

# USER MANUAL

## COLUMN JUNIOR

Prod. no. 3492/3493/3494 - with adapter

Prod. no. 3496/3497/3498 - with batteries





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**IMPORTANT!**  
This product falls within the scope of the WEEE directive on recycling and recovery of waste electrical and electronic equipment.

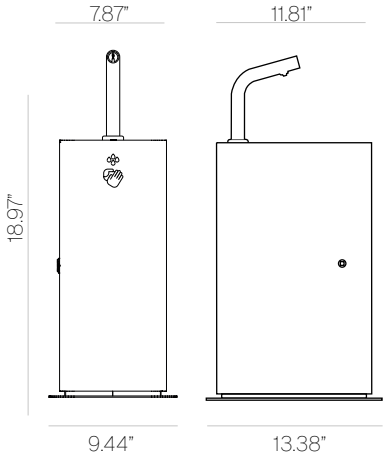


- This product should not be disposed of with general household waste
- This product must be reused if possible
- Contact your local authority for further details
- This product may also be returned to the manufacturer/retailer for proper treatment, recovery, and recycling



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Dimensions / unit of measurement: inch



TECHNICAL SPECIFICATIONS

| DESCRIPTION               | DATA                                                                                                                                             |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                  | Steel                                                                                                                                            |
| Voltage (adapter version) | 6V DC, 230VAC/6VDC adapter included                                                                                                              |
| Voltage (battery version) | 6V DC, battery box (included) for 4x D-type LR20 batteries (not included)                                                                        |
| Sensor type               | Infrared, self adjusting                                                                                                                         |
| Sensor range              | Preset at 3.93"                                                                                                                                  |
| Dosage amount             | 1-1.2 ml (4100-5000 activations / 5 litre bottle)                                                                                                |
| Pump life                 | 100,000 activations                                                                                                                              |
| Mechanism life            | 500,000 activations                                                                                                                              |
| Bottle                    | 5 L                                                                                                                                              |
| Net weight                | 24.46 lb                                                                                                                                         |
| Gross weight              | 29.76 lb                                                                                                                                         |
| Model with adapter        | 3492, white powder coated stainless steel<br>3493, black powder coated stainless steel<br>3494, classic RAL colour powder coated stainless steel |
| Model with batteries      | 3496, white powder coated stainless steel<br>3497, black powder coated stainless steel<br>3498, classic RAL colour powder coated stainless steel |

## GENERAL SAFETY INFORMATION

### WARNING

- Turn off the power to the unit before servicing or cleaning
- Never make alterations to the product
- Never insert objects into any opening in the product
- The product is not intended for playing purposes
- Cleaning and maintenance only by qualified persons
- The product may only be used for the applications described in this manual
- Do not use any accessories not recommended by the manufacturer
- The product should be checked on a regular basis. Never use a defective or malfunctioning unit
- Never make alterations to the product affecting its performance. DAN DRYER's product warranty does not cover product problems that result from misuse or alteration

### NOTE

If the power cord is damaged, it must be replaced immediately. Disconnect the electricity supply cord according to instructions.

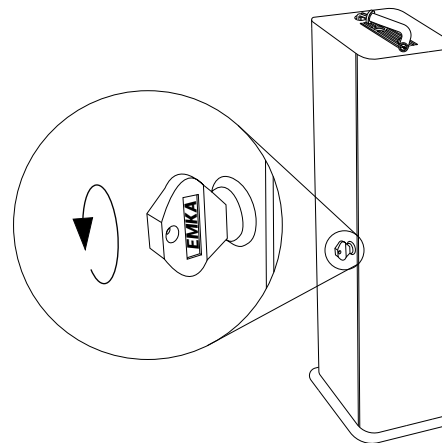
This product is not intended for use by persons (inclusive children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised or have been given instructions concerning use of the product by a person responsible for their safety.

Children should be supervised to ensure this product is used correctly.

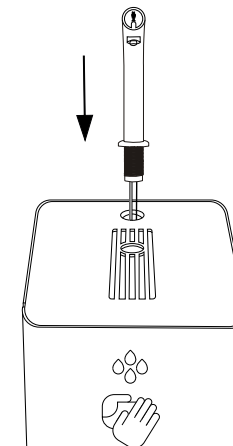
## INSTALLATION

- Make sure the main breaker is turned off. Installation must be carried out by a qualified person in accordance with applicable standards in the country concerned

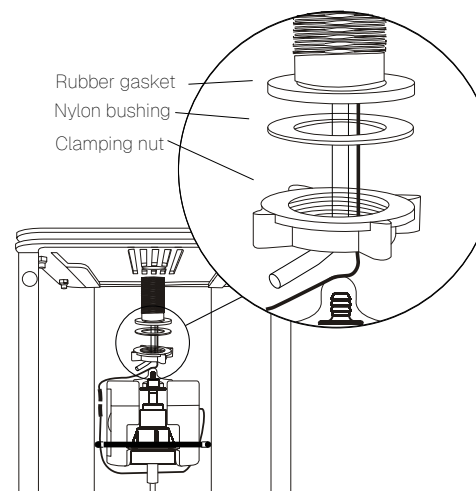
1) Use the special key supplied to open the door.



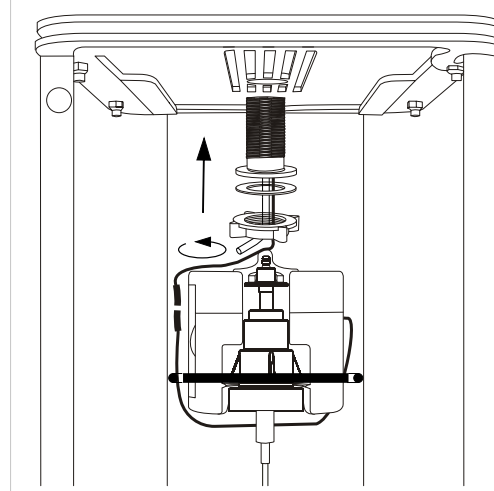
2) Pull wire, plastic tube, and faucet coupling through the hole in the top plate.



3) Pull tube and wire through the rubber gasket, nylon bushing, and clamping nut.

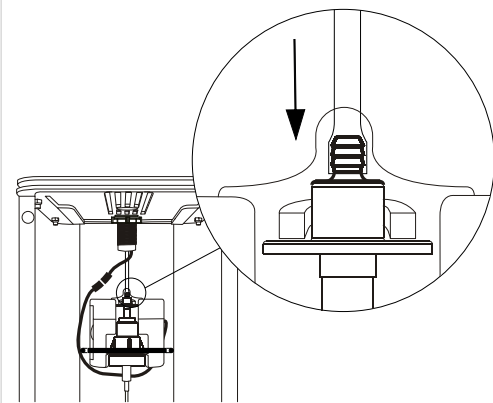


4) Place faucet in the centre before tightening the nut. Do not use any tools.

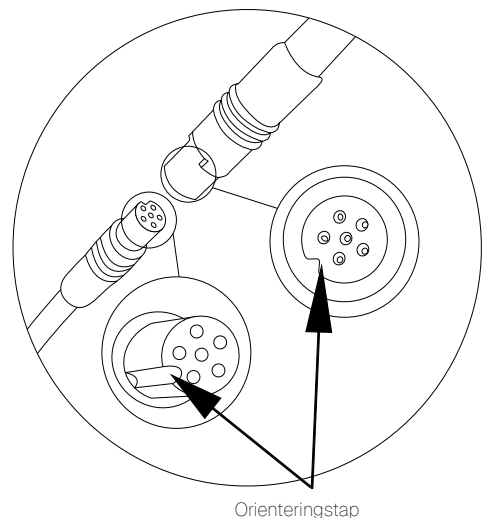


## INSTALLATION

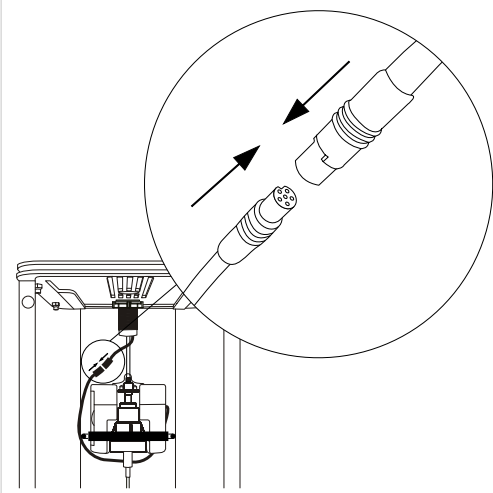
- 5) Attach the transparent plastic hose to the pump nozzle piece.



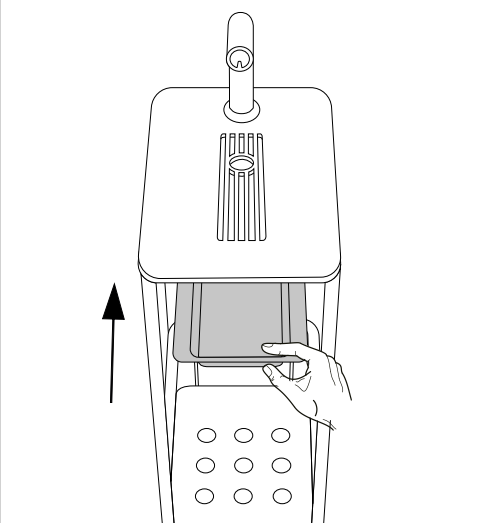
- 6) Pay attention to power plug orientation pin.



- 7) Connect the plugs on the wires between faucet and control box.



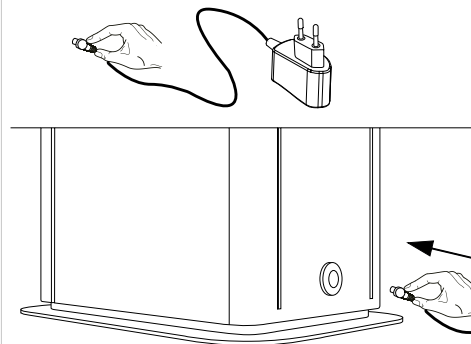
- 8) Insert drip tray in the support rails, lengthwise, under the top plate.



## INSTALLATION

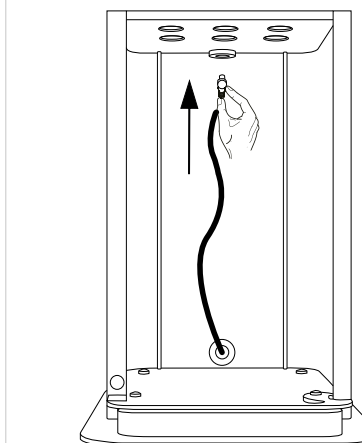
ADAPTER (MODEL 3492-3494)

- 9, 1A) Connection with adapter. Push cable through the cable lead-in at the bottom of COLUMN.



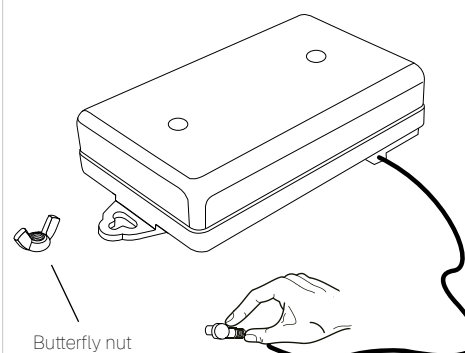
ADAPTER (MODEL 3492-3494)

- 9, 2A) Push cable further upward and through the 'rack'.



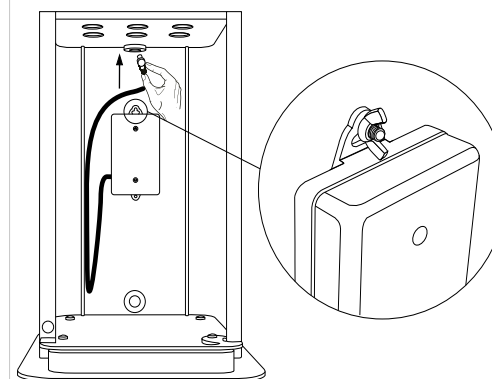
BATTERY (MODEL 3496-3498)

- 9, 1B) Connect to external battery box. Install battery box on backplate bracket in the lower storage space. Tighten using the butterfly nut.



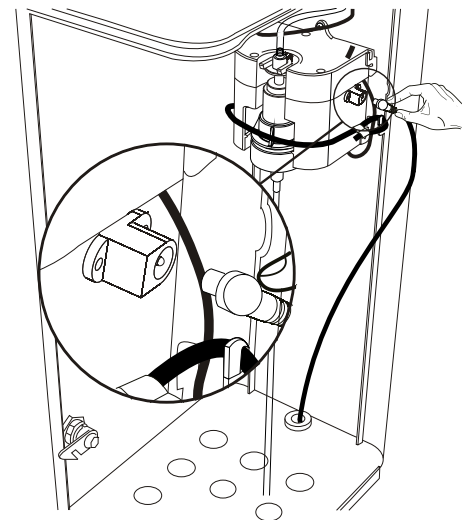
BATTERY (MODEL 3496-3148)

- 9, 2B) Push cable through the rack via the cable lead-in.

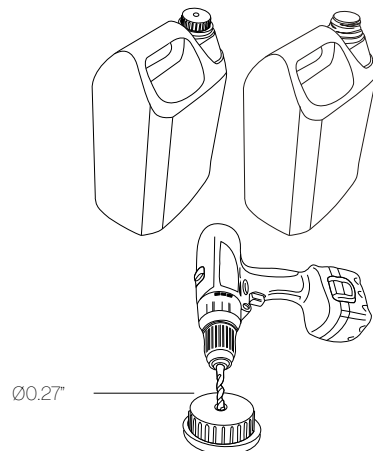


## INSTALLATION

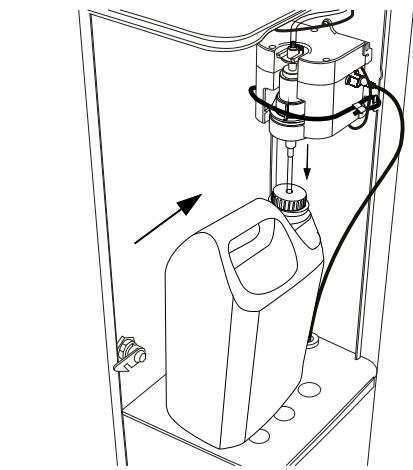
- 10) Power connection to box. Connect plug to the control box.



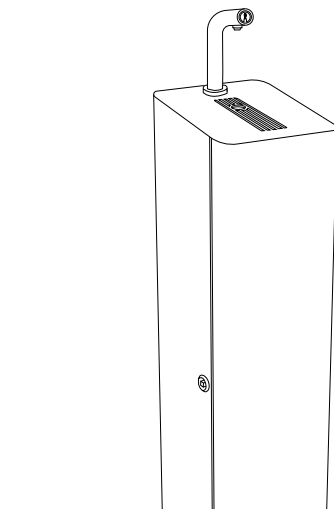
- 11) Take off 5 litre bottle screw lid. We recommend you drill a  $\varnothing 0.27''$  hole for the hose. Or remove the lid completely.



- 12) Place the 5 litre bottle on the rack. Insert the tube through the hole in the lid and into the bottle.

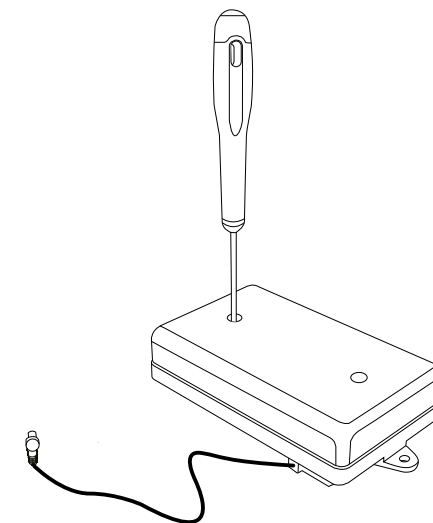


- 13) Close front cover and the unit is ready for use.

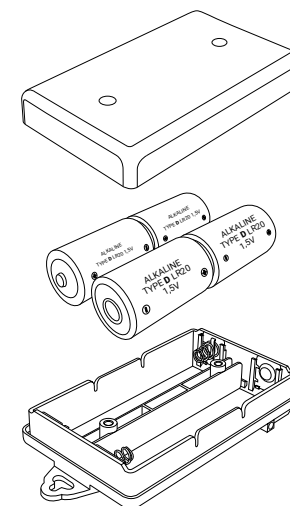


## REPLACEMENT OF BATTERIES AND PUMP

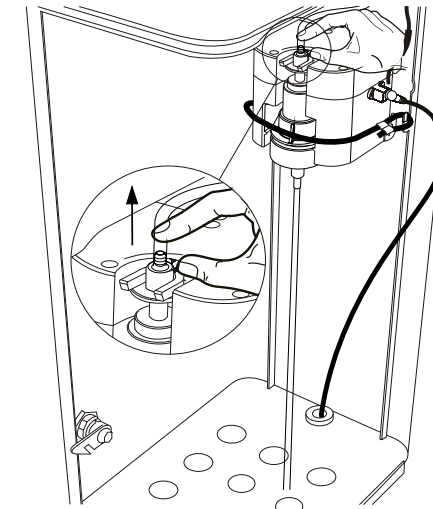
- 14) Open the battery pack with a screwdriver PH2.



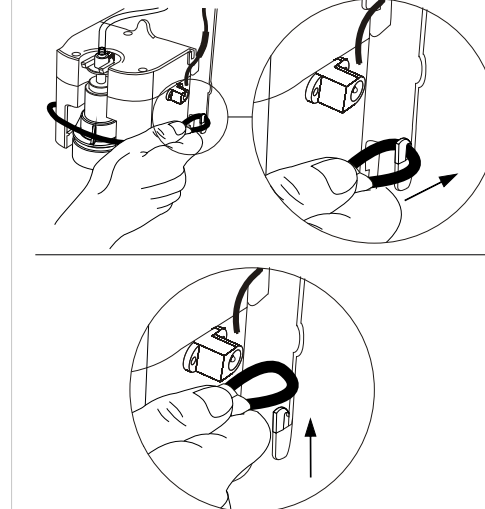
- 15) Replace (4) D-batteries in the battery pack.



- 16) Replacement of pump unit. Remove tube from pump unit.



- 17) Detach clip from hooks as shown.





REPLACEMENT OF BATTERIES AND PUMP

18) Remove existing pump unit.

19) Insert new pump. Make sure the pump guideways fit those of the control box. See illustrations.

20) Attach the clip on the hooks as shown.

21) Attach tube to the new pump unit.

PRODUCT APPLICATION

- Place hands approx 0.78”- 4.72” under the sensor to activate the dispenser.
- The dispenser will release 1-1.2 ml. disinfectant gel
- Move hands away after disinfectant release
- Stops automatically when hands are moved away

IMPORTANT

- Ensure easy access to cleaning and maintenance of the product
- Do not bend the plastic tube too sharp. It will cause reduced dosage or total block total blockage in ture
- Ensure the unit is placed on a firm and stable base

LIGHT INDICATOR (ADAPTER)

|                       |                              |
|-----------------------|------------------------------|
| Standby               | Red light                    |
| Active                | Green light                  |
| Obstruction of sensor | Flashing green and red light |

LIGHT INDICATOR (BATTERIES)

|                       |                              |
|-----------------------|------------------------------|
| Standby               | No light                     |
| Active                | Green light                  |
| Obstruction of sensor | Flashing green and red light |

## CLEANING AND MAINTENANCE

Routine cleaning and maintenance is recommended.

### REPLACEMENT OF DISINFECTANT BOTTLE

- Use the key supplied to open the door
- Remove empty bottle from the rack
- Replace with new bottle
- Insert pump tube into the bottle
- Close the door

### CLEANING AND MAINTENANCE OF CONTROL BOX

- Cut the power
- Remove any dust and dirt
- Do not rinse with running water
- Use a damp cloth and mild cleaning solution. Never use cleaning detergents with an abrasive effect

### CLEANING AND MAINTENANCE OF TAP/SENSOR

- Do not rinse with running water
- Use a damp cloth and mild cleaning solution. Never use cleaning detergents with an abrasive effect
- Clean sensor for dust and dirt to prevent unintentional activation

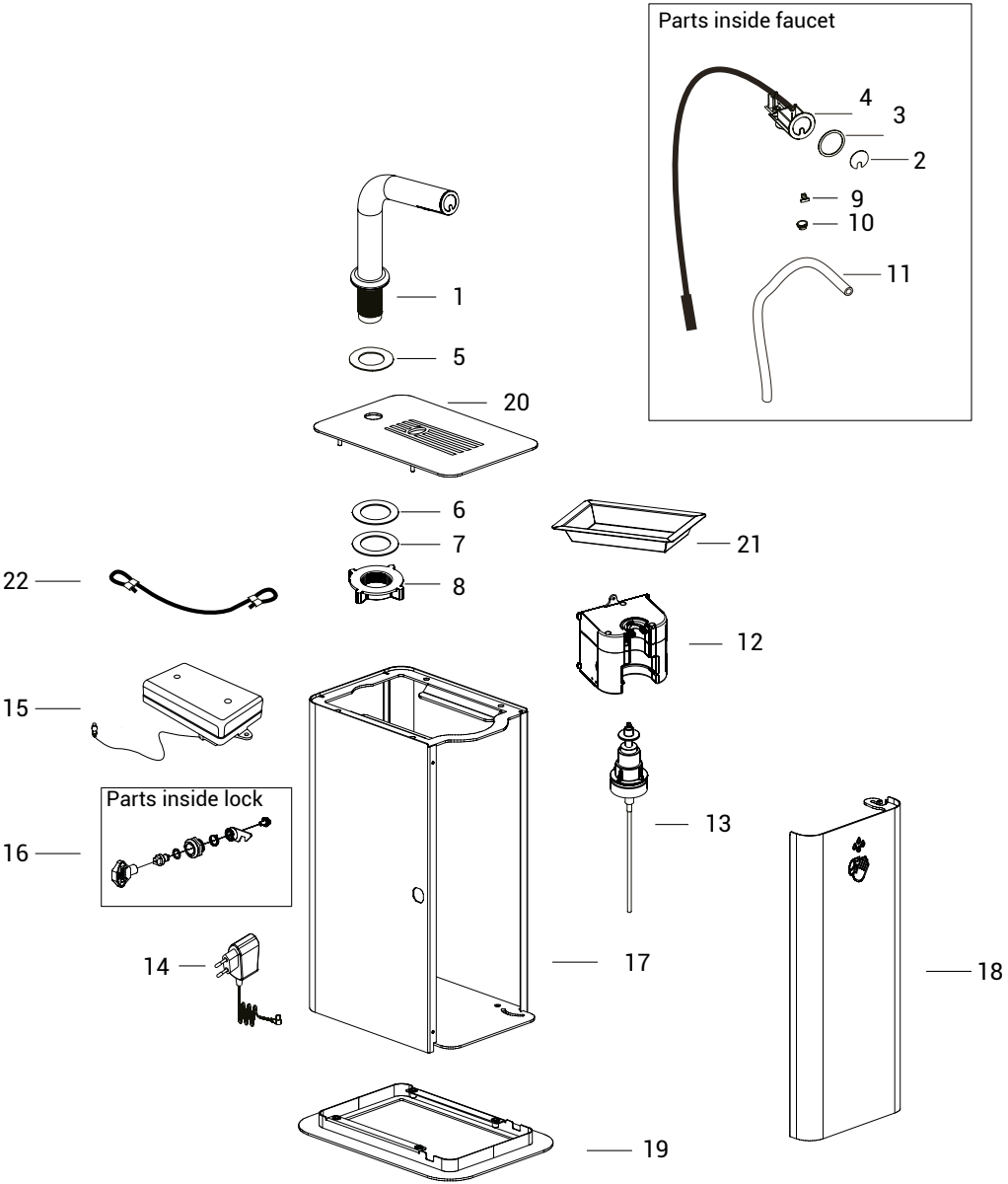
## TROUBLESHOOTING AND CORRECTIVE ACTIONS

| SYMPTOM                                 | POTENTIAL CAUSE                              | CORRECTIVE ACTION                                                                                                                     |
|-----------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| No disinfectant is delivered            | Low supply                                   | Refill the disinfectant bottle                                                                                                        |
|                                         | Sensor window is dirty                       | Clean the sensor window                                                                                                               |
|                                         | Obstruction in front of the sensor window    | Remove the obstruction                                                                                                                |
|                                         | Damaged sensor                               | Contact DAN DRYER for advice                                                                                                          |
|                                         | Tube disconnected from pump                  | If the end of the tube is damaged, please remove the damaged part. The undamaged tube is to be mounted on the nozzle exit of the pump |
|                                         | Sensor cabling disconnected from control box | Check that the cable from the faucet is installed correctly in the control box                                                        |
|                                         | Power supply has been disconnected           | Check that the cable from the adapter or the external battery box is installed correctly in the control box (see page 7)              |
| The dispenser activates unintentionally | AC/DC adapter not connected                  | Check that the AC/DC adapter is plugged into the wall and is getting power                                                            |
|                                         | Sensor window is dirty                       | Clean the sensor window                                                                                                               |
|                                         | Obstruction in front of the sensor window    | Remove the obstruction                                                                                                                |
|                                         | Damaged sensor                               | Contact DAN DRYER for advice                                                                                                          |



PARTS LIST

| No. | Description                     |
|-----|---------------------------------|
| 1   | Faucet complete                 |
| 2   | End piece                       |
| 3   | Rubber ring                     |
| 4   | Holder for LED print and sensor |
| 5   | Rubber gasket (top)             |
| 6   | Rubber gasket (bottom)          |
| 7   | Nylon bushing                   |
| 8   | Clamping nut                    |
| 9   | Tube/nozzle connecting part     |
| 10  | Nozzle for disinfectant         |
| 11  | Tube 27.55" mm                  |
| 12  | Control box (DC)                |
| 13  | Pump for disinfectant           |
| 14  | AC/DC adapter                   |
| 15  | External battery box            |
| 16  | Lock complete                   |
| 17  | Housing                         |
| 18  | Front cover                     |
| 19  | Mounting base                   |
| 20  | Top plate                       |
| 21  | Drip tray                       |
| 22  | Collar band                     |



## SPARE PARTS LIST / ADAPTER

| Pos. nr. | Art. nr. | Spare part                                      |
|----------|----------|-------------------------------------------------|
| 1        | 51753    | Faucet, complete                                |
| 2        | 51710    | End piece                                       |
| 3        | 51712    | Silicone ring                                   |
| 4        | 51714    | Holder for LED printed circuit board and sensor |
| 5        | 51716    | Rubber gasket (top)                             |
| 6        | 51718    | Rubber gasket (bottom)                          |
| 7        | 51720    | Nylon disc                                      |
| 8        | 51722    | Nut                                             |
| 10       | 51654    | Nozzle for disinfectant                         |
| 11       | 51653    | Hose 27.5"                                      |

| Pos. nr. | Art. nr. | Spare part                  |
|----------|----------|-----------------------------|
| 12       | 51754    | Control box (for adapter)   |
| 13       | 51752    | Pump and hose               |
| 14       | 10888    | AC/DC adapter EU            |
|          | 10889    | AC/DC adapter US            |
|          | 10894    | AC/DC adapter UK            |
|          | 10896    | AC/DC adapter AUS           |
| 16       | 28208    | Complete lock (silver)      |
|          | 28209    | Complete lock (black)       |
|          | 28202    | Square key, black polyamide |
| 21       | 31907    | Drip tray                   |
| 22       | 31920    | Clip                        |

NB: Please note, the position numbers in the above spare parts list refer to the numbers listed in the component overview in the installation manual.

## SPARE PARTS LIST / BATTERY

| Pos. nr. | Art. nr. | Spare part                                      |
|----------|----------|-------------------------------------------------|
| 1        | 51753    | Faucet, complete                                |
| 2        | 51710    | End piece                                       |
| 3        | 51712    | Silicone ring                                   |
| 4        | 51714    | Holder for LED printed circuit board and sensor |
| 5        | 51716    | Rubber gasket (top)                             |
| 6        | 51718    | Rubber gasket (bottom)                          |
| 7        | 51720    | Nylon disc                                      |
| 8        | 51722    | Nut                                             |
| 10       | 51654    | Nozzle for disinfectant                         |
| 11       | 51653    | Hose 27.5" mm                                   |

| Pos. nr. | Art. nr. | Spare part                  |
|----------|----------|-----------------------------|
| 12       | 51754    | Control box (for batteries) |
| 13       | 51752    | Pump and hose               |
| 15       | 51755    | External battery box        |
| 16       | 28208    | Complete lock (silver)      |
|          | 28209    | Complete lock (black)       |
|          | 28202    | Square key, black polyamide |
| 21       | 31907    | Drip tray                   |
| 22       | 31920    | Clip                        |

NB: Please note, the position numbers in the above spare parts list refer to the numbers listed in the component overview in the installation manual.



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