MEFE
MITCHELL ENGINEERING
FOOD EQUIPMENT PTY LTD

Installation Manual

AUTOMATIC SENSOR TAP

HOSPITAL SPOUT 32CM

WaterMark
WM - 022559
AS/NZS 3718

- CAT 6791032 – Chrome Plated
- CAT 6791032B – Matte Black
- CAT 6791032G – Gold Chrome Plated

The more stars the more water efficient
WATER RATING
www.waterrating.gov.au
4.5 litres per minute
In accordance with AS/NZS 6400
Licence No. 1718
Mitchell Engineering Food Equipment Pty Ltd

Revision 10

MEFE— Mitchell Engineering Food Equipment Pty Ltd
23 Storie Street Clontarf QLD 4019 Australia +61 (0)7 32834536
www.mefe.com.au info@mefe.com.au AU 1800 669 0006

Product Description

- With Micro- computer sensor control module, Low-consumption Micro-processor chip, stable features and strong Anti-interference function.
- Memorises adjusted sensor distance and stores into the electronic chip
- Option to use either 6 V battery pack and 240V Transformer (supplied)
- Sensor distance can be self- adjusted according to the environment.
- PCB electronic control module is double sealed and coated by high performance water proof membrane, then sealed with epoxy resin
- Faucet body is made from #59 solid brass with a superior electroplating to prevent corrosion and give a nice shiny finish
- Water saving aerator used in faucet, to prevent water splash and allow for a soft flow
- The faucet has been precisely manufactured and tested, to ensure the quality of the product reaches international standards

Technical Data

- Faucet spout material: solid brass with chrome finished
- Power supply: AC 240V or DC 6V (4pcs AA alkaline batteries)
- Battery life: 150,000 cycles
- Sensing range: 5cm to 22cm (automatic adjustable)
- Maximum Holding Temperature 40°C
- Maximum Operating Temperature 60°C
- Water pressure: Minimum necessary water pressure 0.07Mpa - 0.7Mpa
- Supply inlet size: BSP 1/2 (DN15), male thread
- Installation diameter: single hole (32mm)
- Response time: less than 0.7 second
- Water stop protection time: 60 second
- Water flow rate: When water pressure under 0.3 Mpa less than 3 L/S

Operation:

	The sensor tap will run when hands are detected. Tap will remain on for as long as hands are in range. The sensing range is automatically callibrated when first powered
	The tap will automatically switch off when hands are removed, to reactivate flow simply place hands under sensor
	The tap has a safety feature that will automatically switch off after more than 30 secods of flow. to reactivate simply remove and re-apply hands. The tap is fale to safe ,will switch off if no batteries, normally off

Attention:

When the user uses the faucet for more than 60 seconds, or faucet is activated for a long period, the solenoid valve will close automatically, until the user steps away from the sensor. Sensor will reset for normal use.

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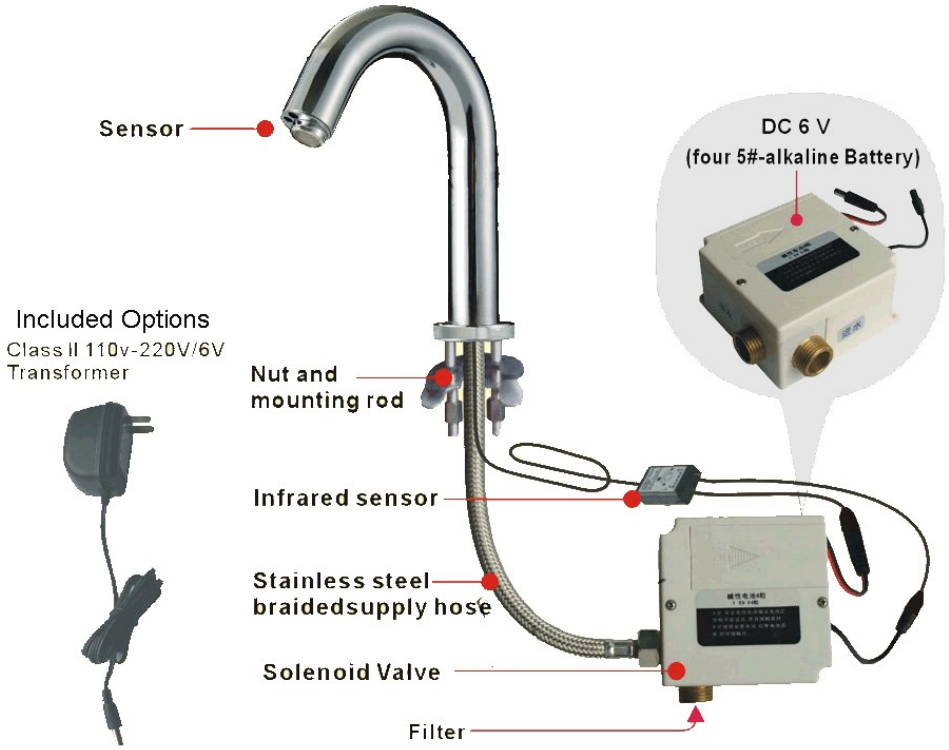
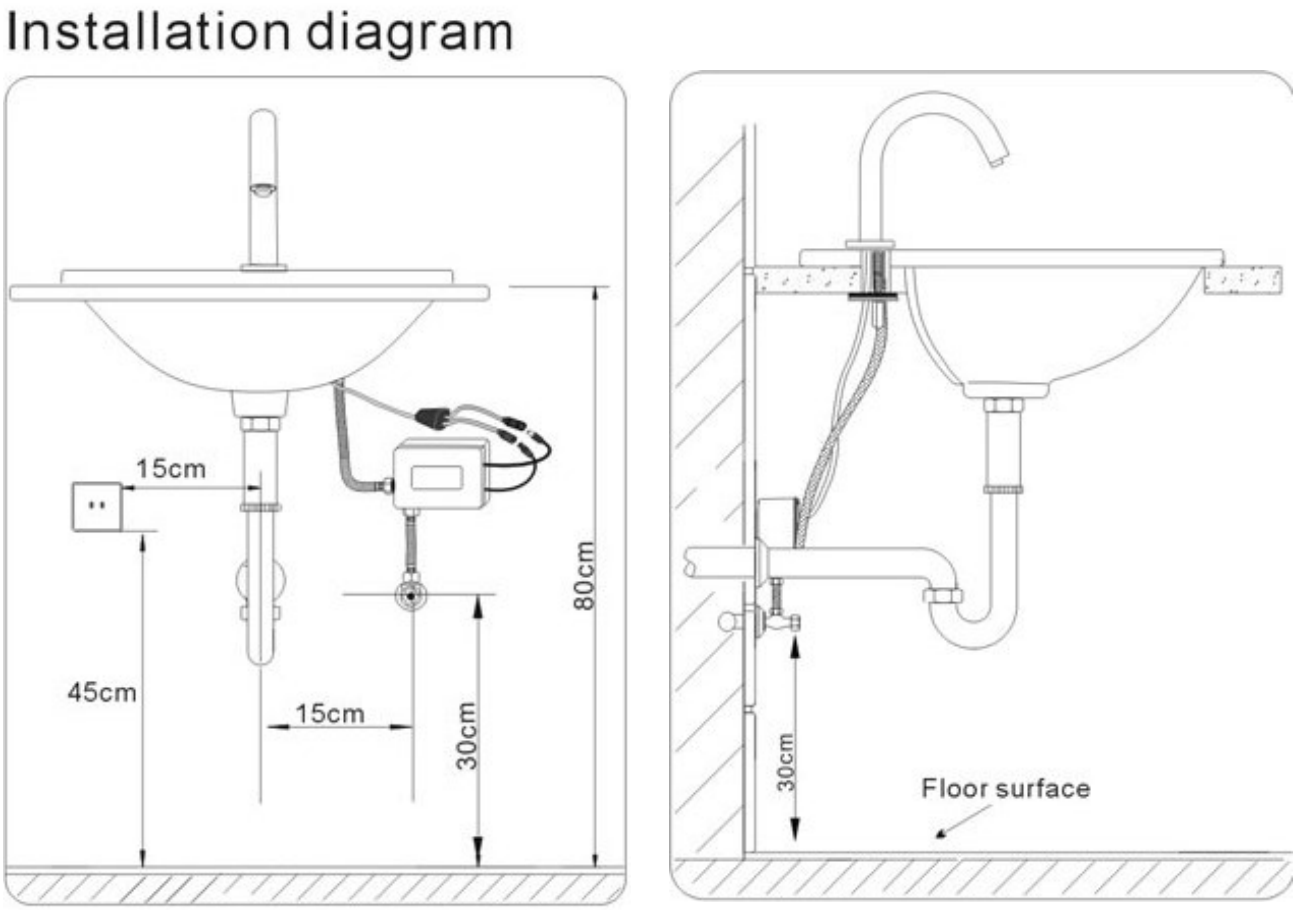
Faucet Rough-In



Installation Dimensions



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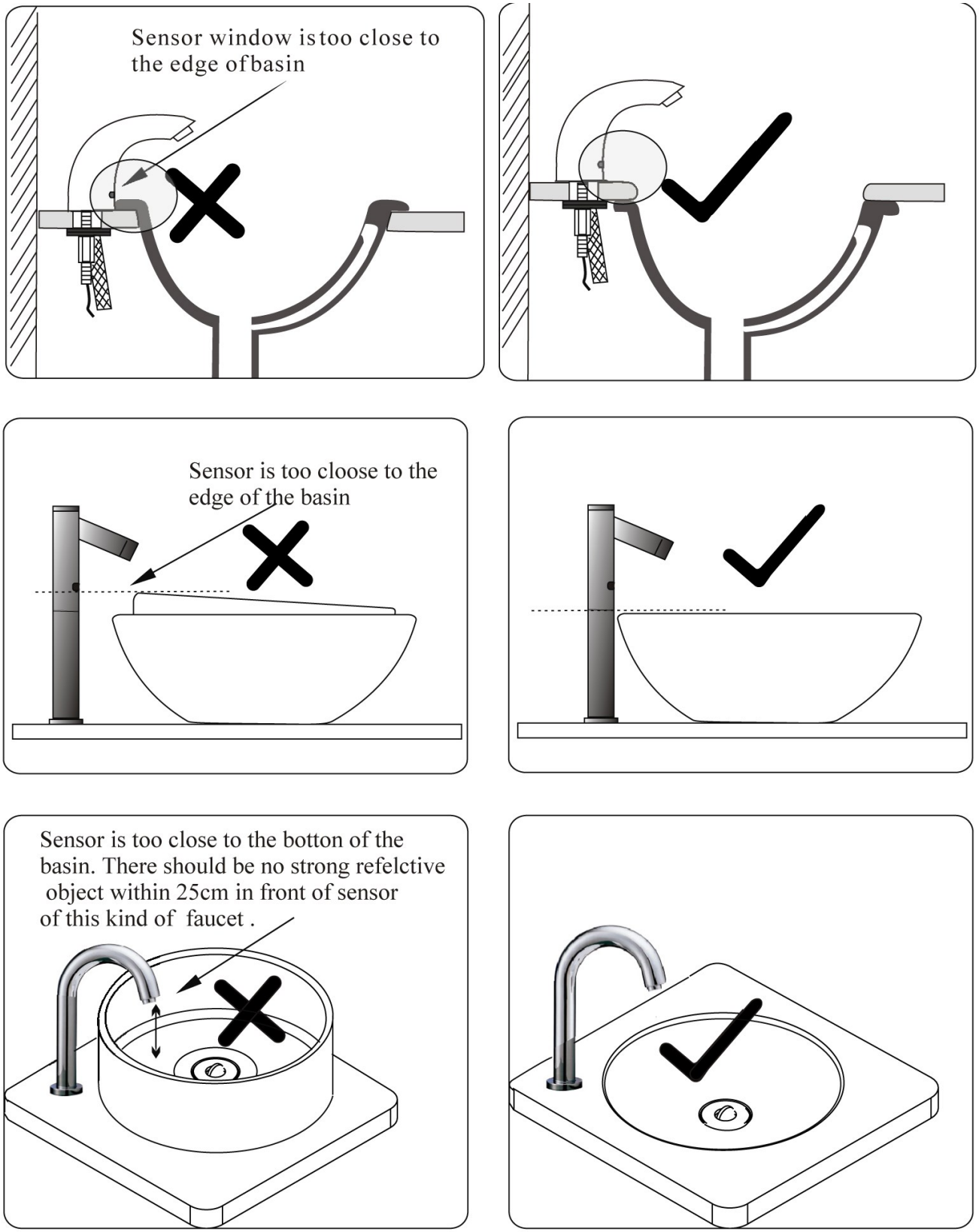
Prior to Installation

Please choose the right basin prior to installation

Warning: Sensor of the faucet must be higher than the basin or lavatory. Minimum of 15mm.



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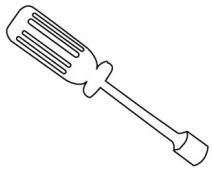
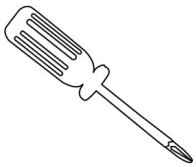
Prior to installing faucet, prepare the items listed below.

a. Please choose the right basin before installation.
b. Water supply pipe and water-proof socket (for electricity type).
c. Hot/Cold water inlet flexible hose with 1/2 inch BSP nut on both ends.
d. Ensure all pipes are cleared of any dirt before installation.

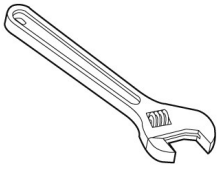
e. Installation shall be in accordance with AS/NZS3500 series of Standards.



a. 12 mm socket screw driver.



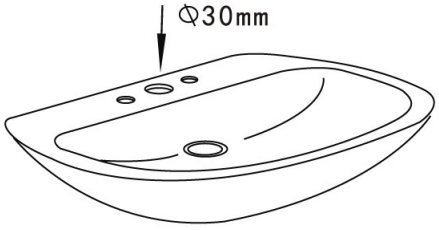
b. Philips head screw driver.



c. Shifter Spanner.

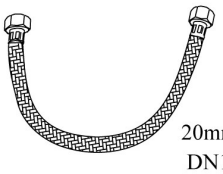
If install the faucet on the sink with three (3) connection holes, make sure themiddle diameter is bigger than 30 mm. The two (2) holes besides can be covered with long trim plate to keep it nice appearance and waterproof. Long strip ornament cover should be solely Optional Accessory.

Long strip ornament cover



Hand basin with three(3) connection holes

- Supply stops and 20mm flex hose with DN 15 nut at both ends
- Water pipes and waterproof electricity mains (for AC type)
- If you need to adjust water temperature, please purchase cold and hot supply mixer and 2 extra 20mm flex hose with DN15 nut at both ends.
- Flush all pipe lines until water is clear before connecting.



20mm flex hose with DN15 nut at boh ends

CAT 67M

Mixer T-Piece

Not supplied with tap ware, to be purchased

PLEASE NOTE

Once faucet has been installed, please stick one of the coloured dots provided on to the head of the faucet to allow the user to identify if water will flow cold or hot.

RED DOT—HOT WATER

BLUE DOT—COLD WATER

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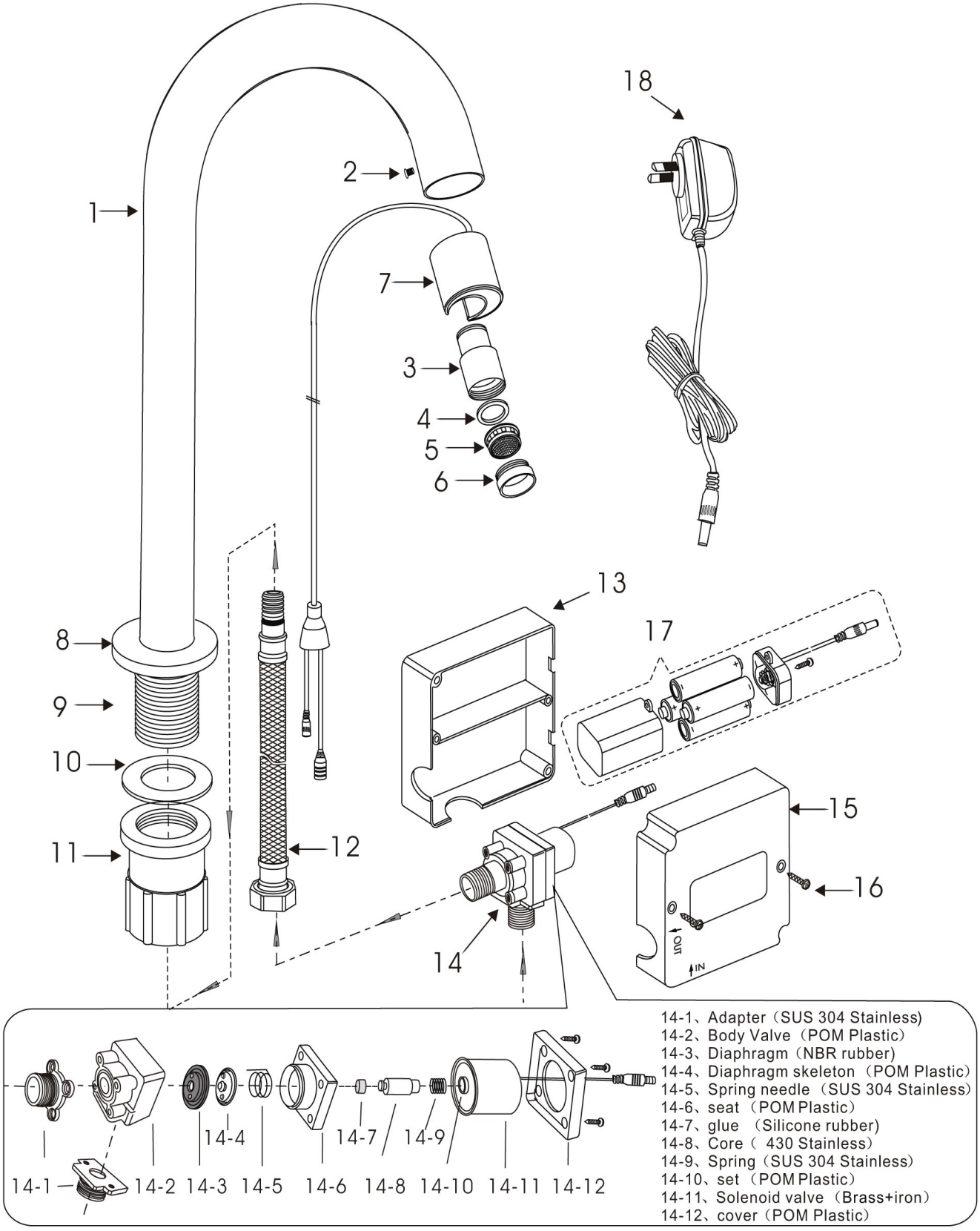
Cat 6791032 Automatic Faucets Exploded View



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For Black Tap add *B to end of PART #

ITEM	PART#	DESCRIP-TION	MATERIAL	ITEM	PART#	DESCRIP-TION	MATERIAL
1.	**679-103-200**	Faucet Body	Brass CW602N	10.	**679-109**	Mat	NBR Rubber
2.	**673-045**	Screw	**SUS 304 S/ Steel**	11.	**679-110**	Copper Nut	POM Plastic + Brass
3.	**673-054C**	Spout Adapter	**Brass CW602N**	12.	**673-058**	S/Steel Braided Hose	**SUS 304 Stainless-WMKA21505**
4.	**673-054B**	Rubber Mat	NBR Rubber	13.	**679-120**	Housing	ABS Plastic
5.	**673-054**	Aerator	POM Plastic WMKA21177	14.	**679-122**	Solenoid Valve	**POM + 304 S/Steel**
6.	**673-054A**	Spout Shell	**Brass CW602N**	15.	**679-120**	Housing	ABS Plastic
7.	**679-106**	Sensor	Electronic Hardware	16.	**679-127**	Screw	**SUS 304 S/Steel**
8.	**679-107**	Cover	Brass	17.	**679-121**	Battery Box	Abs Plastic
9.	**679-108**	S/steel Bolt	**SUS 304 S/ Steel**	18.	**679-128**	Power Adaptor	Electronic Hardware

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