltic pump prevents clogging and backflow

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS
- Soap dosage: 1,2 - 1,6 cc
- Recommended viscosity: 100 - 3800 cP
- Soap priming:
  - By remote control
  - By manual refill button

- Scope of delivery: dispenser (incl. connection / mounting kits), soap tank incl. pump, power supply

SINTRA Soap Dispenser			
Model	**Ref. No.**	**Power Supply**	**Drawing**
	199 12 23	12V power adapter (100 -240 V 50 - 60 HZ)	
	199 12 10	6 x 1,5V D batteries	

METRIX PRIMUS SOAP DISPENSER
Touch free electronic soap dispenser

FEATURES

- Easy installation
- Activated by infrared sensor
- For nonproprietary liquid soaps
- Incl. 1 Liter soap bottle and fixture (6l tank upon request)
  - Peristaltic pump prevents clogging and backflow

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Stainless steel AISI 316

TECHNICAL DETAILS

- Soap dosage: 1,2 - 1,6 cc
- Recommended viscosity: 100 - 3800 cP
- Soap priming:
  - By remote control
  - By manual refill button

- Scope of delivery: dispenser (incl. connection / mounting kits), soap tank incl. pump, power supply

STAINLESS STEEL AISI316

Model	Ref. No.	Power Supply	Drawing
		PRIMUS Soap Dispenser	
	199 18 23	12V power adapter (100 -240 V 50 - 60 HZ)	
	199 18 10	6 x 1,5V AA batteries	
		METRIX PRIMUS TALL Soap Dispenser	
	199 19 23	12V power adapter (100 -240 V 50 - 60 HZ)	
	199 19 20	6 x 1,5V AA batteries	

METRIX SOAP DISPENSER
Touch free electronic soap dispenser

TOP MULTIFEED KIT
Multifeed top filling soap dispenser

FEATURES
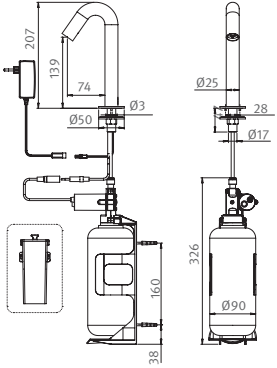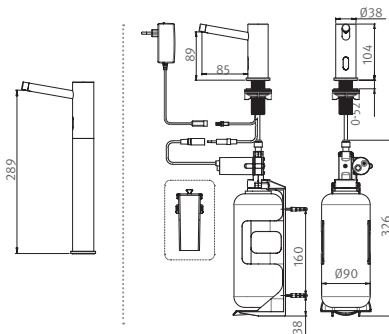- Easy installation
- Activated by infrared sensor
- For nonproprietary liquid soaps
- Incl. 1 Liter soap bottle and fixture (6l tank upon request)
  - Peristaltic pump prevents clogging and backflow

- Prevents cross contamination
- (Sensor) settings adjustable by optional
  remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS
- Soap dosage: 1,2 - 1,6 cc
- Recommended viscosity: 100 - 3800 cP
- Soap priming:
  - By remote control
  - By manual refill button

- Scope of delivery: dispenser (incl. connection / mounting kits),
  soap tank incl. pump, power supply
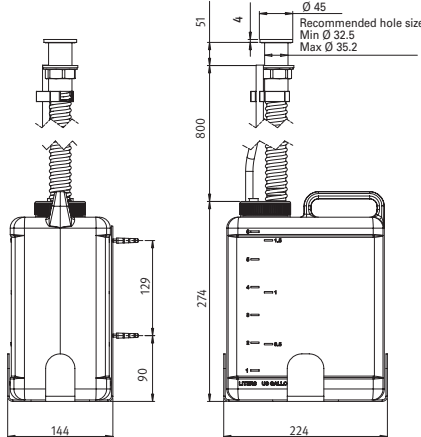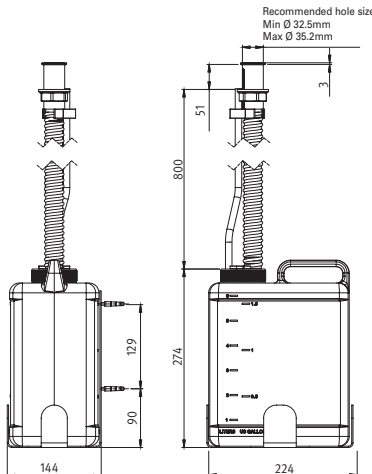
FEATURES
- For up to 6 soap dispensers
- 6 Liter (1,6 gallon) tank incl. fixture and refill-hose
- Chrome plated top-filling mechanism incl. lockable cover
- For nonproprietary liquid soaps

- Prevents cross contamination

- Suitable for all electronic Benksier soap dispensers

TECHNICAL DETAILS
- LED soap level indicator
  - Green: full
  - Orange: low
  - Red: empty

- cope of delivery: soap tank, filling mechanism, refill-hose, fixture,
  mounting kits

CHROME PLATED FULL BRASS
LOCKABLE COVER

OPTIONAL: DOT ILLUMINATION
FOR SOAP LEVEL INDICATION

Green: enough soap in tank
Orange: low soap level
Red: empty tank

PS TOUCH-FREE
SOAP DISPENSER

PERISTALTIC PUMP
(PART OF THE PS SOAP DISPENSER)

CHROME-PLATED FULL BRASS
TOP-FILLING MECHANISM

BREATHE PIPE

POWER SPLITTER
SOAP AND WATER

FLEXIBLE INTAKE PIPE

SOAP COVER FOR UP TO 6 PIPES

12V TRANSFORMER

6 L (1.6 GALLON) SOAP TANK WITH
STAINLESS STEEL SUPPORT

METRIX Soap Dispenser

Model	Ref. No.	Power Supply	Drawing
	199 10 23	12V power adapter (100 -240 V 50 - 60 HZ)	
	199 10 10	6 x 1,5V D batteries	

Model	Ref. No.	Description	Drawing / Abbildung
PROFESSIONAL SYSTEM Allows multiple soap dispensers installation (up to six (6) dispensers) with a single 1.6 US gallon (6L) tank. Vandal-resistant Chrome plated top-filling brass mechanism. Stainless steel tank support. Soap filling directly to the soap tank.	019 91 04		
PROFESSIONAL TOP FILL SYSTEM Allows multiple soap dispensers installation (up to six (6) dispensers) with a single 1.6 US gallon (6L) tank. Top-Filling professional Kit Vandal-resistant chrome plated top-filling brass mechanism. Available for transformer powered PS soap dispensers. Stainless steel tank support soap filling is done from the top.	019 91 05		
MULTIFEED SYSTEM Top-Filling professional Kit with Soap Level Indicator Vandal-resistant chrome-plated top-filling brass mechanism. LED soap level indicator. Power splitter for connection to transformer powered PS soap dispenser. Stainless steel tank support.	019 91 06		

METRIX WALL MOUNTED SOAP DISPENSER
Touch free wall mounted electronic soap dispenser

FEATURES

- Easy wall installation (for brick walls)
- Activated by infrared sensor
- For nonproprietary liquid soaps
- Incl. 1 Liter soap bottle and fixture (6l tank upon request)
  - Peristaltic pump prevents clogging and backflow

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
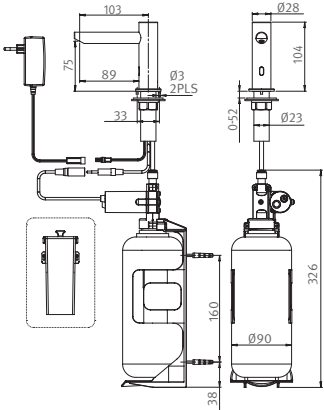- Solid brass body, chrome finish

TECHNICAL DETAILS

- Soap dosage: 1,2 - 1,6 cc
- Recommended viscosity: 100 - 3800 cP
- Soap priming:
  - By remote control
  - By manual refill button

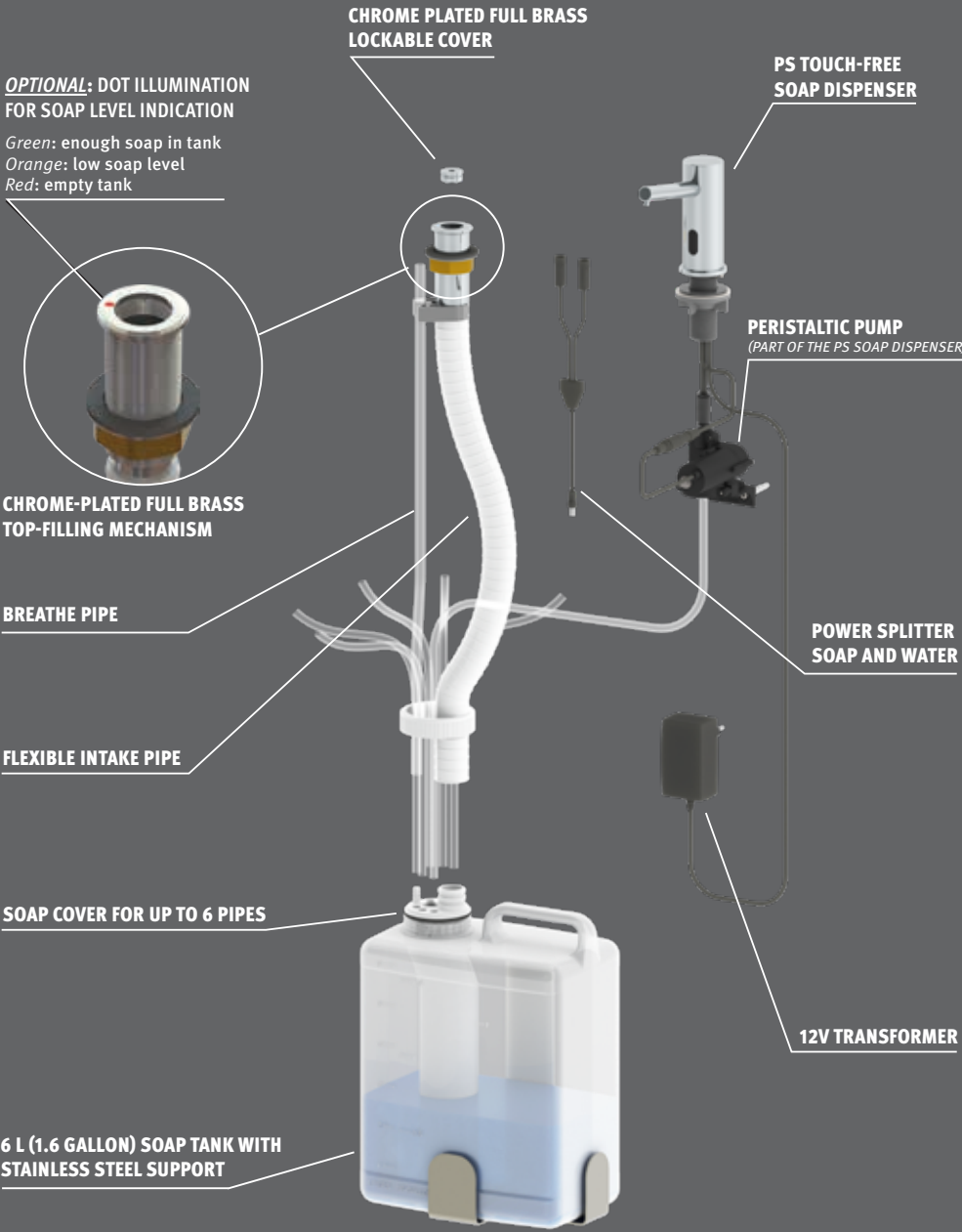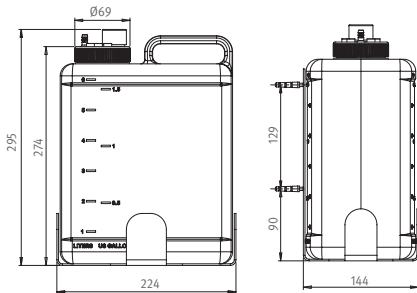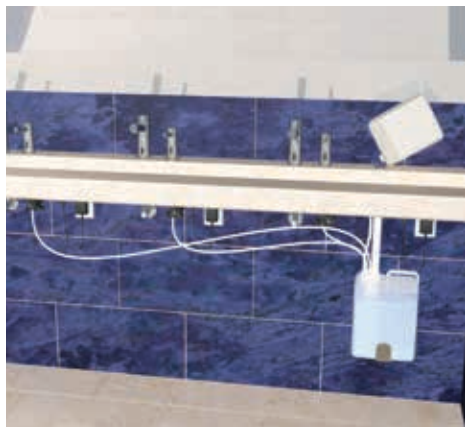- Scope of delivery: dispenser (incl. connection / mounting kits), soap tank incl. pump, power supply, installation set incl. corrugated tube and fixation

METRIX WALL MOUNTED Soap Dispenser

Model	Ref. No.	Power Supply	Drawing
	199 15 23	12V power adapter (100 -240 V 50 - 60 HZ)	
	199 15 10	6 x 1,5V D batteries	

FASHION WALL MOUNTED SOAP DISPENSER
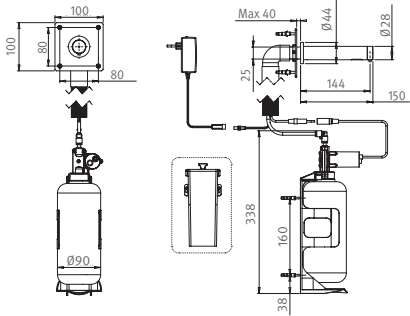
Touch free wall mounted electronic soap dispenser

FEATURES

- Easy installation
- Activated by infrared sensor
- For nonproprietary liquid soaps
- Incl. 1 Liter soap bottle and fixture
  - peristaltic pump prevent clogging and backflow

- Prevents cross contamination
- (Sensor) settings adjustable by
  remote control (p. 64)
- Solid brass body, chrome finish (other finishes available)

TECHNICAL DETAILS

- Soap dosage: 1,2 - 1,6 cc
- Recommended viscosity: 100 - 38 cP
- Soap priming:
  - by remote control
  - by manual refill button

- Scope of delivery: dispenser (incl. connection / mounting kits),
  soap tank, power supply

FASHION WALL MOUNTED Soap Dispenser

Model	Ref. No.	Power Supply	Drawing
	199 17 33	12V power adapter (100 -240 V 50 - 60 HZ)	
	199 17 30	6 x 1,5V D batteries	

PROPRIETARY SOAP ADAPTOR KITS

Just choose the adaptor that fits your soap container and fit it to the opening of your choice of soap container. Insert the pipe into the hole in the cap, attach the quick connector to the pipe, and voilà! Your Stern soap dispenser is ready to use your selected soap.

Small: 30mm-38mm   *Big: 45mm-59mm*

Kit contains:

Adaptor

Quick connector

2-3 way Quick connector (Optional)

Pipe cutter

Pipe x 1
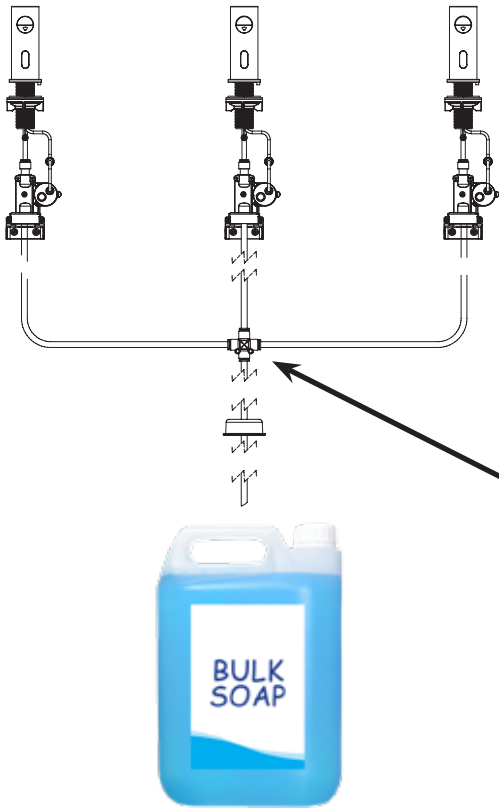
Option to connect up to 3 soap dispensers

METRIX TOPILL

Touch free electronic soap dispenser

SMARTBOX 2LE

Touch free soap dispenser for wall mounted installations

FEATURES
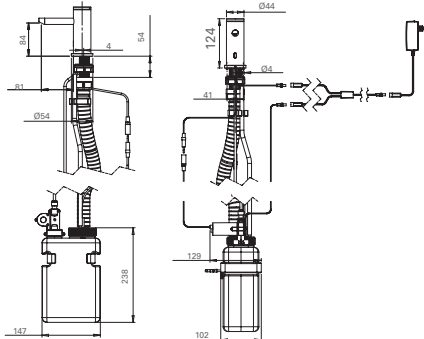
- Easy installation
- Top filling mechanism incl. LED soap level indicator
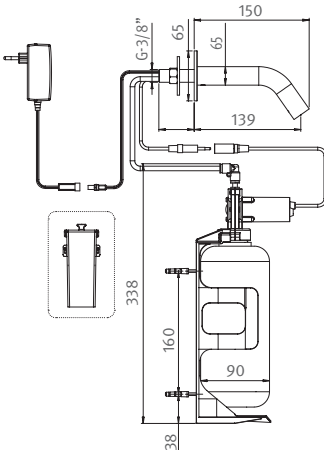- Activated by infrared sensor
- For nonproprietary liquid soaps
- Incl. 2 Liter soap bottle and fixture
  - Peristaltic pump prevents clogging and backflow

- Prevents cross contamination
- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Soap dosage: 1,2 - 1,6 cc
- Recommended viscosity: 100 - 38 cP
- Soap priming:
  - By remote control
  - By manual refill button

- Scope of delivery: dispenser (incl. connection / mounting kits), soap tank incl. pump, power supply, Y-adapter

FEATURES

- Easy installation
- Activated by infrared sensor
- For nonproprietary liquid soaps

- Prevents cross contamination
- (Sensor) settings adjustable by remote control (p. 64)
- AISI316 Stainless Steel frame 1 mm thick

- High capacity 2 liters soap to minimize refill
- Cylinder lock with Benkiser standard key

TECHNICAL DETAILS

- Soap dosage: 1,2 - 1,6 cc
- Recommended viscosity: 100 - 38 cP
- Soap priming by remote control

SOAP TANK IS EMPTY
RED LIGHT

SOAP REACHED MAXIMUM LEVEL
BLINKING LIGHT

ENOUGH SOAP IN TANK
GREEN LIGHT

METRIX TOPFILL Soap Dispenser

Model	Ref. No.	Power Supply	Drawing
	199 10 53	12V power adapter (100 -240 V 50 - 60 HZ)	

SMARTBOX 2LE

Model	Ref. No.	Power Supply	Drawing
	100 25 99	12V power adapter (100 -240 V 50 - 60 HZ)	

METRIX WALL MOUNT TRIO
Iron mounting frame set with washbasin

FEATURES

- 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 0-200 mm
- Powder coated, blue color.
- Retractable leg supports to -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 40/40 mm.
- Frame height from 1140 mm to 1340 mm.
- Modular. Option to order with soap dispenser, tap or hand dryer only or any combination.

METRIX WALLMOUNT TRIO

Ref. No.	Power Supply	Drawing
199 20 90 - B	12V power adapter (100 -240 V 50 - 60 HZ)	

METRIX HAND DRYER
Touch free electronic hand dryer

FEATURES

- Easy installation
- Activated by infrared sensor
- Air stream adjustable at motor

- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Motor thermal protection: auto shut off 120V at 125°C (257°F), 240V at 95°C (203°F)
- Heater thermal protection: auto shut off at 85°C (185°F)
  - Thermal fuse cuts unit at 142°C (288°F)
- 60 seconds auto shut off
- Sensor range: 170 mm (+/- 20 mm)
- Drip proof IP21

- Scope of delivery: hand dryer (incl. connection / mounting kits), motor, power supply

Model	Ref. No.	Power Supply	Drawing
METRIX Hand Dryer			
	199 02 01	110V-120/220V-240VAC, 50/60 HZ, 0.84-1.0KW 240 V 50/60 HZ Standby: 0,3 - 0,4W	
METRIX Hand Dryer			
	199 02 02	110V-120/220V-240VAC, 50/60 HZ, 0.84-1.0KW 240 V 50/60 HZ Standby: 0,3 - 0,4W	
	199 02 03	110V-120/220V-240VAC, 50/60 HZ, 0.84-1.0KW 240 V 50/60 HZ Standby: 0,3 - 0,4W	

SENSOR WASCHSTATION
Complete sanitary cabinet with lockable mirror

FEATURES

- Easy installation
- Activated by infrared sensor
- Incl. touch free faucet, soap dispenser, high speed hand dryer, LED pictograms
- For cold / hot water
- For nonproprietary liquid soaps

- (Sensor) settings adjustable by optional remote control (p. 64)
- Other finishes available

TECHNICAL DETAILS

Tap

- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)
- Sensor range: 30 - 200 mm (170 mm pre-set)

Soap Dispenser

- Incl. 6 Liter soap tank (peristaltic pump prevents clogging and backflow)
- Soap dosage: 1,4 cc
- Recommended viscosity: 100 - 38 cP
- Sensor range: 30 - 200 mm (150 mm pre-set)

Hand Dryer

- Drying time: < 15 sec.
- Output air volume: 71 - 102 m3/h (42 - 60 CFM)
- Output air speed: 164 km/h (102 mph) - 252 km/h (157 mph)
- Output air temp.: 55°C (131°F) at ambient temp. of 25°C (77°F)
- Sensor range: 152 mm (+/- 20 mm)

Ref. No.	Power Supply	Drawing
	Tap and Soap Dispenser	
199 01 01	12V power adapter (100 -240 V 50 - 60 HZ)	
	Hand Dryer	
	220/110VAC. 50/60 HZ, 1,0 kW Standby: < 0,5W	

199 01 02 **SWAR** 12V transformer

239 250 151

800
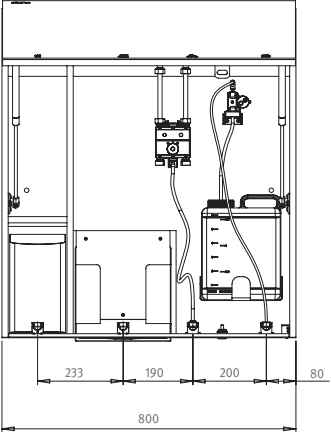
199 01 03 **SWAR P**12V transformer

233 190 200 80

800
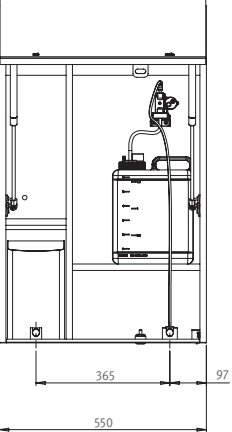
199 01 04 **SA MODULE** 12V transformer

365 97

550

SENSOR WASCHSTATION TV
Complete sanitary cabinet with lockable mirror

RECESSED MOUNTING DUO
Touchless soap dispenser and tap for recessed mounting behind the mirror or panel

FEATURES
- Easy installation
- Activated by infrared sensor
- Incl. touch free faucet, soap dispenser, high speed hand dryer, LED pictograms
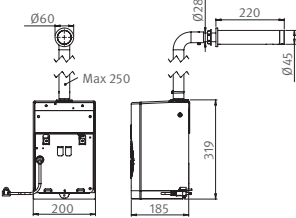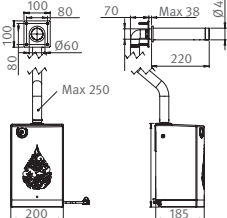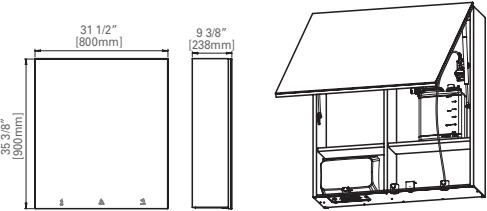- For cold / hot water
- For nonproprietary liquid soaps

- (Sensor) settings adjustable by optional remote control (p. 64)
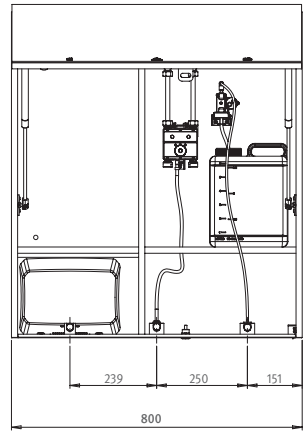- Other finishes available

TECHNICAL DETAILS

Tap
- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)
- Sensor range: 30 - 200 mm (170 mm pre-set)

Soap Dispenser
- Incl. 6 Liter soap tank (peristaltic pump prevents clogging and backflow)
- Soap dosage: 1,4 cc
- Recommended viscosity: 100 - 38 cP
- Sensor range: 30 - 200 mm (150 mm pre-set)

Hand Dryer
- Drying time: < 15 sec.
- Output air volume: 71 - 102 m3/h (42 - 60 CFM)
- Output air speed: 164 km/h (102 mph) - 252 km/h (157 mph)
- Output air temp.: 55°C (131°F) at ambient temp. of 25°C (77°F)
- Sensor range: 152 mm (+/- 20 mm)

TV FEATURES
- Android 24" display on the mirror icons to indicate soap water air
- Remote connection via Wi-Fi and/or Bluetooth
- HDMI/USB/Audio connections available
- Ready for a dashboard to coordinate all screens for multiple units, managed by a third party
- Screen completely vanishes when turned off
- Energy efficient, low standby power, brings down consumption while in standby mode
- Screen settings are adjusted via the on screen display. Sound option to be connected using speaker cables

FEATURES
- Easy installation
- Activated by infrared sensor
- Incl. touch free faucet, soap dispenser
- For cold / premixed water
- For nonproprietary liquid soaps

- (Sensor) settings adjustable by optional remote control (p. 64)

TECHNICAL DETAILS

Faucet
- Water pressure: 0,5 -8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Temperature: max 70°C (158 °F)

Soap Dispenser
- Incl. 2 Liter soap tank (peristaltic pump prevents clogging and backflow)
- Soap dosage: 0.7 to 0.9 cc
- Recommended viscosity: 100 - 38 cP
- Sensor range: 30 - 200 mm (150 mm pre-set)

| Ref. No.	Power Supply	Drawing
199 01 01-TV	**Tap and Soap Dispenser** 12V power adapter (100 -240 V 50 - 60 HZ) **Hand Dryer** 220/110VAC. 50/60 HZ, 1,0 kW Standby: < 0,5W **TV** 12V power adapter (100 -240 V 50 - 60 HZ)	

Ref. No.	Power Supply	Drawing
199 25 93	12V power adapter (100 -240 V 50 - 60 HZ)	

SWA HI-SPEED MODULE

Complete system including high speed hand dryer, thermostatic mixing valve, touch free tap, 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 to prevent cross contamination
- Reduces water and soap consumption
- To be used with non-proprietary soap
- Drying time: less than 15 seconds

199 01 90 12V transformer
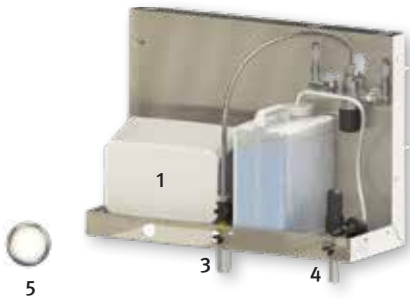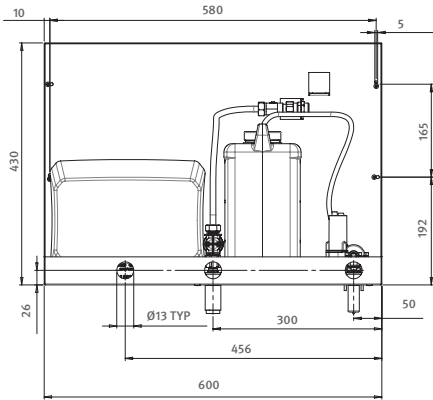
Complete system including high speed hand dryer (1), thermostatic mixing valve (2), touch free tap (3) liquid soap dispenser (4) and optional lamp soap level indicator (5)
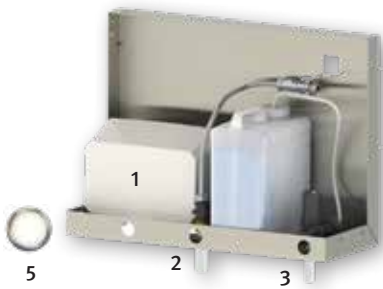
Modular system including high speed hand dryer (1), touch free tap (2) and liquid soap dispenser (3) and optional lamp soap level indicator (5)

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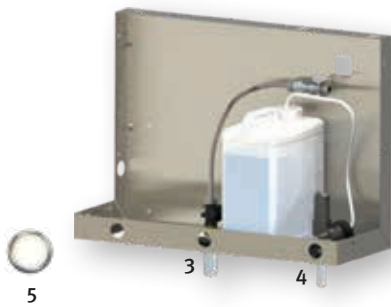
Modular system including touch free tap (3) and liquid soap dispenser (4) and optional lamp soap level indicator (5)
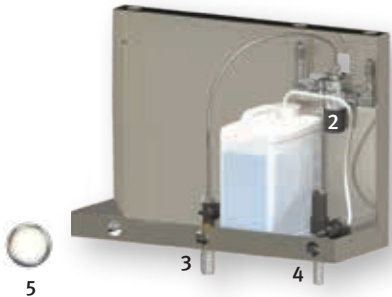
Modular system including thermostatic mixing valve (2), touch free tap (3) and liquid soap dispenser (4) and optional lamp soap level indicator (5)

BTM TAP

Electronic wall mounted tap 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 (p. 64)
- Easy installation behind the mirror
- Matching IR operated soap dispenser

Model	Ref. No.	Power Supply	Drawing
	199 02 53	12V power adapter (100 -240 V 50 - 60 HZ)	
	199 02 50	6 x 1,5V D batteries	

BTM PAPER TOWEL HOLDER

- 316 Stainless steel
- For integration behind the mirror as part of the SWA electronic wall mounted system
- Easy installation
- Saves space and functional solution that accommodates standard paper towels from your favorite brands (paper towels not included)
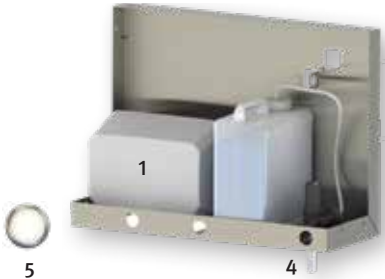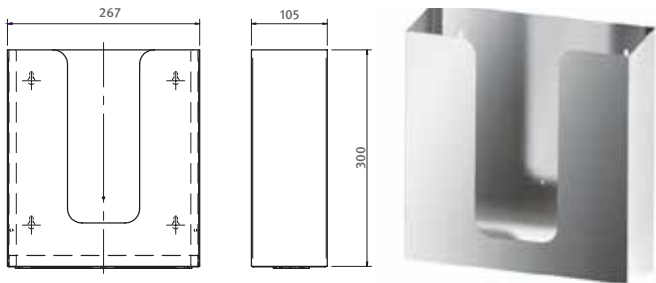
033 00 148 PAPER TOWEL HOLDER

BTM SOAP DISPENSER

Electronic wall mounted 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
- To be used with non-proprietary soap for maximum savings
- Easy to install and refill
- Matching IR operated tap

Model	Ref. No.	Power Supply	Drawing
	BTM Soap Dispenser		
	199 01 53	12V power adapter (100 -240 V 50 - 60 HZ)	
	199 01 50	6 x 1,5V D batteries	
	BTM concealed		
	199 01 93	12V power adapter (100 -240 V 50 - 60 HZ)	
	199 01 90	6 x 1,5V D batteries	

Flush Valves

FERTIG SET SENSOR II
Touch free electronic urinal flush valve

FEATURES

- Easy installation (concealed)
- Activated by infrared sensor
- Shut-off valve / filter included in installation set (300 55 00)

- (Sensor) settings adjustable by optional remote control (p. 64)
- AISI 316 stainless steel cover plate
- Incl. mounting frame with accessories

TECHNICAL DETAILS

- Water pressure: 0,5 - 8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Flush time: 6 sec. (adjustable 3 - 20 sec.)
- Flush rate: 1,89 l per flush (0,5 GPF)
  - Eco-option: 1 l

- Scope of delivery: valve (incl. connection / mounting kits), cover plate, power supply

Stainless Steel AISI316 Ref. No. 333 10 13 Ref. No. 333 10 10	Chrome Ref. No. 333 10 13 - F01 Ref. No. 333 10 10 - F01	Black Ref. No. 333 10 13 - F02 Ref. No. 333 10 10 - F02	White Ref. No. 333 10 13 - F03 Ref. No. 333 10 10 - F03
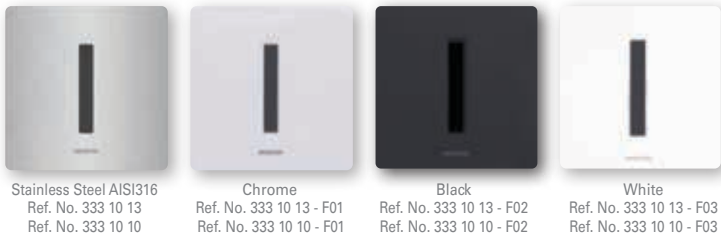
Ref. No.	Description	Drawing
300 55 50	Frame Element „300" for front wall installation	
333 10 13	without installation set 9V power adapter (100 -240 V 50 - 60 HZ)	
333 10 10	without installation set 9V battery	
300 55 00	Universal Installation Set: concealed electronic flushing systems (Ref. 333...) / push button operated (Ref. 606...)	
333 15 13	mounted in installation set 9V battery	
333 15 10	mounted in installation set 9V power adapter (100 -240 V 50 - 60 HZ)	

ELECTRONIK URINAL
Touch free electronic urinal flush valve

FEATURES
- Easy installation (exposed)
- Activated by infrared sensor
- Low battery indicator
- Pre-flush upon request

- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS
- Water pressure: 0,5 - 8,0 bar (7 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Flush rate: 1,89 l per flush (0,5 GPF)
- Hygiene flush 24h after last use, adjustable

- Scope of delivery: valve (incl. connection / mounting kits, stop valve, filters, flush pipe), battery

Ref. No.	Power Supply	Drawing
699 30 00	9V battery	

ALFARO RETROFIT KIT
Touch free electronic urinal flush valve

Upgrade your urinal flush valve to touchless for improved hygiene and water efficiency.

Our robust retrofit kit is the ultimate easy-to-install solution to convert a manual flush valve into touchless sensor operated urinal control.
In a few minutes you can provide and extra layer of protection from disease-causing bacteria.

Matches manual flush valve of 60.5mm diameter and M55X1.5 thread.

Ref. No.	Power Supply	Drawing
069 33 00	9V battery	Ø67 / 90

SENSOR WC
Electronic WC flush valve with mounting frame

FEATURES
- Easy installation (concealed)
- Activated by infrared sensor (manual flush possible)
- Automatic main flush operation / flow regulator

- (Sensor) settings adjustable by optional remote control (p. 64)
- Incl. mounting frame with accessories

TECHNICAL DETAILS
- Water pressure: 1,0 - 8,0 bar (14,5 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Flush rate: 6 l per flush (1,58 GPF)
- Sensor range: 700 mm (+/- 50 mm) / 27,56'' (+/- 1,97'')
- Frame height: 1140 - 1340 mm
- Hygiene flush 24h after last use, adjustable

- Scope of delivery: flush valve (incl. galvanized steel frame, connection / mounting kits), stainless steel cover plate, power supply

Ref. No.	Power Supply	Drawing
899 50 23	9V power adapter (100 - 240 V 50 - 60 HZ)	470 / 180 / 220 / 485 / 1126 / 1140
899 50 00	6 x 1,5V AA batteries	180 / ±20-200 / 190 / 315 / 230 / 440 / 280
088 08 93	9V power adapter (100 - 240 V 50 - 60 HZ)	220 / 180
088 08 99	6 x 1,5V AA batteries	200 / 90 / Min 20

VENUS COMFORT 2032 DF

Concealed electronic self closing flush valve for toilet operated by piezo touch button

FEATURES

- Easy installation (concealed)
- Activated by two piezo switches integrated in the stainless steel panel for dual flush operation.
- Delivers a full flush of 6 liters and a reduced flush of 3 liters with an optional 24-hour hygiene flush.

TECHNICAL DETAILS

- Water pressure: 1,0 - 8,0 bar (14,5 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Flow Dual flush: 3 LPF half flush / 0.8 GPF
  6 LPF full flush / 1.58 GPF
- ECO - Water saving option 4.5 LPF full flush / 1.18 GPF - available upon request

Ref. No.	Power Supply	Drawing
088 08 53	9V power adapter (100 - 240 V 50 - 60 HZ)	
088 08 50	9V battery	

PERFECT TIME 2032

Concealed electronic self closing flush valve for toilet operated by piezo touch button

FEATURES

- Easy installation (concealed)
- Activated by piezo switches integrated in the panel
- Flushing duration can be changed on site according to the specific site requirements.

TECHNICAL DETAILS

- Water pressure: 1,0 - 8,0 bar (14,5 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Flow Dual flush: 3 LPF half flush / 0.8 GPF
  6 LPF full flush / 1.58 GPF
- ECO - Water saving option 4.5 LPF full flush / 1.18 GPF - available upon request

Ref. No.	Power Supply	Drawing
088 08 20	9V battery	

TWINMAT ELECTRONIK WC

Touch free electronic WC flush valve

FEATURES

- Easy installation (exposed)
- Activated by infrared sensor (manual flush possible)
- Automatic main flush operation / flow regulator
- High pressure vacuum breaker
- Adjustable side inlet

- (Sensor) settings adjustable by optional remote control (p. 64)
- Solid brass body, chrome finish

TECHNICAL DETAILS

- Water pressure: 1,0 - 8,0 bar (14,5 - 116 PSI)
  - Use pressure reducing valve if > 8 bar
- Flush rate: 6 l per flush (1,58 GPF)
- Sensor range: 700 mm (pre-set)
- Hygiene flush 24h after last use, adjustable

- Scope of delivery: valve (incl. connection / mounting kits, shut-off valve, filters), power supply

Ref. No.	Power Supply	Drawing
899 33 00	9V battery	

PROX, WAVE & TOUCH SOLUTIONS

Touch free & Touch operated flush valve for toilet kits
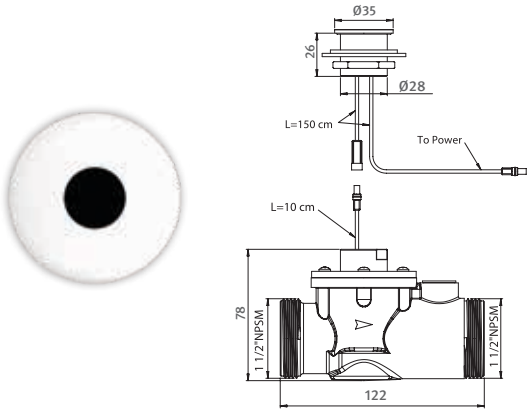
PROX / WAVE KIT FOR TOILETS

Suitable for duct concealed installations (plaster walls)
Available with detachable body

Touch free Operation

Allows automatic activation when the users have left the toilet.

- 899 90 00   PROX KIT FOR TOILETS,
  9V Transformer / 9V battery (not included)

- 899 80 00   WAVE ON/OFF SENSOR KIT FOR TOILET,
  9V Transformer / 9V battery (not included)
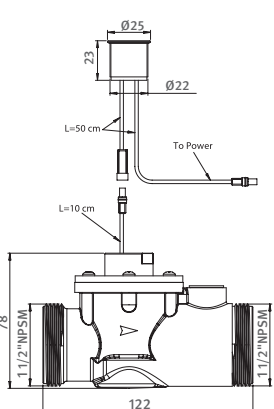
APS KIT FOR TOILETS

Suitable for duct concealed installations (plaster walls)

Touch Operation

Allows activation of the toilet once the users touch the designated area in the Piezo button.

- 088 90 00 APS KIT FOR TOILETS,
  9V Transformer / 9V battery (not included)

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.

REMOTE CONTROL WITH 13 KEYS

Allows the adjustment of sensor settings for all electronic Benkiser products.

DETECTION RANGE

DELAY IN TIME

SECURITY TIME

COMFORT FLUSH

SHORT FLOW TIME

FLOW TIME

DELAY OUT TIME

TEMPORARY OFF FUNCTION

SELF ADJUSTMENT MODE

RESET

HYGIENE FLUSH

100 25 97

THERMOSTATIC MIXING VALVE

FEATURES & TECHNICAL DETAILS

- Easy installation
  - Connection-set not included
  - Full metall body
- Water pressure: 1,0 - 5,0 bar
- Flow rate: 25 l/min
- Temperature range: 30 - 70°C
  - 38°C pre-set
- Max. temperature: 80°C
  - Thermal disinfection acc. DVGW W551
- Flat-sealing connections

- Approval-No. P-IX 29654/IA
- DVGW Reg.Nr. NW-6509CU0437

- Scope of delivery: mixer (incl. backflow preventer and protective strainers), mounting kit

SOAP & WATER REMOTE CONTROL

Allows the adjustment of sensor settings for all electronic Benkiser Taps and soap dispensers.

DETECTION RANGE

SOAP QUANTITY

PRIME THE TANK

SELF ADJUSTMENT MODE

TEMPORARY OFF FUNCTION

AIR QUANTITY

RESET

SOAP DOSAGE

100 25 99

Ref. No.	Power Supply	Drawing
351 50 50	TMV	

LIQUID SOAP DISPENSERS REMOTE CONTROL

Allows the adjustment of sensor settings for all electronic Benkiser soap dispensers.

SOAP DOSAGE

PRIME THE TANK

TEMPORARY OFF FUNCTION

SELF ADJUSTMENT MODE

100 25 98

Ref No. 351 00 60 B

Connection-Set (for Pre-Mixing Unit 3/8" with Thermostat)
consisting of Flexible Hose 3/8" x 300 mm (DVGW, KTW A W270), 90° Brass Arch and C.P. Brass T-Piece 3/8"

BENKISER premixer for direct mounting on the angle valve including BENKISER Connection set

BENKISER
ERFINDER SEIT 1909

Gio

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