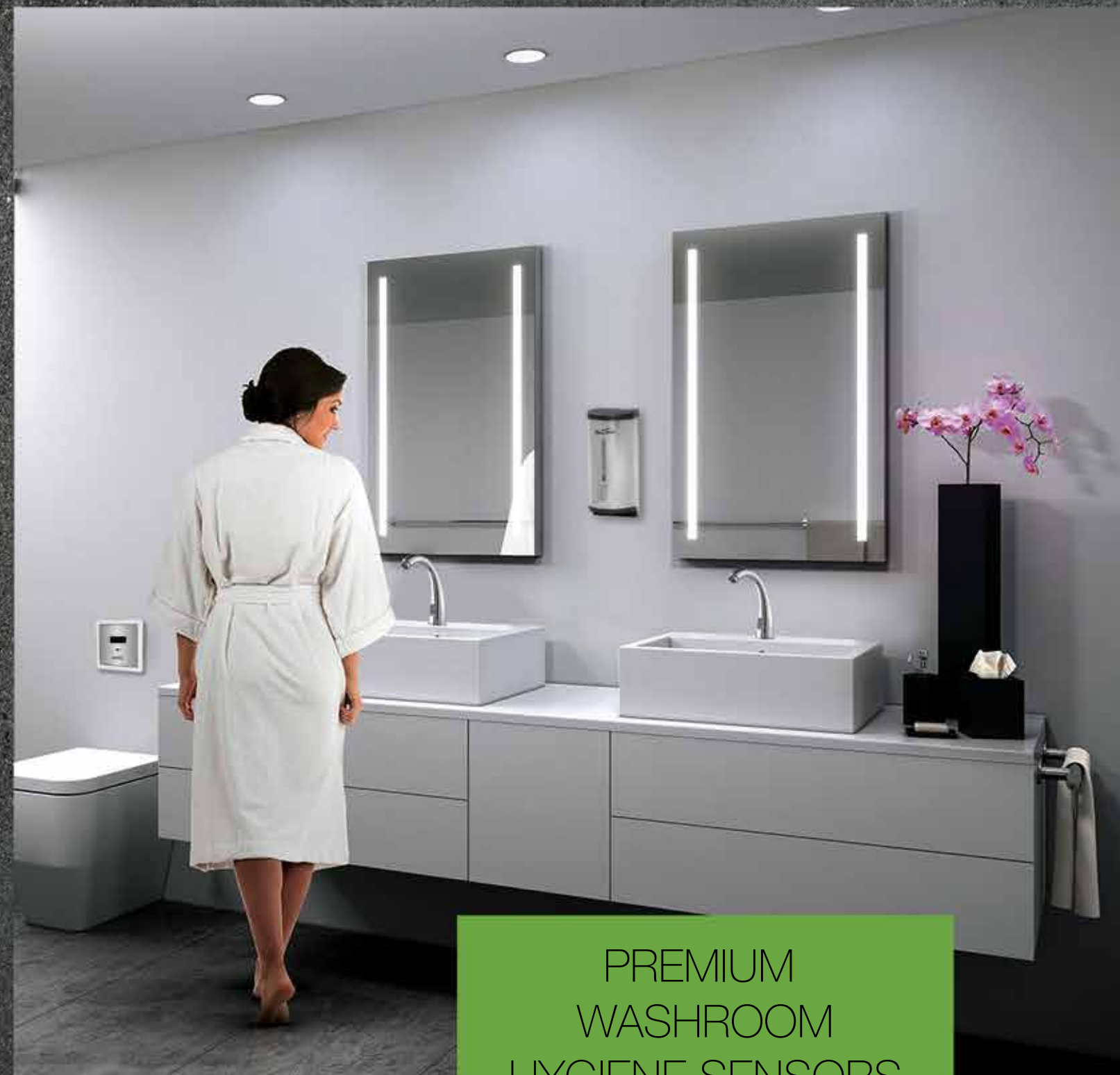


Water is Precious, Hygiene is Prime
Care for Water, Care for Yourself



PREMIUM
WASHROOM
HYGIENE SENSORS
& ACCESSORIES



To achieve professional excellence through more than 30 years of expertise in designing & manufacturing superior quality products for washroom hygiene & industrial applications..... thus, serving the nation with our technically supervised state of the art world class products

WHO WE ARE

BPE Innovations Private Limited is a leading and one of the oldest company manufacturing automation products in India since 1983. We specialize in Sensor based automation products for Industries and Washroom Hygiene. Our foremost concerns have always been on quality and superior customer service. Having a technical background clubbed with experience & expertise in our field enable us to score an edge over others in the industry.

We are especially designing and manufacturing tougher products that last long and are easier to repair unlike use & throw imported ones which are marketed extensively in India by big brands. We are committed to serve our country with easily repairable lifetime product with no need to replace entire system in life.

We also manufacture custom sensor based products according to the customer requirements.

We have an exorbitant range of Washroom Hygiene Accessories under the brand 'Bharat Photon' which is globally manufactured under technical supervision from BPE

Our products are regarded worldwide and acclimatize very easily to robust conditions like in India where brands who are marketing imported sensors fail miserably due to lack of customer service, non-availability of spares and non-adaptability of imported sensors in highly adverse domestic conditions like climate, humidity and poor water quality.

INFRASTRUCTURE



THE JOURNEY OF BHARAT PHOTON

- 1983 - Established the firm 'Bharat Photon Electronics' in Kotdwar, Uttarakhand for manufacturing of Photo Electric Sensors & Light Dependent Resistors, 1st company in India to do so
- 1987 - Moved to New Delhi, the capital with a vision to distribute our products pan India
- 1991 - Developed hi tech range of Photo Electric Sensors for rapidly growing Industrial Automation Sector
- 1997 - Introduced new range of 'Washroom Hygiene Sensors' with a vision to promote Hygiene & reduce Water Wastage in modern Indian Washrooms
- 2004 - Became the first Indian manufacturer to catalog highest range of products in Industrial Automation & Washroom Automation Sectors
- 2007 - Introduced BPE Automatic Sliding Door System for Entrance Automation Sector
- 2009 - Launched new range of 'Battery Operated Washroom Sensors' which were specially designed and manufactured in India to suit robust Indian conditions, unlike their imported counterparts which were failing miserably in India
- 2011 - Opening of 1st branch office in Jaipur, Rajasthan, first feather to our cap
- 2013 - Launched new range of 'Washroom Hygiene Accessories' under the brand 'Bharat Photon' developed in partner ship with Global Manufacturer Companies under technical supervision by BPE
- 2014 - Started to export our world class products, the first lot to Middle-east.....
- 2016 - Become No.1 manufacturer in India for Washroom Hygiene Sensors and only brand representing India on global platform for Automatic Sensor Flushers & Automatic Sensor Faucets by exporting our world class products across the globe.

We are proud to say, 'Others import, We export'
- 2017 - Inaugurated new production unit in Ghaziabad, a state of the art facility having production capacity of 10,000 units per month. Bharat Photon Electronics is now known as 'BPE Innovations Private Limited'
- 2018 - Launched new range of Automatic Urinal Flushers proud to be developed in India and are far ahead from competition in terms of looks, design and features

Countless innovations still to be done and lots of benchmarks more to achieve...

.....just the beginning, way to go ahead

THE ROLES WE HAVE PLAYED

- India's No.1 manufacturing brand and exporter for Automatic Sensor Flushers, Automatic Sensor Faucets and other Hygiene Products.
- Our aesthetically designed premium range of 'Washroom Hygiene Sensors & Accessories' brought under the brand 'Bharat Photon' earning a mark of excellence in the industry
- An Original Equipment Manufacturer (O/E/M) to leading brands in the industry serving with our superior technology, stringent quality & unmatched service
- A Design house for custom designing of products that not only suits customers's application, but also offer them technologically advanced option in highly cost effective manner
- A brand 'BPE' that's been a synonym for trust amongst the segment leaders over the years whether they be Architects, Consultants, Distributors, Dealers, Construction Companies or MEP Contractors for private as well as Govt. sectors
- An highly professional Service Partner to major corporates for their maintenance needs possible with the help of our highly experienced technical team that's ever ready to assist
- Our undying thrust to serve the nation with our world class products has made us stand tall with our presence felt in reputed commercial establishments like Global Corporates, Retail Shopping Malls, Hospitality Sector, Institutional Sector, Airports & Hospitals etc.
- An Industrial Automation Products Manufacturer making machines 'sense' & thus spell safety and process automation with our highly robust Photo Electric Sensors

thus feel proud that with our range of 150+ products in different segments, we are able to contribute a little in clean & hygienic washroom spaces with no water wastage, hence conforming to Global environmental initiatives for green buildings, clubbed with our convenience & safety products for other sectors

CONTENTS

SENSOR FLUSHERS



6

SENSOR FAUCETS



16

HAND DRYERS & BODY HAIR DRYER



22

HYGIENE TAPS



28

SOAP DISPENSERS & FOAM DISPENSERS



30

FRAGRANCE DISPENSERS & HAND SANITIZERS



34

TISSUE PAPER DISPENSERS & TOILET ROLL DISPENSERS



36

MULTIFUNCTIONAL RECESS PANELS



38

WASTE RECEPTACLES & BABY CHANGING TABLE



40

GRAB BARS & SHOE SHINER MACHINE



42

SCRUB STATION SINKS & PANELS



44

AUTOMATIC WATER LEVEL CONTROLLERS



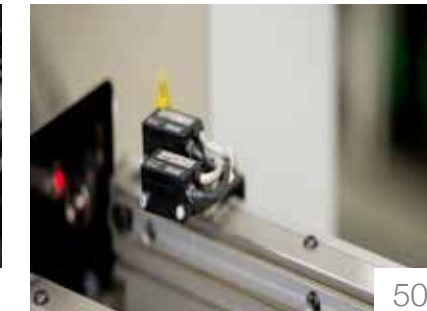
46

ENERGY SAVING DEVICES



48

PHOTO ELECTRIC SENSORS



50

AUTOMATIC SLIDING DOOR SYSTEM



52



AUTOMATIC SENSOR FLUSHERS FOR URINALS / WC

- Designed and manufactured in India to automatically flush urinal pots/ closets after every use
- An essential & dependable component in every washroom to maintain proper hygiene
- Simultaneously instrumental to help reduce water wastage
- Intelligent flushing ensures your washroom remains stink free
- Recovers its cost by saving significant amount of water as compared to washrooms with continuously running flushing
- Tried and tested easily serviceable & lifetime repairable product, very adaptive to robust Indian conditions
- India's No.1 self manufactured product - a strong reply to use & throw 'locally branded imported models' marketed widely in India
- Essential for Green Buildings and must for every public washroom
- Reduces Carbon Footprint & saves considerable amount of Operational Costs as compared to conventional flushing techniques

BATTERY OPERATED **RECESSED** URINAL FLUSHERS

(CONCEALED URINAL SENSORS)

Installed with concealed box grouted inside the wall before tiling or finishing is done. Only front sensor plate is visible at the level of wall tiles

UNIQUE FEATURES OF BHARAT PHOTON URINAL SENSORS

- Deodorize feature of 24 hours voluntarily flush if no use
- False flush protection with live indicator to represent sensing & flush ready modes
- Sense to respect feature to avoid splashing on second person in queue
- Stainless steel concealed box
- Optional feature of adjustable flush timer available



BP-U102

6 V DC through
4 X AA size alkaline
batteries

500 mm adjustable

Touchfree infrared sensor

Easily serviceable

120 X 120 mm

8 Seconds
(Will flush 1.5~4 ltrs. water
assuming pressure 0.3~0.6 Mpa)

15 mm inlet / outlet orifice
Left to Bottom

Inbuilt solenoid valve



BP-U602

6 V DC through
4 X AA size alkaline
batteries

500 mm adjustable

Touchfree infrared sensor

Easily serviceable

120 X 120 mm

8 Seconds
(Will flush 1.5~4 ltrs. water
assuming pressure 0.3~0.6 Mpa)

15 mm inlet / outlet orifice
Top to Bottom

Inbuilt solenoid valve
with flow control



BP-U302

6 V DC through
4 X AA size alkaline
batteries

500 mm adjustable

Touchfree infrared sensor

Valve assembly made
of brass

120 X 120 mm

8 Seconds
(Will flush 1.5~4 ltrs. water
assuming pressure 0.3~0.6 Mpa)

15 mm inlet / outlet orifice
Left to Bottom

Inbuilt solenoid valve
with flow control



BP-U712

6 V DC through
4 X AA size alkaline
batteries

500 mm adjustable

Touchfree infrared sensor

Easily serviceable

128 X 128 mm

8 Seconds
(Will flush 1.5~4 ltrs. water
assuming pressure 0.3~0.6 Mpa)

15 mm inlet / outlet orifice
Top to Bottom

Inbuilt solenoid valve



BP-U512

6 V DC through
4 X AA size alkaline
batteries

500 mm adjustable

Touchfree infrared sensor

Easily serviceable

128 X 128 mm

8 Seconds
(Will flush 1.5~4 ltrs. water
assuming pressure 0.3~0.6 Mpa)

15 mm inlet / outlet orifice
Left to Bottom

Inbuilt solenoid valve
with flow control



BP-U912

6 V DC through
4 X AA size alkaline
batteries

500 mm adjustable

Touchfree infrared sensor

Valve assembly made
of brass

128 X 128 mm

8 Seconds
(Will flush 1.5~4 ltrs. water
assuming pressure 0.3~0.6 Mpa)

15 mm inlet / outlet orifice
Top to Bottom

Inbuilt solenoid valve
with flow control

EASILY REPLACEABLE **BATTERY URINAL SENSORS** WITH FAULTY IMPORTED MODELS (IMPORTED CONCEALED SENSORS)



BP-U202

6 V DC through
4 X AA size alkaline
batteries

500 mm adjustable

Touchfree infrared sensor

- Flexible model having loose valve for installation in false ceiling or as an Indian replacement with fitting matched to more than 95% faulty imported sensors installed in India

120 X 120 mm

8 Seconds
(Will flush 1.5~4 ltrs. water
assuming pressure 0.3~0.6 Mpa)

15 mm inlet / outlet orifice



BP-U212

6 V DC through
4 X AA size alkaline
batteries

500 mm adjustable

Touchfree infrared sensor

- Flexible model having loose valve for installation in false ceiling or as an Indian replacement with fitting matched to more than 95% faulty imported sensors installed in India

128 X 128 mm

8 Seconds
(Will flush 1.5~4 ltrs. water
assuming pressure 0.3~0.6 Mpa)

15 mm inlet / outlet orifice

AC / DC (ELECTRICAL + BATTERY) MODELS

All Battery models are convertible to AC/DC option by adding one AC/DC Adaptor at extra cost, the corresponding model no. BP-Uxxx becomes BP-UxxxE

Single flush BP-Uxxx can be ordered for Dual Flush feature also, the model no. becomes BP-UxxxD

For BP-Uxxx with AC/DC & Dual Flush both features, the model no. becomes BP-UxxxED

ALL NEW EXCITING RANGE OF **AUTOMATIC URINAL FLUSHERS**



BP-U642
(POLISHED CHROME)

- 6 V DC through 4 X AA size alkaline batteries
- 125 X 125 mm
- 500 mm adjustable
- 8 Seconds (Will flush 1.5~4 ltrs. water assuming pressure 0.3~0.6 Mpa)
- Touchfree infrared sensor
- 15 mm inlet / outlet orifice Top to Bottom
- Easily serviceable
- Inbuilt solenoid valve with flow control



BP-U642S
(SATIN SILVER)

- 6 V DC through 4 X AA size alkaline batteries
- 125 X 125 mm
- 500 mm adjustable
- 8 Seconds (Will flush 1.5~4 ltrs. water assuming pressure 0.3~0.6 Mpa)
- Touchfree infrared sensor
- 15 mm inlet / outlet orifice Top to Bottom
- Easily serviceable
- Inbuilt solenoid valve with flow control



BP-U642C
(CUSTOM DECORATIVE)

- 6 V DC through 4 X AA size alkaline batteries
- 125 X 125 mm
- 500 mm adjustable
- 8 Seconds (Will flush 1.5~4 ltrs. water assuming pressure 0.3~0.6 Mpa)
- Touchfree infrared sensor
- 15 mm inlet / outlet orifice Top to Bottom
- Easily serviceable
- Inbuilt solenoid valve with flow control

INTEGRATED SENSORS FOR CERAMIC URINAL POTS (EASILY REPLACEABLE IN ANY BRAND URINAL)



BP-U422
(WHITE ABS)

- 6 V DC through 4 X AA size alkaline batteries
- 50 X 80 mm Front
- 500 mm adjustable
- 8 Seconds (Will flush 1.5~4 ltrs. water assuming pressure 0.3~0.6 Mpa)
- Touchfree infrared sensor
- 15 mm inlet / outlet orifice



BP-U522
(BRUSHED STAINLESS STEEL)

- 6 V DC through 4 X AA size alkaline batteries
- 50 X 80 mm Front
- 500 mm adjustable
- 8 Seconds (Will flush 1.5~4 ltrs. water assuming pressure 0.3~0.6 Mpa)
- Touchfree infrared sensor
- 15 mm inlet / outlet orifice



BP-U522M
(POLISHED CHROME BRASS)

- 6 V DC through 4 X AA size alkaline batteries
- 50 X 80 mm Front
- 500 mm adjustable
- 8 Seconds (Will flush 1.5~4 ltrs. water assuming pressure 0.3~0.6 Mpa)
- Touchfree infrared sensor
- 15 mm inlet / outlet orifice

CERAMIC URINAL POT WITH INTEGRATED SENSOR



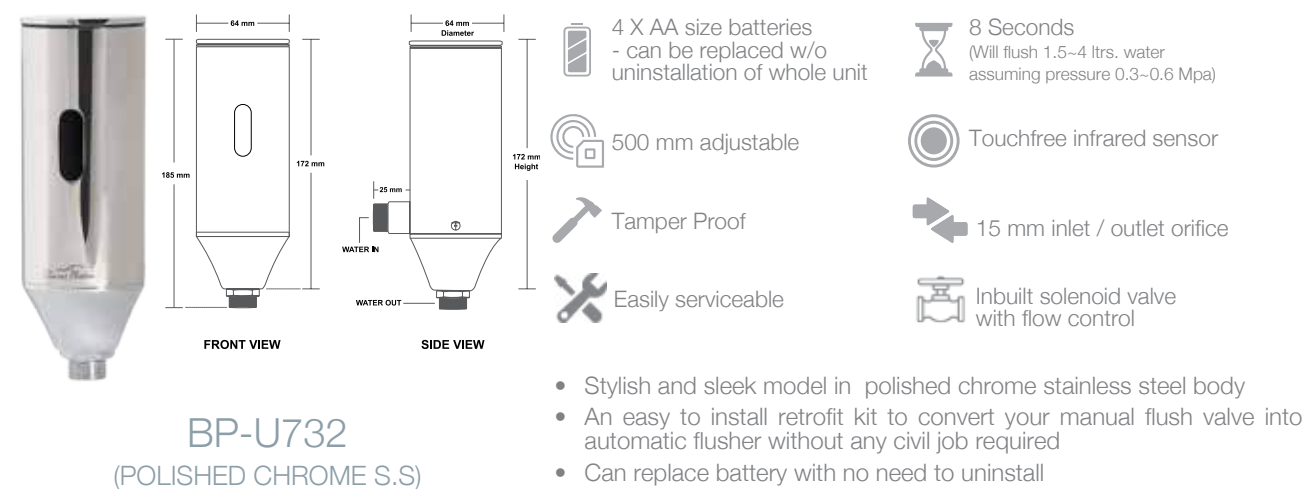
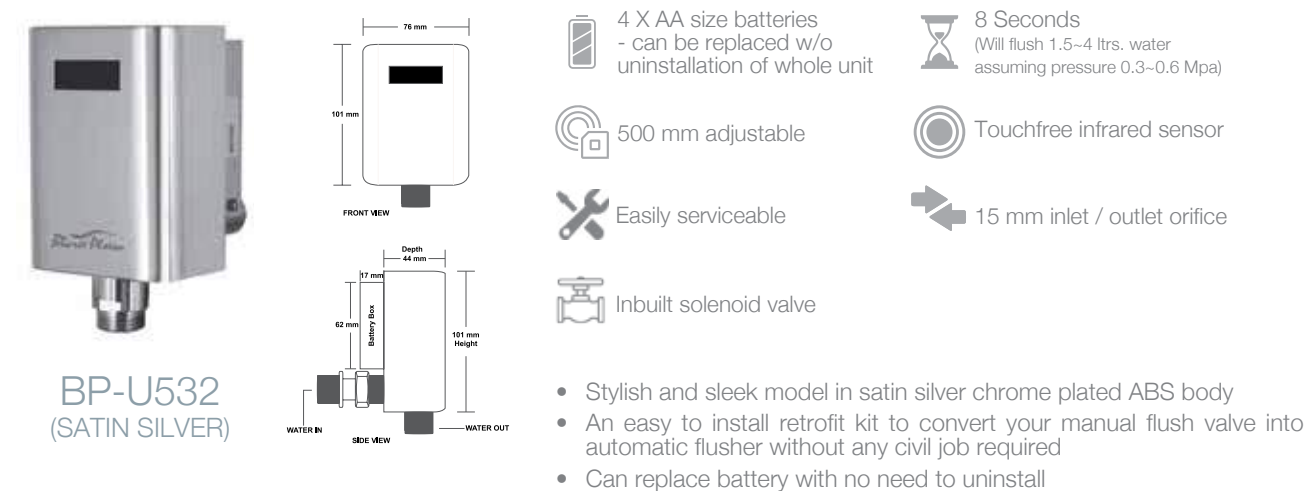
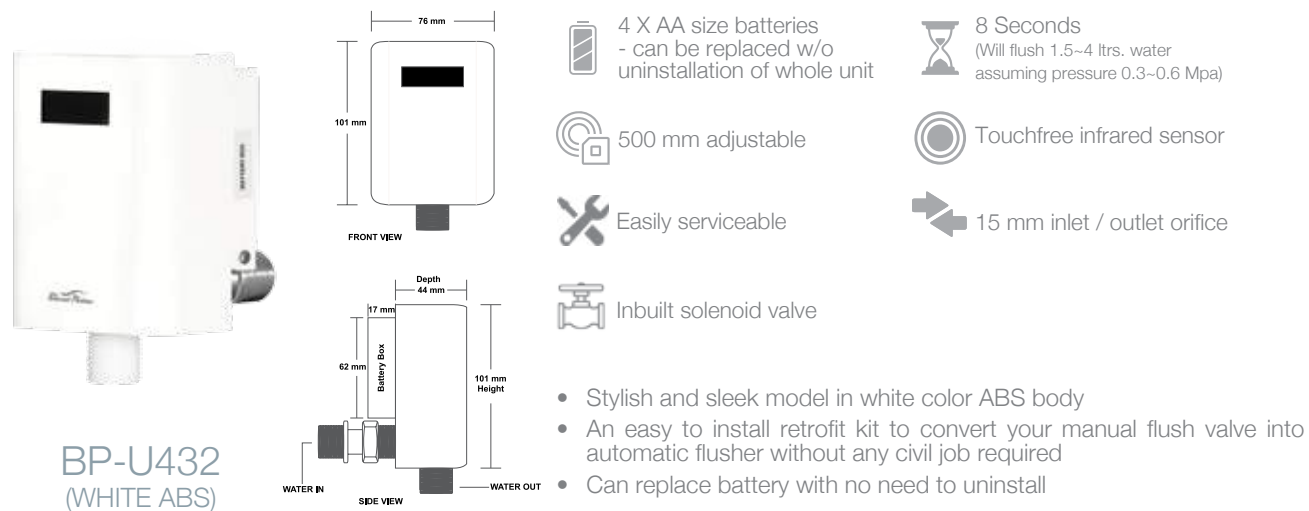
BP-U622

- 6 V DC through 4 X AA size alkaline batteries
- 330 X 290 X 690 mm
- 500 mm adjustable
- 8 Seconds (Will flush 1.5~4 ltrs. water assuming pressure 0.3~0.6 Mpa)
- Touchfree infrared sensor

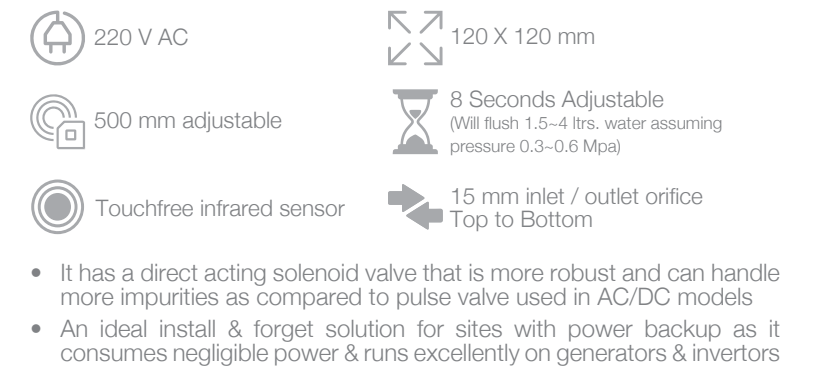
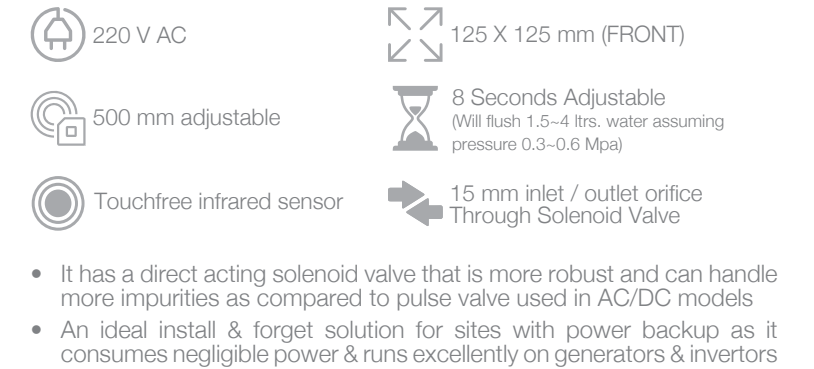
- Stylish ceramic urinal pot in white color with embedded sensor for automatic flushing
- Deodorize feature of 24 hours voluntarily flush if no use
- False flush protection with live indicator to represent sensing & flush ready modes
- Sense to respect feature to avoid splashing on second person in queue

BATTERY OPERATED **EXPOSED TYPE** URINAL FLUSHERS (RETROFIT URINAL SENSORS)

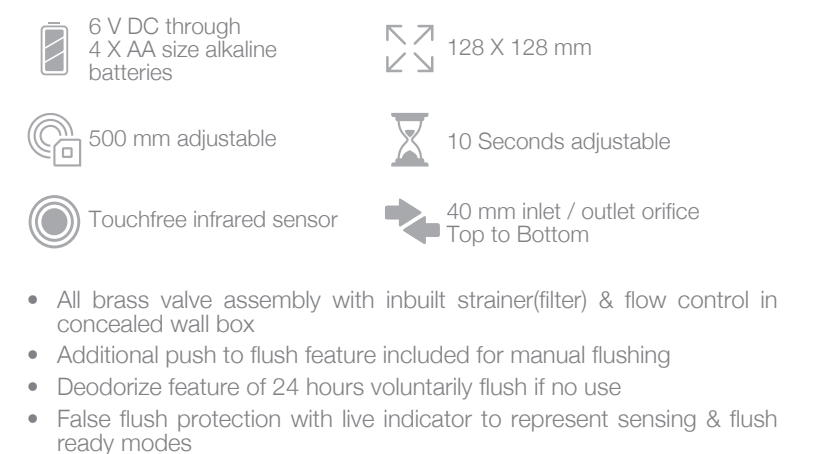
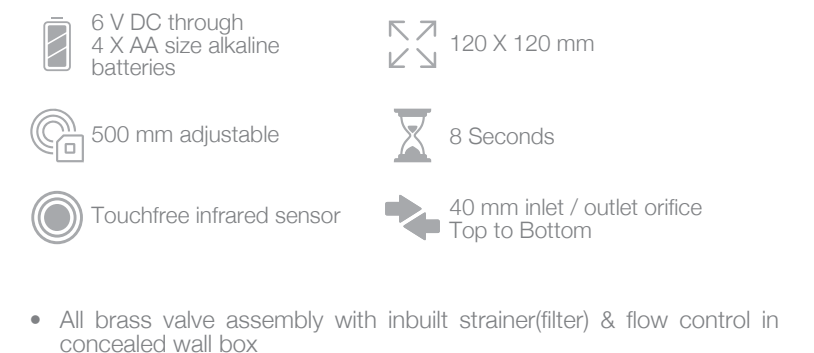
An easy to install retrofit kit to replace your manual flush valve with sensor flusher without any civil job required



ELECTRICALLY OPERATED **RECESSED** URINAL FLUSHERS (CONCEALED URINAL SENSORS)



BATTERY OPERATED **RECESSED** AUTOMATIC TOILET FLUSHERS (CONCEALED WC SENSORS)



ELECTRICALLY OPERATED RECESSED AUTOMATIC TOILET FLUSHER (CONCEALED WC SENSOR)



BP-W105



220 V AC



200 ~ 700 mm adjustable



Touchfree infrared sensor



125 X 125 mm (FRONT)



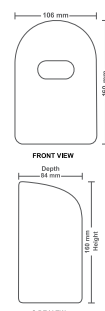
0 ~ 30 Seconds Adjustable
Factory Setting at 10 Seconds



30 mm inlet / outlet orifice
Through Solenoid Valve

- A pure Electrical Model having Robust Electrical Solenoid Valve that can handle more impurities than AC/DC adaptor operated battery systems valve.
- An ideal install & forget solution for sites with power backup as it consumes negligible power & runs excellently on generators & invertors
- With additional manual by-pass lever & pressure adjuster facility

WALL MOUNTED EXPOSED TYPE URINAL FLUSHER (RETROFIT URINAL SENSOR)



BP-U632 / BP-U635
(Battery or AC/DC) Electrical only



6 V DC | BP-U632



220 V AC | BP-U635



500 mm adjustable



8 Seconds Adjustable
(Will flush 1.5~4 ltrs. water assuming pressure 0.3~0.6 Mpa)



Touchfree infrared sensor

- White ABS body having flexibility to install solenoid valve inside or outside body as per site conditions
- It has a direct acting solenoid valve that is more robust and can handle more impurities as compared to pulse valve used in AC/DC models
- An ideal install & forget solution for sites with power backup as it consumes negligible power & runs excellently on generators & invertors

BATTERY OPERATED EXPOSED TYPE AUTOMATIC TOILET (WC) SENSOR FLUSHER

BP-W132



6 V DC through
4 X AA size alkaline
batteries



500 mm adjustable



Touchfree infrared sensor



Tamper Proof

- Sturdy and vandal proof chrome plated brass body
- Additional push to flush feature included for manual flushing

BATTERY OPERATED AUTOMATIC TOILET CISTERN



BP-W142



6 V DC through 4 X AA
size alkaline batteries



500 mm adjustable



385 X 110 X 485 mm



Touchfree infrared sensor

- Sleek and stylish ABS body tank with automatic toilet flushing sensor with motorized piston
- Additional push to flush feature included for manual flushing
- With fragrance holder (one set included)
- Ready to fit water saving cistern that's very easy to install and can replace any manual cistern within minutes

MICRO ECO FLUSHER (MEF)

A BOON TO RESCUE WATERLESS URINALS FROM FOUL SMELLS, CUMBERSOME MANUAL CLEANING & HIGH COST OF CHEMICALS

Before we introduce MEF, let us know some facts about waterless urinals and where they fail in Indian conditions.

Waterless urinals are born from the idea of water saving which sounds very charming

How do they work : Waterless urinals look like regular urinals without a pipe for water intake. Men use them normally, but the urinals don't flush. Instead, they drain by gravity. Their outflow pipes connect to a building's conventional plumbing system. Some companies put a trap (it's a cup) in the drain, which they say stifles urine odors. Other companies with costlier model fill the trap/cup with water and a proprietary liquid -- usually oil. The liquid simply has to float on the water. The urine sinks, and associated gases can't rise through the oil.

But do they really work? especially in a country like India with demanding conditions and tough weather, mostly humid in most of the part of the country?

We did a survey on facilities using waterless urinals within India and also across the globe and found that many facilities are fed up with high cost of maintenance and still their facility becoming a health hazard !!!!!

According to website www.theswcsun.com, "Waterless devices retain urine, creating an environment that helps bacteria multiply, resulting in offensive odors. Savings in water costs are offset by the other expenses associated with waterless urinals. Chemicals for these urinals include sealer, primer and cleaner which sell for \$75 a gallon and harm the environment. One of the two plumbers at SWC said he is not in favor of the waterless system.

"The selling point was the 40,000 gallons of water," he said.

Now lets pen down the facts proving that why waterless urinals fail their basic idea of : maintaining a washroom odor free, cut down cost and save water:

- Urine traces in bowl : People supporting and marketing waterless urinals say that when urine comes in contact with H₂O it produces ammonia that's responsible for bad odor. They are true but they have forgotten the fact that in Indian conditions or facilities where moisture content is very high, urine traces in the bowl even in waterless urinals will automatically come in contact with moisture in air and will generate ammonia that is bound to smell bad. The condition is worsened by relying on the existing drainage infrastructure where trapped moisture crystallizes the urine sediments produces odor causing gas triggering further contamination of the structure and reducing the life of the pipes.
- Foreign particles : Waterless urinals are unable to deal with foreign particles like human hair, tobacco & pan masala spits, left over cigarette, etc. that damages the trap and its seal, thus adding to the insult.
- High cost of maintenance : Waterless urinals need periodic replacement of expensive chemicals like oil or trap replacement every three months to 7000 flushes and need chemical spray (containing bio-organisms) for bowl cleaning, making it costlier than flushing
- Cumbersome manual cleaning : A lot of manual cleaning of urinal bowl is required through the use of chemicals containing bio- organisms. This whole process again require lots of training and skilled labor to undertake the cleaning process which is non-practical to sustain in long run with large number of urinals to maintain.
- Lack of ventilation : Most of the public washrooms in India are not designed according to ventilation required for waterless urinals. They fall prey to no-water flushing urinals once the fould smells begin to generate & multiply, ultimately resulting in extremely unhygienic conditions
- Absolute health hazard : As waterless urinals do not treat the urine traces and foreign particles in the bowl unless cleaned manually, they pose a serious health hazard to humans using them as contamination is bound to occur & multiply

THE SOLUTION

MICRO ECO FLUSHER (MEF)
For Further Details, Please Contact Us.



AUTOMATIC SENSOR FAUCETS

- Designed and manufactured in India to automatically wash hands without the need to touch the tap
- An essential & dependable component in every washroom to maintain proper hygiene.
- Simultaneously instrumental to help reduce water wastage
- Prevents the spread of germs due to physical contact of tap
- Ensures no one leaves the tap running after use as water flows only for the duration when hand is in front of the sensor
- A tried and tested easily serviceable & lifetime repairable robust Indian answer to use & throw 'locally branded imported models' marketed widely in India
- A true Indian Product that Conforms to Green Building Standards
- Reduces Carbon Footprint & saves considerable amount of Operational Costs as compared to Manual Taps

BASIN MOUNTED SENSOR FAUCETS CONFIGURATIONS

All the models are available with either of three control units as ordered :

ELECTRICAL CONTROL UNIT (AC)

- INPUT : 220 V AC thru 3 Pin Mains Plug
- OPERATING PRESSURE : 0.02 ~ 1.0 Mpa
- Highly Robust Electrical Valve to Handle more impurities as compared to Battery Systems
- Excellent performance on power backups like inverter & generator with negligible power consumption
- An install & forget system for sites with power outlet available near wash basin

BATTERY CONTROL UNIT (DC)

- INPUT : 6 V DC thru 4 X AA Size Alkaline Batteries
- OPERATING PRESSURE : 0.05 ~ 0.8 Mpa
- Performance tuned battery valve for sturdy Indian conditions
- Doubly enclosed battery compartment to prevent water leakage
- An install & forget system for sites with no power outlet near wash basin

BATTERY + ELECTRICAL CONTROL UNIT (AC/DC)




- INPUT : 220 V AC / 6 V DC
- OPERATING PRESSURE : 0.05 ~ 0.8 Mpa
- Can be operated either thru AC or DC or both modes simultaneously where system will work on AC with DC mode as stand by backup
- Performance tuned battery valve for sturdy Indian conditions
- A multipurpose system adaptive to any kind of site

BASIN MOUNTED SENSOR FAUCETS

 <p>  BP-F102  BP-F105  BP-F107 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Stylish & Sleek Front Sensor • For Small / Medium Wash Basins 	 <p>  BP-F152  BP-F155  BP-F157 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Stylish & Sleek Front Sensor • For Small / Medium Wash Basins
 <p>  BP-F062  BP-F065  BP-F067 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Ergonomical Swan Neck Design • For Medium / Big Wash Basins 	 <p>  BP-F162  BP-F165  BP-F167 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Aesthetic Square Design For Medium / Big Wash Basins

 <p>  BP-F052  BP-F055  BP-F057 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Hidden Bottom Sensor for no tampering • Perfect Design for Very High Traffic • For Medium / Big Wash Basins 	 <p>  BP-F122  BP-F125  BP-F127 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Rotatory Swan Neck Design • For Medium / Big Wash Basins
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WALL MOUNTED SENSOR FAUCETS

 <p>  BP-F112  BP-F115  BP-F117 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Rotatory Swan Neck Design 	 <p>  BP-F197 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Sleek Sensor placed at faucet opening • Available in only AC/DC Configuration 	 <p>  BP-F072  BP-F075  BP-F077 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Rotatory Swan Neck Design
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LONG BODY SENSOR FAUCETS (FOR TABLE TOP BOWL TYPE BASINS)

 <p>  BP-F252  BP-F255  BP-F257 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Hidden Bottom Sensor for No tampering • Perfect Design for Very High Traffic • Available in 6" / 8" / 9" Height Extensions 	 <p>  BP-F262  BP-F265  BP-F267 </p> <ul style="list-style-type: none"> • Chromeplated Brass Metal Body • Ergonomical Swan Neck Design • Perfect Design for Very High Traffic • Available in 6" / 8" / 9" Height Extensions
--	---

MIXER ATTACHMENTS FOR SINGLE LINE SENSOR FAUCETS



Non-Return Mixture Valve (NRV)
An optional attachment in chromeplated brass metal for conversion of any single line sensor tap into double line mixer. Hot n Cold ratio can be adjusted with the help of Single Lever



Thermostatic Mixture Valve (TMV)
An optional attachment in chromeplated brass metal for thermostatically controlled mixing of hot & cold water for various applications. Once the preset knob is set at the desired temperature, it will maintain the temperature of output water irrespective of the temperature changes at the inlet (Hot water temperature must be higher than preset temperature)

ALL IN ONE WALL MOUNTED BATTERY OPERATED SENSOR FAUCETS (NO SEPARATE UNIT REQUIRED)



BP-F143



6 V DC through 4 X AA Size Alkaline Batteries



0.02 ~ 0.8 Mpa



Stainless Steel Body with Chromeplated Brass Metal Rotatory Spout



Touchfree infrared sensor

- Rotatory Spout for Convenient Sink Wash
- Easy Replacement of Battery without the need to uninstall the system



BP-F144



6 V DC through 4 X AA Size Alkaline Batteries



0.02 ~ 0.8 Mpa



Chromeplated Polycarbonate ABS with Brass Metal Rotatory Spout



Touchfree infrared sensor

- Rotatory Spout for Convenient Sink Wash
- Easy Replacement of Battery without the need to uninstall the system



BP-F171



6 V DC through 4 X AA Size Alkaline Batteries



0.02 ~ 0.8 Mpa



Chromeplated Brass Metal faucet with S.S. front



Touchfree infrared sensor

- Wall mounted model with sensor, solenoid valve, battery box all embedded in concealed box
- Can be made AC/DC with the help of optional AC/DC adaptor

HOT AND COLD MIXER SENSOR FAUCETS (AC/DC OPERATED)



BP-F166



220 V AC / 6 V DC



0.05 ~ 0.7 Mpa



Touchfree infrared sensor

- Turn On & Off water thru Wave Sensor for preset duration
- Manual Mixing Handle to adjust Water Temperature
- Maximum Washing Period of 180 Seconds
- Automatic & Manual Turn On and Off
- Detachable Nozzle Head with Flexible Water Pipe at the opening of the Faucet makes it ideal as kitchen faucet for Washing Objects



BP-F186



6 V DC through 4 x AA Size Alkaline Batteries



0.05 ~ 0.6 Mpa



Touchfree infrared sensor

- Manual Mixing Handle to adjust Water Temperature
- All in one Mixer Sensor Faucet with no Separate Control Unit required

MIXER SENSOR FAUCET WITH INTEGRATED SOAP DISPENSER



BP-F407



6 V DC through 4 x D Size Alkaline Batteries



Chromeplated Brass Metal Body



Touchfree infrared sensor

- A Mixer Handle to adjust Water Temperature
- Maximum Washing Period : 60 Seconds
- Simultaneous use of Automatic Soap Dispenser & Automatic Faucet integrated into one for convenient use

MANUAL FAUCET TO SENSOR FAUCET CONVERTER (BATTERY OPERATED)



BP-ATV-111



4.5 V DC thru 3 X AAA Size Alkaline batteries



Touchfree infrared sensor

- Fits easily onto opening of your existing faucet and converts it into an Automatic one without the need to replace tap
- Operates thru bottom sensor for on/off
- Additional wave sensor on side for continuous flow
- Stylish & Sleek attachment that enhances the beauty of existing faucet
- Very easy plug & use installation at the opening of existing faucet
- Six different sizes mounting connectors to fit different kitchen faucets

AUTOMATIC SHOWER SYSTEM



BP-SXXX

- Automatic Shower Sensor comes in same design package as Urinal Sensors
- The shower flow starts when person comes in front of the sensor plate.
- The shower flow stops when person removes from the sensing range of the sensor
- Shower body is optional and is shown only for indicative purpose
- In BP-SXXX, XXX is the series of urinal sensor enclosure. e.g. in BP-U102 enclosure shower sensor is BP-S102



AUTOMATIC HAND DRYERS & HAIR DRYER

- Designed to automatically dry hands through a stream of hot air as soon as one puts his/her hands under the machine
- An essential & dependable component in every washroom to maintain proper hygiene as it replaces conventional towels
- Reduces carbon footprint by eliminating the use of paper towels
- Saves Operational costs by more than 90 %
- Our range of High Speed & Jet Hand Dryers reduces power consumption by 80 % as compared to regular models, and saves big amount of money as compared to use of paper towels
- World class designs which are not only attractive & stylish but are equally robust and maintenance free for rigorous conditions like in India
- A product that truly conforms to Green Building norms

■ JET HAND DRYERS (High Speed Energy Efficient Hand Dryers)



BP-HBA-991
(Brushed motor)

220 V AC	1200~1800 W
5~7 Sec.	95 m/s
Polycarbonate ABS	W300 X D190 X H650 mm
HEPA Filter	Touchfree infrared sensor

- Strong Air Flow to Dry Hands within 5~7 seconds
- Highly Energy Efficient as compared to Conventional Models
- Unique Vertical Design that keeps the floor Dry & Clean
- Fashionable yet Elegant Aesthetic Design than enhances the beauty of your place
- HEPA Filter - Triple filter deodorization to filter dust from air
- Body and parts made of antimicrobial resin to prevent bacteria from multiplying



BP-HLA-981
(Brushless motor)

220 V AC	1200~1800 W
5~7 Sec.	95 m/s
Polycarbonate ABS	W300 X D220 X H687 mm
Touchfree infrared sensor	

- Strong Air Flow to Dry Hands within 5~7 seconds
- Highly Energy Efficient as compared to Conventional Models
- DC Brushless Motor reduces the wear & tear and enhances the life of product
- Fashionable yet Elegant Aesthetic Design than enhances the beauty of your place



BP-HBS-992 (Brushed motor)
BP-HLS-991 (Brushless motor)

220 V AC	1650 W
5~7 Sec.	95 m/s
Stainless Steel Body 304 Grade	W300 X D222 X H735 mm
HEPA Filter	Touchfree infrared sensor

- Strong Air Flow to Dry Hands within 5~7 seconds
- Highly Energy Efficient as compared to Conventional Models
- Attractive & Robust Stainless Steel Body with Brushed Finish
- With UV light, Water Tank & HEPA filter

■ ABS PLASTIC CASING HAND DRYERS



BP-HD-923

220 V AC	1800 W
<15 Sec.	15 m/s
Polycarbonate ABS	W240 X D230 X H240 mm
Touchfree infrared sensor	

- Fashionable yet Elegant Aesthetic Design than enhances the beauty of your place



BP-HAD-971S / B

220 V AC	2000 W
<15 Sec.	15 m/s
Polycarbonate ABS	W248 X D230 X H250 mm
Touchfree infrared sensor	Blue LED Lights

- Blue Led Lights on the front panel that adds to the aesthetic appeal

■ HIGH SPEED HAND DRYERS IN POLYCARBONATE ABS CASING



BP-HDH-978

220 V AC	1200 W+ Motor Power 550W
5~7 Sec.	95 m/s
Polycarbonate ABS	W248 X D190 X H520 mm
Touchfree infrared sensor	

- Strong Air Flow to Dry Hands within 5~7 seconds
- Highly Energy Efficient as compared to Conventional Models
- Base Included
- Fashionable yet Elegant Aesthetic Design than enhances the beauty of your place



BP-HDS-514

220 V AC	1000 W
8~10 Sec.	85 m/s
Polycarbonate ABS	W235 X D135 X H394 mm
Touchfree infrared sensor	

- Stylish air blade jet hand dryer with IPX4 rating i.e. water splash proof grade

STAINLESS STEEL HAND DRYERS



BP-HDS-605

- 220 V AC
- 8-10 Sec.
- Stainless Steel Body 304 Grade
- Touchfree infrared sensor
- 2300 W
- 30 m/s
- W258 X D232 X H200 mm
- Strong Air Flow with Rotatory Air Spout
- Attractive & Robust Stainless Steel Body



BP-HDS-612

- 220 V AC
- 8-10 Sec.
- Stainless Steel Body 304 Grade
- Touchfree infrared sensor
- 2300 W
- 30 m/s
- W258 X D232 X H200 mm
- Strong Air Flow with Rotatory Air Spout
- Attractive & Robust Stainless Steel Body in white colour
- Additional Push Button By-Pass Facility



BP-HDS-610

- 220 V AC
- <15 Sec.
- Stainless Steel Body 304 Grade
- Touchfree infrared sensor
- 1650 W
- 18 m/s
- W220 X D147 X H285 mm
- Heater On/Off Switch Available
- Cost Effective Model in SS 304 Grade
- Attractive & Robust Stainless Steel Body

HIGH SPEED HAND DRYERS IN STAINLESS STEEL CASING



BP-HDS-509

- 220 V AC
- 5-7 Sec.
- Stainless Steel Body 304 Grade
- Touchfree infrared sensor
- 1200 W + Motor Power 550 W
- 95 m/s
- W295 X D171 X H325 mm
- High Speed Model with Very Strong Air Flow
- Attractive & Robust Stainless Steel Body



BP-HDS-511

- 220 V AC
- 5-7 Sec.
- Stainless Steel Body 304 Grade
- Touchfree infrared sensor
- 1200 W + Motor Power 550 W
- 95 m/s
- W235 X D200 X H300 mm
- High Speed Model with Very Strong Air Flow
- Attractive & Robust Stainless Steel Body
- Anion generator • Heater On/Off Switch Available

METAL CASING HAND DRYERS



BP-HDM-301

- 220 V AC
- <15 Sec.
- Powder coated M.S. body in Ivory Colour
- Touchfree infrared sensor
- 1500 W
- W215 X D130 X H260 mm
- Additional Push Button By-Pass Facility for 30 Sec Uninterrupted Hot Air Flow
- Heater Cuts Off First, Blower Cuts off after 7 Seconds so as to propel out hot air & maximise life
- Separate Indicators for Mains, Fan & Heater



BP-HDM-304
(S.S. FINISH)

- 220 V AC
- 8~10 Sec.
- M.S. Body in S.S. Finish
- Touchfree infrared sensor
- 1800 W
- 18 m/s
- W265 X D125 X H205 mm
- Cost Effective Model in S.S. Finish

AUTOMATIC HAIR DRYER



BP-HAD-242

- 220 V AC
- Polycarbonate ABS
- 1200 W
- 12 m/s
- Flexibility to mount on wall or use portably
- Highly decorative design than enhances the facility look
- Sturdy & Durability that guarantees long term performance



BODY OPERATED HYGIENE TAPS

- Designed and manufactured in India to wash hands hygienically & conveniently
- An essential & dependable component in every washroom to maintain proper hygiene
- Simultaneously instrumental to help reduce water wastage
- Used in renowned establishments like Operation Theatres, Airports, Food Processing Units, etc. where conventional faucets cannot be used
- A true Indian Product that Conforms to Green Building Standards
- Reduces Carbon Footprint & saves considerable amount of Operational Costs as compared to conventional flushing techniques

MECHANICAL FOOT OPERATED TAP SYSTEM

BP-F501

- Chromeplated Solid Brass Metal Body
- ½ inch inlet / outlet orifice for Water Pipeline
- Robust Foot Pedal for release of water
- Heavy Duty Design for Long Life



ELECTRONIC FOOT OPERATED TAP SYSTEM

BP-F502

- Includes Soft Peddle Switch alongwith Control Box with Valve
- ½ inch inlet / outlet orifice for Water Pipeline
- 220 V AC Operated
- A lifetime product thats always repairable & does not have permanent wear & tear as compared to mechanical system



SELF CLOSING **PUSH OPERATED (PRESSMATIC)** PILLAR TAP

BP-F601

- Chromeplated Solid Brass Metal Body
- Mechanical Timing of 8~10 seconds for closing of water
- Heavy Duty Design with attractive look
- Highly durable push mechanism ensures long life of the product



SELF CLOSING **PUSH OPERATED (PRESSMATIC)** BIB COCK

BP-F602

- Chromeplated Solid Brass Metal Body
- Mechanical Timing of 8~10 seconds for closing of water
- Heavy Duty Design with attractive look
- Highly durable push mechanism ensures long life of the product



ELBOW OPERATED TAP SYSTEM

BP-F715

- Chromeplated Solid Brass Metal Body
- Designed for convenient use through elbow
- An ideal product for Operation Theatre & other such applications



EYE WASH STATION

BP-F802

- Complete Stainless Steel Body for High Durability
- Self closing Eye Wash Fountain
- An ideal product for Airports & other Such Applications





SOAP DISPENSERS & FOAM DISPENSERS

- Superlatively designed to eradicate spread of germs due to use of common soap in public places
- Ergonomics to attain ease of use
- Stylish & prestigious look adds to the beauty of the washroom
- Materials chosen specifically for Durability & Performance
- Essential for Green Buildings & Reduces Carbon Footprint

MANUAL DISPENSERS IN **POLYCARBONATE** ABS PLASTIC CASING (PUSH TYPE)

BP-MSA-131



500 ml Soap

BP-MSA-132



500 ml Soap X 2 Twin Dispenser
(Soap + Shampoo)

BP-MSA-133



500 ml Soap X 3 Triple Dispenser
(Soap + Shampoo + Body Wash)

BP-MSA-231

POLYCARBONATE



500 ml soap

BP-MSA-331

POLYCARBONATE



500 ml soap

BP-MSA-531

POLYCARBONATE



500 ml soap

MANUAL DISPENSERS IN **STAINLESS STEEL** CASING (PUSH TYPE)

BP-MSA-141



500 ml Soap

BP-MSA-142



500 ml Soap X 2 Twin Dispenser
(Soap + Shampoo)

BP-MSA-143



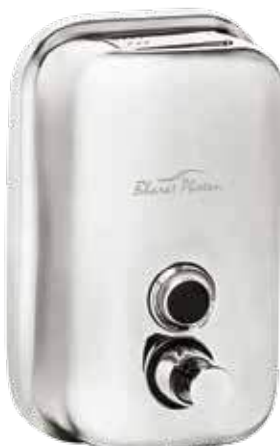
500 ml Soap X 3 Triple Dispenser
(Soap + Shampoo + Body Wash)

BP-MSS-231



500 ml soap

BP-MSS-331



1000 ml soap

BP-MSS-431



500 ml soap

BP-MSS-531



1000 ml soap

AUTOMATIC SOAP DISPENSERS (TOUCH FREE INFRARED SENSOR)

POLYCARBONATE ABS CASING

BP-ASA-105



4 X AA Size Batteries
500 ml
2 ml

- Key Lock Facility

BP-ASA-106



4 X AA Size Batteries
500 ml
2 ml

- Refill Indicator Window

BP-ASA-121



4 X AA Size Batteries
500 ml
2 ml

- Transparent Soap Container

STAINLESS STEEL CASING

BP-ASS-122



6 X AA Size Batteries
800 ml
2 ml

- Highly Durable Body with dashing looks & performance

BP-ASS-123



4 X AA Size Batteries
1200 ml
2 ml

- Highly Durable Body with dashing looks & performance

BP-ASS-125

BASE MOUNT



4 X AA Size Batteries
1000 ml
2 ml

- Stainless Steel with Plastic Base
- Highly Durable Body with dashing looks & performance

AUTOMATIC FOAM DISPENSER (TOUCH FREE INFRARED SENSOR)

BP-AFD-121



BASE MOUNTED UNDER COUNTER

4 X D Size Batteries
1500 ml
150 mm

Touchfree infrared sensor

- Chromeplated Solid Brass Metal
- Foam Soap or mixed liquid with Soap & Water Ratio of 1:2
- Highly Durable with Faucet Look



AUTOMATIC FRAGRANCE DISPENSERS & DISINFECTING HAND SANITIZERS

- Superlatively designed to eradicate spread of germs & eliminate foul smells
- Ergonomics to attain ease of use
- Stylish & prestigious look adds to the beauty of your washroom
- Materials chosen specifically for Durability & Performance
- Essential for Green Buildings as they Reduce Carbon Footprint when compared to conventional products

■ AUTOMATIC **AIR FRESHNER** (FRAGRANCE DISPENSER)

BP-FAA-211



- 2 X D Size Batteries
- 5/10/15/20/25 Minutes
- Polycarbonate ABS
- Day / Night / 24 Hours
- Stylish design clubbed with performance

BP-FAA-212



- 2 X D Size Batteries
- 5/10/15/20/25 Minutes
- Polycarbonate ABS
- Day / Night / 24 Hours
- Setting can be done through remote

BP-FAA-311



- 2 X D Size Batteries
- 5/10/15/20/25 Minutes
- Polycarbonate ABS
- Day / Night / 24 Hours
- Setting can be done through Remote

■ AUTOMATIC DISINFECTING **HAND SANITIZER/STERILIZER** (AUTOMATIC SPRAY SYSTEM)

BP-HSA-281
(Heavy Traffic)



- Touchfree Infrared Sensor
- 220 V AC
- 1 ~ 10 ml
- Polycarbonate ABS
- 2500 ml
- Isopropyl Alcohol
- Kills 99.99% germs
- Base Provided for Convenience

BP-HSA-282
(AC/DC)



- Touchfree Infrared Sensor
- 220 V AC / 6 V DC
- 1 ml
- Polycarbonate ABS
- 1000 ml
- Isopropyl Alcohol
- Kills 99.99% germs

BP-HSA-283
(Heavy Traffic)



- Touchfree Infrared Sensor
- 220 V AC
- 1 ~ 10 ml
- S.S. 304 Grade Stainless Steel
- 2000 ml
- Isopropyl Alcohol
- Kills 99.99% germs
- Heavy Duty S.S. body with base for Prolonged Life



TISSUE PAPER DISPENSERS & TOILET ROLL DISPENSERS

- Ergonomics to attain ease of use
- Stylish & prestigious look adds to the beauty of your washroom
- Materials chosen specifically for Durability & Performance
- Essential for Green Buildings as they Reduce Carbon Footprint when compared to conventional products

MANUAL TISSUE PAPER DISPENSER

BP-TSA-621

POLYCARBONATE ABS CASING



- C Fold / M Fold
- 300 - 400 Tissues

BP-TSA-622

POLYCARBONATE ABS CASING



- C Fold / M Fold
- 300 - 400 Tissues

BP-TSS-628/BP-TSS-629

STAINLESS STEEL CASING 304 GRADE



- C Fold / M Fold
- 300 - 400 Tissues



- C Fold / M Fold
- 300 - 400 Tissues

BP-TPA-611

AUTOCUT TISSUE PAPER DISPENSER



- 220 V AC / 6 V DC thru 4 X D Size batteries
- Polycarbonate ABS
- Touchfree infrared sensor
- One Tissue at a time dispenser
- Paper roll size: 195 - 200mm Dia<=200mm

BP-TDJ-604

JUMBO ROLL



- 250-300 mtr
- Stainless steel 304 grade

BP-TDA-605

JUMBO ROLL



- 250-300 mtr
- Polycarbonate ABS

TOILET PAPER HOLDER

BP-TDC-603 (Recessed)

Stainless Steel 304 grade



BP-TDM-604 (Wall Mounted)

Stainless Steel 304 grade

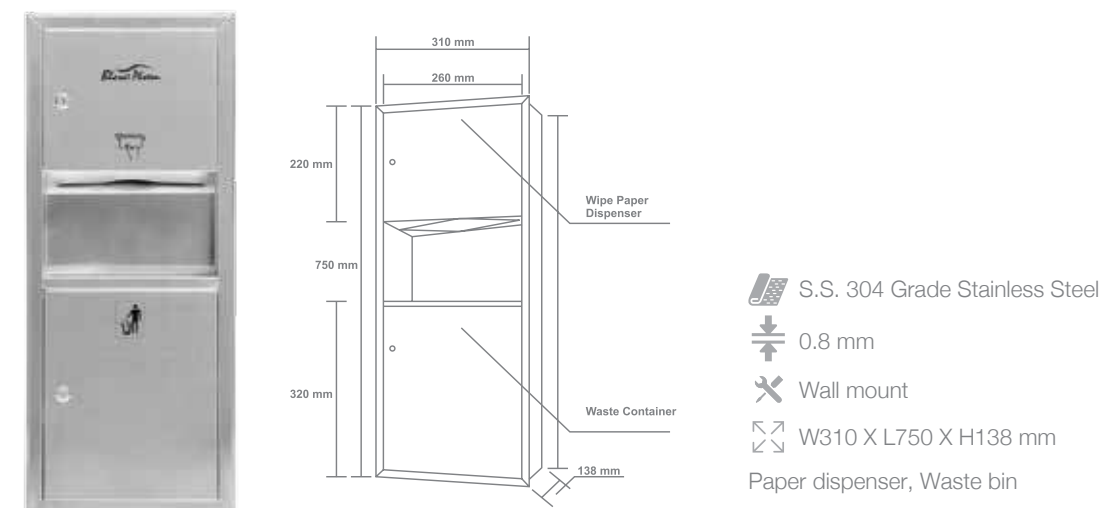




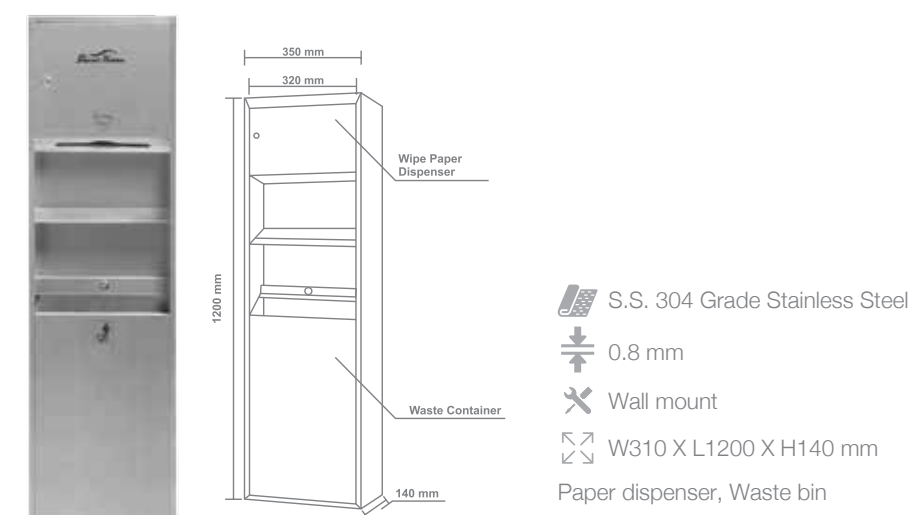
MULTIFUNCTIONAL RECESS PANELS

- Smart Washroom Recessed Panels that save considerable amount of space & deliver multifunctional utilities in a professional way with style & performance
- Stylish & prestigious look adds to the beauty of your washroom
- Made of Stainless Steel 304 Grade specifically for Durability & Performance
- Essential for Green Buildings as they Reduce Carbon Footprint as compared to conventional products

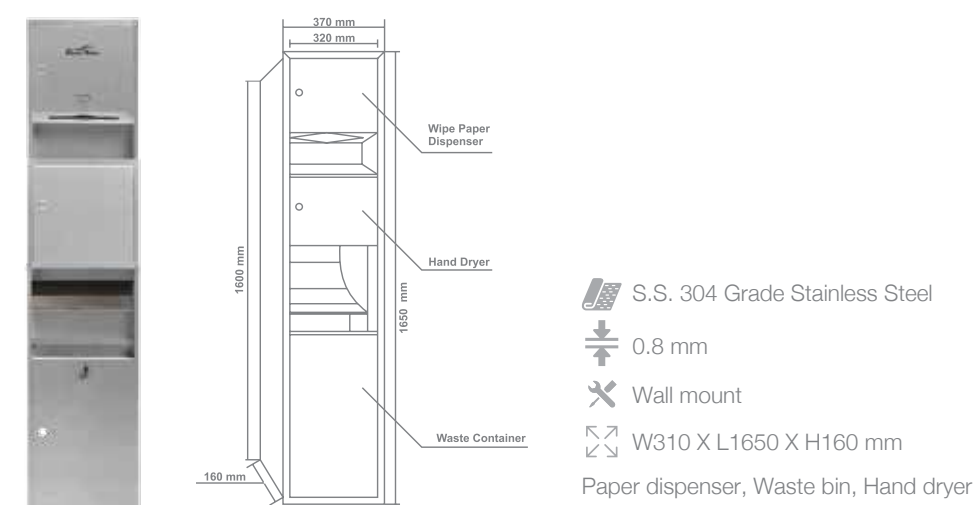
BP-RPS-512 (Tissue Paper Dispenser + Waste Receptacle)



BP-RPS-513 (Tissue Paper Dispenser + Waste Receptacle)



BP-RPS-523 (Tissue Paper Dispenser + Hand Dryer + Waste Receptacle)





WASTE RECEPTACLES (TRASH CANS) & BABY CHANGING TABLE

- Made of High Quality Stainless Steel for Durability & Longevity
- Stylish & prestigious look adds to the beauty of your washroom
- Variety of Designs & Sizes available to suit diversified user needs
- Customization option also available as per user's specifications



Sizes:
8" X 12" 8" X 28"
10" X 14" 10" X 24"
10" X 28" 12" X 24"
12" X 18" 14" X 24"
14" X 28" 15" X 24"
15" X 28"

SWING BIN SWT-01



Sizes:
7" X 10" 8" X 12"
10" X 14" 12" X 18"
12" X 24" 14" X 24"
14" X 28" Customised

OPEN DUSTBIN OPT-01
(PERFORATED)



Sizes:
7" X 10" 8" X 12"
10" X 14" 12" X 18"
12" X 24" 14" X 24"
14" X 28" Customised

OPEN DUSTBIN OHT-01
(PLAIN)



Sizes:
5 Ltrs (7X11)
7Ltrs (8X13)
11 Ltrs (10X15)
22Ltrs (12x24)

PEDDLE DUSTBIN PPT-01
(PLAIN)



Sizes:
8" X 16" 8" X 28"
8" X 32" 10" X 28"
10" X 32" 12" X 28"
12" X 32" 14" X 28"
14" X 32"

PUSH DUSTBIN UPT-01



Sizes:t
8" X 24" 8" X 28"
10" X 24" 10" X 28"
12" X 28" 14" X 28"

ASH CAN BIN ACT-01

AUTOMATIC TRASH CAN



BP-ATC-581

6 V DC through 4 X AAA Size Alkaline Batteries
Stainless Steel 430 grade (outer)
Polypropylene (inner)
Polycarbonate ABS (lid)

12 Ltrs.
225 Dia X 340 mm Height
Touchfree infrared sensor

- Extremely Hygienic product to dispose off trash
- Necessary for Modern Green Buildings & reduces Carbon Footprint

BABY CHANGING TABLE



BP-BCA-481

High Density Polyethylene

25 Kgs



- Equipped with Safety Belt for security of Baby



GRAB BARS / SAFETY RAILS FOR DISABLED & AUTOMATIC SHOE SHINER MACHINE

- **Grab bar** is a prime need & support necessity to extend comfort & safety for both normal & disabled access in a modern washroom
- Made of Stainless Steel 304 Grade specifically for Durability & Performance
- Can be customized as per site specifications & usage requirements
- **Shoe Shiner Machine** is designed to automatically shine the shoe as soon as the foot is placed inside the machine
- An hygienic product that offers convenience and comfort to user with durability & long life guranteed

DISABLED GRAB BARS

BP-GBS-412

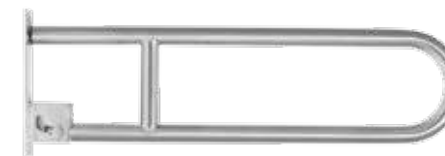
STRAIGHT HANDDRAIL



- Stainless Steel 304 grade
- 300 / 450 / 600 / 750mm

BP-GBS-411

SWING TYPE



- Stainless Steel 304 grade
- Full 90 degree swing

BP-GBU-429

U TYPE HANDDRAIL



- Stainless Steel 304 grade

BP-GBS-419

SWING TYPE



- Stainless Steel 304 grade (Nylon Coated)
- Full 90 degree swing

- Disabled grab bar of any shape / size can be customised as per the specifications

SHOE SHINER MACHINE

BP-SSM-419



- 220 V AC
- Stainless Steel
- 200 ml
- 40 Watts
- Touchfree infrared sensor
- 15 Seconds Auto-cut off
- 1400
- Fully Automatic via Through Beam Sensors

BP-SSM-429 WITH SOLE CLEANER



- 220 V AC
- Stainless Steel
- 200 ml
- 40 Watts
- Touchfree infrared sensor
- 15 Seconds Auto-cut off
- 1400
- Fully Automatic via Through Beam Sensors
- Sole Cleaner cleans the shoe from the bottom



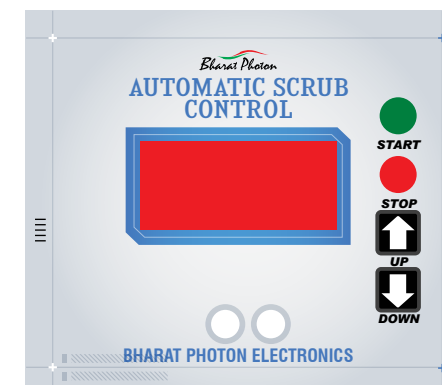
AUTOMATIC SCRUB STATION SINKS & PANELS

- Designed to automate the process of Hand / Object Washing in highly sensitive areas such as in O.T.'s, Food Processing Units, Modern Kitchens, etc. such that the productivity is multiplied in a professional manner without compromising on hygiene & resource management
- Ergonomics to attain ease of use and their stylish & prestigious look adds to the aesthetics of the facility
- Stainless Steel 304 grade for lifetime finish & durability
- Essential for Green Buildings & Reduces Carbon Footprint

SENSOR ACTIVATED **TIMER CONTROLLED** SCRUB PANEL FOR HOSPITALS

BPE-ATX1

AUTOMATIC PANEL



220 V AC

- Three digits wide display for downtimer of 0:00 to 9:59 minutes
- Water flow activated through Sensor or Start button
- Programmable stop duration upto 9 minutes 59 seconds
- Forced water stop override feature through Sensor or Stop button
- An ideal product for Operation Theatre Scrubs to assist doctors in cleaning of hands & surgical equipments with running water for desired period

BPE-ASC-03

THREE STATION SCRUB SINK WITH TIMER PANELS



Stainless Steel 304 grade

195 L X 54 W X 84 H cms

- Three Station Hand Wash
- Sink Faucets X 3 Nos.
- Elbow Tap / Foot Tap Optional

BPE-ASC-02

TWO STATION MULTIFUNCTIONAL SINK



Stainless Steel 304 grade

138 L X 56 W X 168 H cms

- Automatic Sensor Faucets X 2 Nos.
- Stainless Steel Hand Dryer X 1 No.
- Stainless Steel Soap Dispenser X 1 No.
- Stainless Steel Tissue Dispenser X 1 No.
- Waste Receptacle below the Sink

* Stainless Steel Automatic Scrub Sink & Multifunctional Sink Panels are customizable as per user size specifications and items to be integrated

AUTOMATIC WATER LEVEL CONTROLLER/ INDICATOR (PHOTRON SERIES)

- Designed and manufactured in India to save water resource conveniently
- An essential & dependable component in every household/ industry to save water
- Used in renowned establishments like complexes, Houses, Apartments, Food Processing Units, etc.
- A true Indian Product that Conforms to Green Building Standards
- Reduces Carbon Footprint & saves considerable amount of Operational Costs as compared to conventional flushing techniques

AUTOMATIC WATER LEVEL CONTROLLER



BP-PC-01| PC-03
Single Phase | Three Phase



220 V AC



Automatic Motor ON/OFF



Fully Automatic Pump
Controller



W130 X D110 X H200 mm

- Automatic control of motor ensures water lever is maintained in Tank
- Eliminates the chances of overflow when Water Tank is full
- Manual bypass mode provided to switch on/off the motor in case of emergency

MANUAL ON AUTOMATIC OFF WATER LEVEL CONTROLLER



BP-PC-04



220 V AC



Manually Motor ON /
Automatic OFF



Available in Single Phase



W130 X D110 X H200 mm

- Manually Switch ON the motor after confirming water presence at inlet
- Motor Switched off automatically when water level is full in the tank
- Eliminates the chances of overflow when Water Tank is full
- Ideal solution at sites where water supply is not continuous on motor

WIRELESS AUTOMATIC WATER LEVEL CONTROLLER



BP-PC-05



220 V AC



Automatic Motor ON/OFF



Wireless System



Signal Range upto 100 mtrs



No Cabling required



W150 X D50 X H150 mm

- One main motor unit & one transmitter unit for Over-head tank
- Easy to install as wiring is not needed
- Automatic control of motor ensures water lever is maintained in Tank
- Eliminates the chances of overflow when Water Tank is full

AUTOMATIC WATER LEVEL INDICATOR



BP-PC-02



220 V AC



Water Tank Full/Empty Alarm



Three Level Indicator



W65 X D45 X H100 mm

- Alarms when water level touches top level in the over-head tank
- Alarms when water level touches empty level in the over-head tank
- Live display of Water status in Tank through 3 LED's on front
- Push button to de-activate alarm sound before its duration

AUTOMATIC PROGRAMMABLE TIMER PUMP CONTROLLER

Coming soon in our portfolio....



AUTOMATIC LIGHT CONTROLS OCCUPANCY SENSORS & TWILIGHT SENSORS

- Occupancy Sensors are designed to detect human presencc and control indoor lights accordingly
- Energy Saving Device that saves substantial amount of money & electricity
- Twilight Switch controls outdoor lights by switching on at dusk & switching off at dawn automatically
- Saves considerable amount of energy by not allowing outdoor lights to remain on at daytime

■ **AUTOMATIC** LIGHT CONTROL SYSTEM/OCCUPANCY SENSORS



BP-LC-01
(Wall Mounted)

- ⚡ 220 V AC
- ⚡ Load of 800 W Incandescent Bulb
- 🕒 OFF Delay- 10 Sec to 240 Sec adjustable
- 📏 Sensing Range 14 Mtrs

- Automatic Switching of Indoor lights by Intelligent monitoring of Indoor spaces for human presence.
- Efficient energy saving device essential for public places like Offices, Malls, Schools, Colleges, Hospitals, Hotels, etc



BP-LC-02
(Celing Mounted)

- ⚡ 220 V AC
- ⚡ Load of 800 W Incandescent Bulb
- 🕒 OFF Delay- 30 Sec to 300 Sec adjustable
- 📏 Sensing Range 10 Mtrs

- Automatic Switching of Indoor lights by Intelligent monitoring of Indoor spaces for human presence.
- Efficient energy saving device essential for public places like Offices, Malls, Schools, Colleges, Hospitals, Hotels, etc

■ **TWILIGHT SWITCH** (NATURE SWITCH a.k.a. Ambient Light Sensor)



BP-TS-106

- ⚡ 220 V AC
- ⚡ Load Rating 6 Amp

- Polycarbonate ABS enclosure
- Automatic Switching of Outdoor lights at dusk & dawn by detection of ambient lux level
- Efficient energy saving device essential for public places like Offices, Malls, Schools, Colleges, Hospitals, Hotels, etc



BP-TS-116

- ⚡ 220 V AC
- ⚡ Load Rating 16 Amp

- Power coated M.S. enclosure
- Automatic Switching of Outdoor lights at dusk & dawn by detection of ambient lux level
- Efficient energy saving device essential for public places like Offices, Malls, Schools, Colleges, Hospitals, Hotels, etc

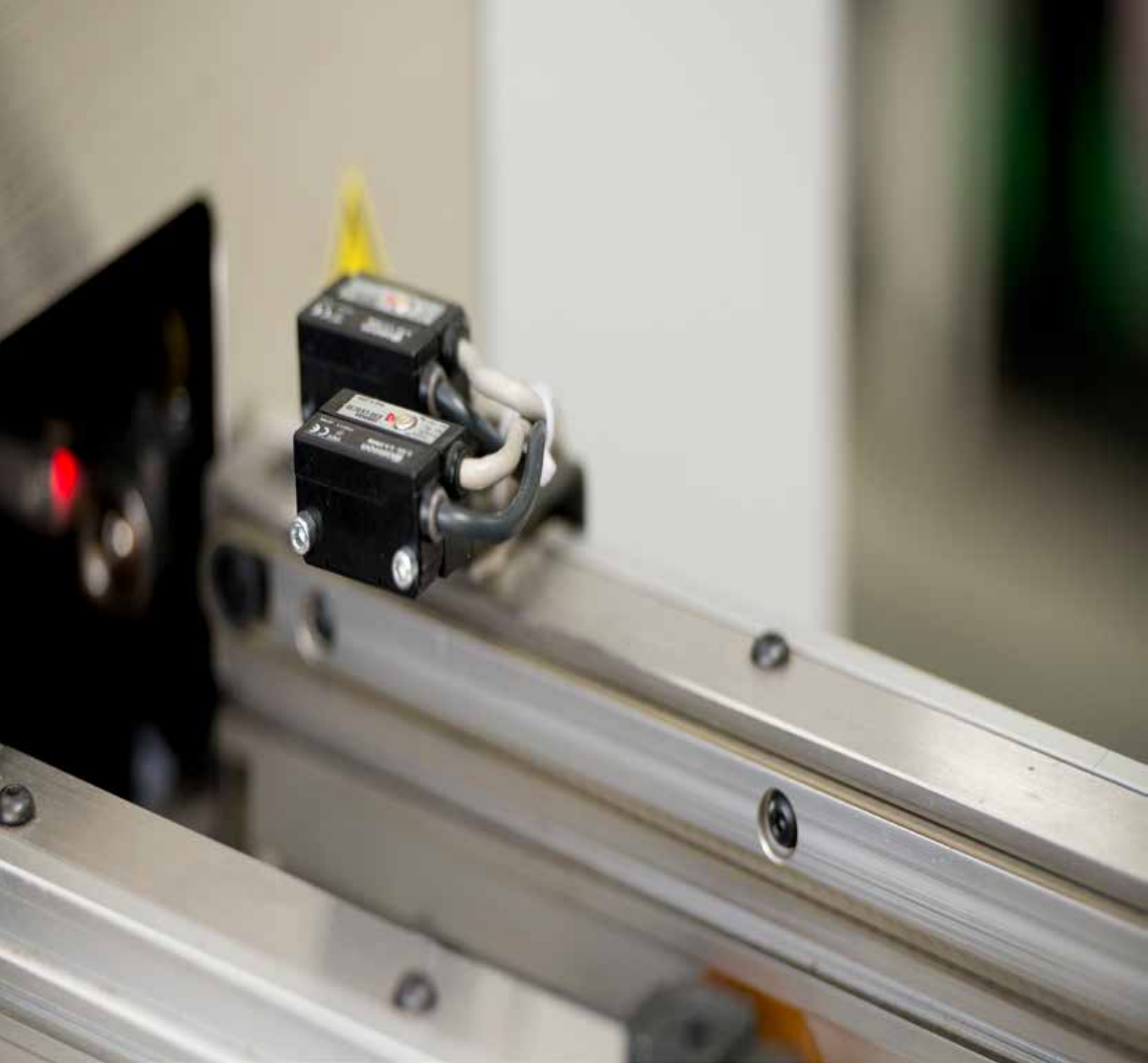


PHOTO ELECTRIC SENSORS

- Since 1983 we have a separate vertical that caters to the automation needs of Industrial Sector
- We are proud that our Infra Red Photo Electric Sensors are renowned worldwide for Industrial Applications like Object Sensing, Object Counting, Object Alignment, Process Automation, Security, Safety, etc.
- Our Multiple Beam IR Photoelectric Safety Guards have become a synonym of trust amongst the industry for worker's safety in Hydraulic Power Press as thousands of units are running successfully since decades
- Being a Technical Design House, we are open to designing & development of any sensor based application for Industrial purpose as our IR sensors create a plethora of endless possibilities to automate any kind of processes

PHOTO ELECTRIC CONTROLS FOR INDUSTRIAL APPLICATIONS

BP-PC-10M



- ⚡ 220 V AC
- ⚡ 6 Amp
- 📋 With Indicator
- 🕒 Dark ON

- 2 Sec Adj. Relay On Delay
- 2.5 Mtr Alignment
- Metal body with PR1 set

BP-PC-10S



- ⚡ 220 V AC
- ⚡ 6 Amp
- 📋 With Indicator
- 🕒 Dark ON

- 2 Sec Adj. Relay On Delay
- 2.5 Mtr Alignment
- Metal body with PR4I set

BP-PC-11S



- ⚡ 220 V AC
- ⚡ 6 Amp
- 📋 With Indicator
- 🕒 Dark ON

- Instant Action
- 2.5 Mtr Alignment
- Metal body with PR4I set

BP-PC-11M



- ⚡ 220 V AC
- ⚡ 6 Amp
- 📋 With Indicator
- 🕒 Dark ON

- Instant Action
- 2.5 Mtr Alignment
- Metal body with PR1 set

BP-PC112B/113B



- ⚡ 220 V AC
- ⚡ 6 Amp
- 📋 With Indicator
- 🕒 Dark ON

- Instant Action
- 2.5 Mtr Alignment
- 2 Beam/3 Beam/4 Beam

IR PROXIMITY SWITCHES



Diffused Reflective Detectors

- 18mm dia x 82mm, 25mm /100mm range for white object, 100/sec, 3 core cable 1mtr.

INFRA-RED BARRIERS (PHOTOELECTRIC SAFETY GUARDS)



- Robust and cost effective
- Dependable in continuous use
- Upto 24 invisible IR beams available
- Humidity, Dust, Vibration resistant sensors.
- Total security/protection in the area.

When projectors and receivers are aligned, an invisible light curtain is formed by the infra-red beams in the covered area. The relay in the main control unit normally remains OFF . Interruption in any of the IR beams instantly triggers the relay in main control unit. This detection can be timed only for risky fraction of the operating cycle of machines.

Price on request

U TYPE DETECTERS (SLOT DETECTERS)

BP-PC-16 Series



- 50x45x15mm plastic body, gap 25x20 mm

BP-PC-15 Series



- 100x75x26mm plastic body, gap 50x45 mm



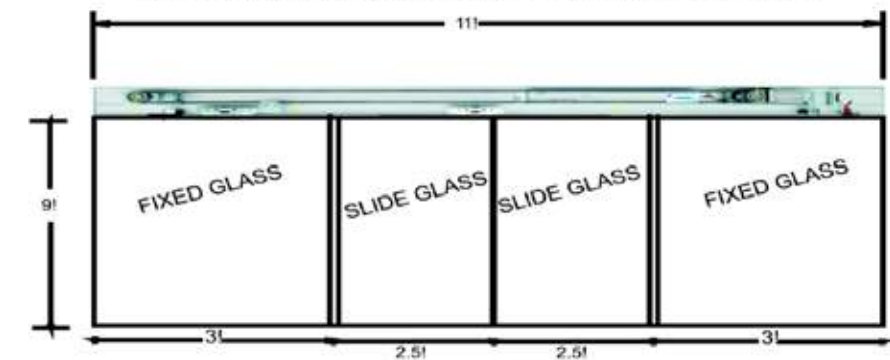
AUTOMATIC SLIDING DOOR SYSTEM

- Automatic opening and closing of your sliding door provides convenience, hygiene & elegance in daily usage and is absolutely hassle-free and labour saving.
- The system of using the double door locked each other eliminates the better air spilling out, avoids the crossed infection, reaches to the requirement of the airproof and has the best effect of sound insulation for the privacy you need.
- The system is designed using the novel construction design, applying the new material, which avoids bringing out resonance conduction in the running of the door bodies, and ensures maintaining a silent environment.

AUTOMATIC SLIDING DOOR SYSTEM

- The BPE powerful automatic door system is controlled by the intelligent microcomputer which optimize all the operating functions that ensures maintenance of best performance every time the system is in use.
- The set has optional safety sensor that avoids hurting person. It automatically senses the presence of any object between the doors and halts the closing until the object is present. The optional motor electronic lock function ensures the advanced safety guard to protect your premises from thefts.
- The exceeding powerful DC non-brush has dynamo of low-yawn, large power and long life. The robust driver equipment ensure running of door body more steadily & reliably.
- Automatic opening and closing of your sliding door provides convenience, hygiene & elegance in daily usage and is absolutely hassle-free and labour saving.

INSTALLATION LAYOUT OF BPE AUTOMATIC SLIDING DOOR



BPE MICRO - COMPUTER CONTROLLED SENSOR OPERATED SLIDING SYSTEM FOR UPTO 200 KG SINGLE DOOR AND 150 KG X 2 DOUBLE DOORS - DC 12 V 35 W BRUSH LESS MOTOR DRIVEN CHANNEL ALONGWITH TWO MICROWAVE SENSORS



- 1. Micro-computer control system
- 2. DC brushless motor
- 3. All purpose hanging bridge
- 4. Guide way shell
- 5. Strap tension pulley parts
- 6. Synchro belt

- Current Voltage: AC 220V, 50-60Hz
- Opening Speed: 250~550 mm/s (Adjustable)
- Open Time: 2-20s (Adjustable)
- Lock in force: >100N

- Closing Speed: 250~550 mm/s (Adjustable)
- Showing Speed: 30~100 mm/s (Adjustable)
- Artificial Pushing Power: <60N
- Whole consuming power: <150W

PARTS



Micro Controller
Computer



Motor



All Purpose Hanging
Bridge



Door Clips & Bottom
Guide



Microwave Sensor
(24 Ghz)



Microwave Sensor
(10 Ghz)

Some of Our Privileged Clients

 IndianOil				 दिल्ली मेट्रो रेल कॉर्पोरेशन लिमिटेड Delhi Metro Rail Corporation Limited
 HAVELLS		 AXIS BANK		 asianpaints
 MARUTI SUZUKI		 भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA	 Nestlé	 FLF FUTURE FASHIONS
 TATA CONSULTANCY SERVICES		 COUNTRY INNS & SUITES BY CARLSON		 RAMADA PLAZA
 DS GROUP	 DELHI INDIRA GANDHI INTERNATIONAL AIRPORT		 MOOLCHAND health • happiness • life	 MAX HEALTHCARE
 JK LAKSHMIPAT UNIVERSITY ज्ञानम् अमृतम्		 Quess	 Sir Ganga Ram Hospital	 SOHAR ALUMINIUM
 MAS ACTIVE ASIALINE		 एनटीपीसी NTPC	 Shangri-La hotel	

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