DYCONN

Product Features:
Modern design faucets
Water saving control
Lower power consumption
Intelligent sensor control
Stable & Reliable

Sensor Faucet Manual

Models: HF1H21-ORB (Sylvan), HF1H21-CHR (Trinidad), HF1H21-BN
HF1H22-CHR (Heath), HF1H22-BN (Lawa)
HF1H23-CHR (Nelson), HF1H23-BN (Peace), HF1H23-ORB (Snake)

HF1H21

HF1H22

HF1H23

For easy installation of your Dyconn Faucet product please do the following:
- Thorougly **read all** instruction before installing the enclosed faucet.
- **Read and observe** all warnings, care, and maintenance information.

OPERATION AND MAINTENANCE.

CAREFULLY READ THIS INSTRUCTION MANUAL BEFORE INSTALLATION AND USE

PLEASE KEEP THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE

Do not place or install the product under direct sunlight. Long exposure to sunlight may damage the product.
Do not place any reflective items (ie: mirrors) directly opposite of faucet sensor.
Do not submerge the device in water, this will cause permanent damage.

Product Description & Information

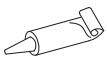
Features:

- Conserves water - Sensor responds within 0.5 seconds of an object's presence or lack thereof.
- Sanitation - Automatic sensor promotes hands-free, sanitary usage.
- Intelligent sensor - Faucet will automatically stop after running for 1 minute. Sensor will then reset after 10 seconds. In the case of a power outage or low water supply, faucet will stop working and cease all functions to prevent and/or minimize leakage.
- Low power consumption - Product uses 4 AAA batteries. Due to low power consumption, batteries should last for 2 years, or 300 cycles in a day.
- Stable & Reliable - All of our products undergo rigorous testing and several rounds of inspection.

Specification:

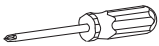
- Power Voltage: AC110 (60Hz) and DC (4 x AA batteries)
- Detection range: 12-18cm
- Water pressure: 0.05 - 0.6 MPa
- Water Temperature: 0 - 80°C

Tools you will need:



Plumber's putty

Pipe tape



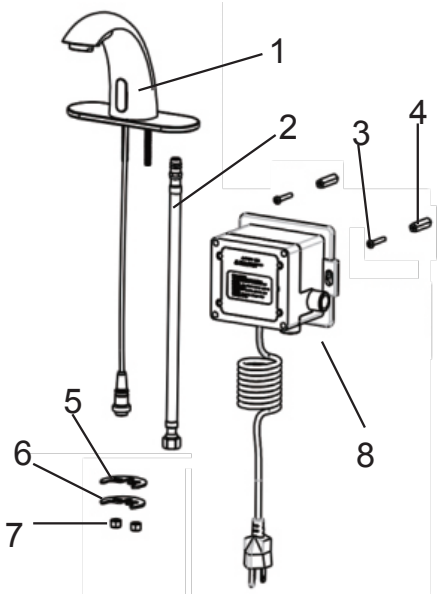
Philips Screwdriver

Pliers

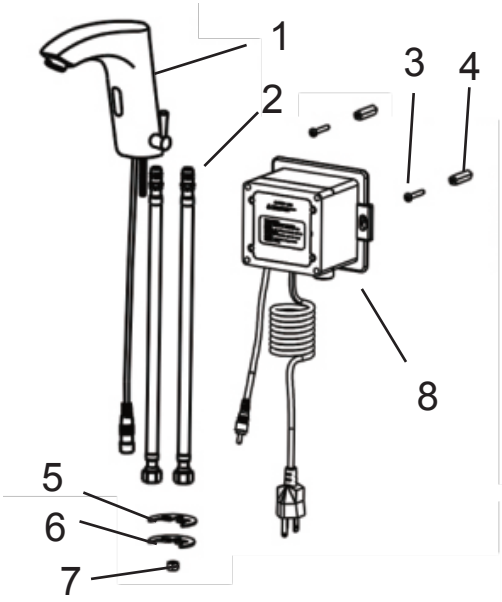
Adjustable wrench

Product Diagram and Parts

Single inlet faucet
Models: HF1H21-ORB (Sylvan), HF1H21-CHR (Trinidad), HF1H21-BN

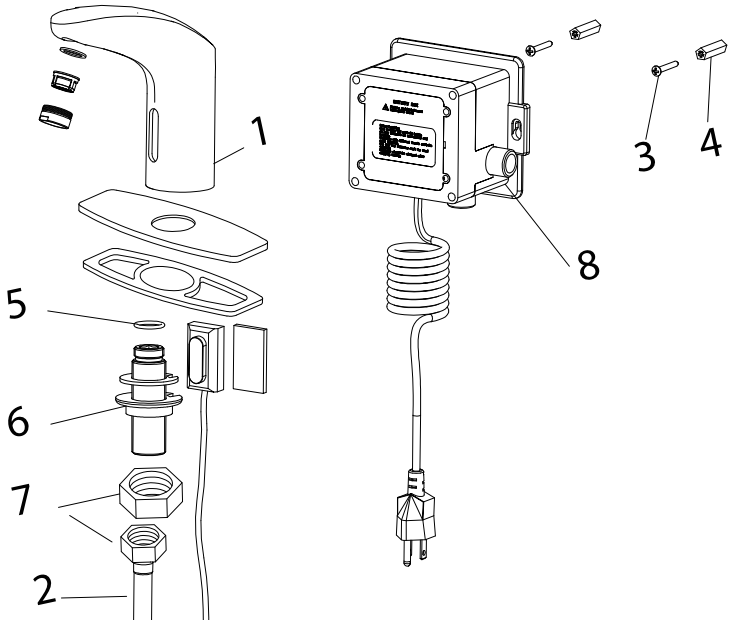


Hot & cold inlet faucet
Models: HF1H22-CHR (Heath), HF1H22-BN (Lawa)



Product Diagram and Parts

Single inlet faucet
Models: HF1H23-CHR (Nelson), HF1H23-BN (Peace), HF1H23-ORB (Snake)



1. Sensor faucet body
2. braided hose
3. Self-tapping screw
4. Plastic sleeve
5. Rubber gasket
6. Stainless steel gasket
7. Nut
8. Control box

Battery installation

1. When the battery is running low, the sensor's light will flash every 2 to 3 sec.
2. Replace the battery by removing the cover and removing the old battery. Then, replace with new battery and place cover back on.

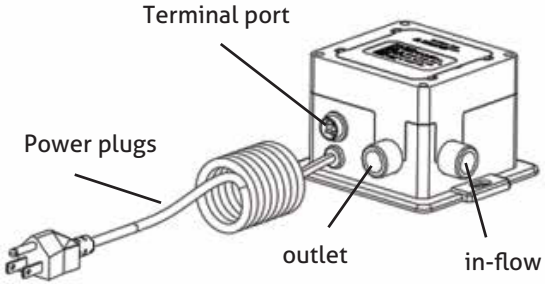
*** Main control unit can be powered by AC or battery alone.

Control box

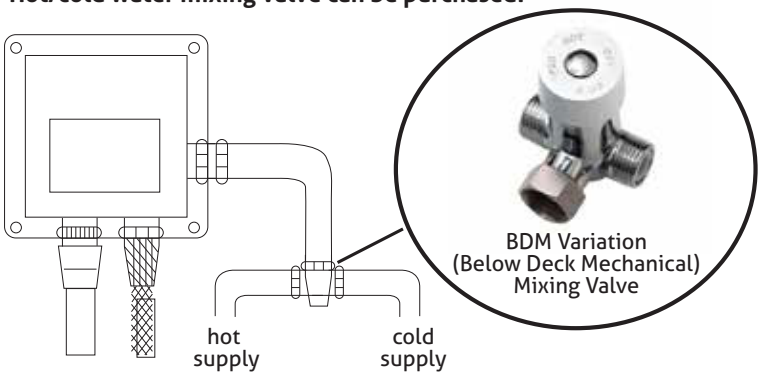
Single inlet control box
Models: HF1H21-ORB (Sylvan), HF1H21-CHR (Trinidad), HF1H21-BN
HF1H23-CHR (Nelson), HF1H23-BN (Peace), HF1H23-ORB (Snake)

Single inlet control box

Clean filter :
1. Disconnect the power plug
2. Shut off waterway.
3. Remove filter screen with pliers.
4. Clean filter screen gently with running water and replace the screen. Connect the power.



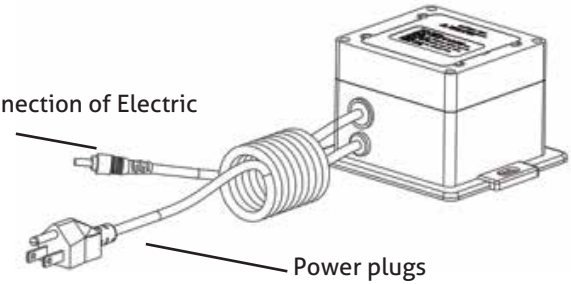
*** **Hot/cold water mixing valve can be purchased.**



Sensor control box
Models: HF1H22-CHR (Heath), HF1H22-BN (Lawa)

Sensor control box

*Hot & Cold hoses connect directly to water supply.



Installation - Single inlet faucet

Single inlet faucet
Models: HF1H21-ORB (Sylvan), HF1H21-CHR (Trinidad), HF1H21-BN
HF1H23-CHR (Nelson), HF1H23-BN (Peace), HF1H23-ORB (Snake)

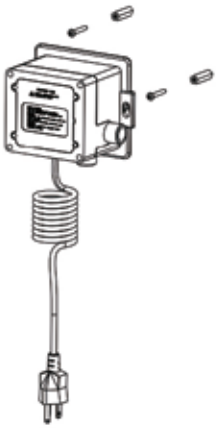
1. Connect with water inlet hose

2. Put the hoses into basin sink hole

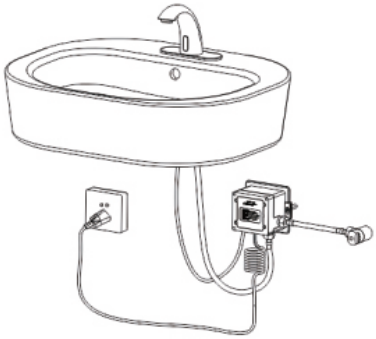
3. With the sink between the faucet body and its attached parts, secure gaskets and nuts.

4. Hang the control box on the wall fixture

a. Drill two wall holes, and insert the plastic expansion sleeve and screws



5. **Connect faucet hose to outlet part on control box. Connect inlet port on control box to pretempered water supply. Connect faucet sensor power cord to control box. Make sure everything is secured then connect control box power cord to power outlet.**



6. *****Optional: hot/cold water mixing valve can be purchased . See control box figure (pg.4) .**
   Please test the water temperature before installation, hot water may cause serious burn.

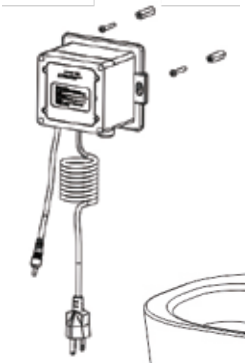
Installation - Hot & Cold faucet

Hot & cold inlet faucet
Models: HF1H22-CHR (Heath), HF1H22-BN (Lawa)

1. Connect with water inlet hose

2. Put the hoses into basin sink hole

3. Fix the sensor faucet body with filler pieces and nut



4. Hang the control box on the wall fixture:

a. drill two wall holes, and insert the plastic expansion sleeve and screws

5. Connect hot & Cold hoes to water supply. Connect faucet sensor power cord to control box. Make sure everything is secured then connect control box power cord to power outlet.

Sensor Adjustment & Troubleshooting

Sensor Adjustment

1. Turn off the water circuit and remove the faucet from the counter sink .
2. Use clamp pliers to pick off the sponge that is at the back of the sensor display.
3. Remove both the controller and potentiometer and gently adjust it. Turning clockwise will increase the sensor distance, turning anti-clockwise will decrease the sensor distance.

Troubleshooting

Issue	Reason	Solution
No water comes out	Batteries are out	Replace with new batteries
	Loose connection	Check power connection
	Water has been cut off	Contact your water company
	Filter blockage	Clean the filter
	Faucet shuts off after 1 min	Sensor resets after 10 secs
	Power outage	Wait for power to resume
Water does not stop flowing	Batteries are out	Replace new batteries
	Power outage	Wait for power to resume
	Loose connection	Check all cords and connections
	Object is triggering sensor	Check for objects within sensor range
Shut off faucet but low water flows	low water pressure	reset water pressure
	filter is too dirty	clean the filter
Slow, small water streams when faucet is on	Inlet hose too small	Change to a standard sized hose
	Triangular valve isn't opened up	Open up the valve until desired water pressure is reached
	Low water pressure	Reset water pressure
Batteries need frequent changing	Non-alkaline, or low quality batteries affect battery turnover rate	Replace batteries

Manufacturer Limited Warranty

All Dyconn Faucet products are manufactured and tested with the highest quality standards and rigorous quality control process. This warranty is limited to the non-commercial use of Dyconn Faucet products purchased and installed in the United States and Canada.

Dyconn Faucet Brand Limited Warranty on Faucets and Kitchen/Bath Accessories

Dyconn Faucet warrants its faucet products to be free from manufacturing defects in material and workmanship during the normal non-commercial use for a period of (3) three years for all non-electrical component items and (1) one year for all electronic component related items (such as, but are not limited to, products like the sensor faucet and bidet toilet) from the initial purchase date by the original owner/end-user for personal household use. Dyconn Faucet also warrants its part and accessory products to be free from manufacturing defects in material and workmanship during the normal non-commercial use for a period of one (1) year from the initial purchase date by the original owner/end-user for personal household use. This warranty is non-transferable between homes or owners and only applicable for residential use. Any commercial or industrial use of Dyconn Faucet products automatically void the warranty. Any warranty claim must include the original sales receipt as proof of purchase from an Authorized Dealer or Distributor of Dyconn Faucet products. (Authorized Dealers can be found on the Dyconn Faucet website).

Dyconn Faucet recommends installation of all Dyconn Faucet products by licensed professionals. Dyconn Faucet will not be held responsible for any damages or product failure due to improper installation, misuse or the failure to adequately utilize a licensed professional. Proper care and maintenance for all products is standard, like any other household appliances and fixtures to ensure proper function and a lasting product. Instructions are provided in your manual on the proper care and maintenance of Dyconn Faucet products.

This warranty will not cover any damages that might be caused by the product. (In some instances, specific states do not allow for such limitations, therefore, this may not apply to all owners).

Any and all warranty claims must include the original sales receipt as proof of purchase from an Authorized Dealer or Distributor of Dyconn Faucet products. Please contact Dyconn Faucet Support or Sales Department for assistance with the verification process. Any product reported to Dyconn Faucet as defective will be repaired or replaced (with a product of equal value) at the company's discretion. If Dyconn Faucet is not able to replace or repair the product, Dyconn Faucet may elect to refund the original purchase price to the original purchaser in exchange for the product's return. Dyconn Faucet has full rights to inspect any Dyconn Faucet product reported as defective prior to repair or replacement. Any repair and replacement costs EXCLUDE shipping, labor for removal or re-installation, and any consequential or special damages associated with the return, replacement, and installation of your product. To ease the duration and financial burdens of the warranty process for our customers, Dyconn Faucet may request images and/or videos of products to assess the product's condition and determine the necessary replacement parts. Replacement parts and warranty claims may be obtained by contacting us using one of the following methods:

Phone: 1-855-239-2666 (in the U.S. and Canada)

Email: info@dyconnfaucet.com

Write to us:

Dyconn Faucet Warranty
382 N. Lemon Avenue #122
Walnut, CA 91789

Dyconn Faucet reserves the right to modify the warranty at any time, it being understood that any such modifications will not supersede warranty conditions that are applicable at the time of the original sale of products in question.

Though Dyconn Faucet products are certified by various agencies, Dyconn Faucet makes no implication that products comply with any or all local building or plumbing codes. It is the consumer's responsibility to determine any code compliances when installing and using Dyconn Faucet products.

Limitations of Warranty:

The warranty shall not apply and be void for incorrect operating procedures, breakages and/or damages caused by fault through improper installation, carelessness, abuse, misuse, misapplication, improper maintenance and alteration of product; damages caused by chemicals, natural corrosion, accident, fire, flood, an act of God, or any casualty. Avoid abrasive cleaners, materials, steel wools and harsh chemicals as these will scratch, damage, and/or dull the products and/or finish of the products and void the warranty. The proper installation of product covered is the responsibility of the original owner/purchaser of the product. Dyconn Faucet neither installs nor supervises the installation nor hires contractors for this purpose; consequently, Dyconn Faucet cannot be held responsible for any default breakage, or damages caused thereby or resulting thereof, either directly or indirectly.

This warranty does not apply to products that have not been installed or operated in accordance with instructions supplied by Dyconn Faucet and all applicable rules, regulations, and legislation pertaining to such installations.

This warranty does not apply to commercial or industrial applications of Dyconn Faucet products.

Dyconn Faucet is not responsible or liable for personal injuries or deaths to any person for any direct, special, incidental, or consequential damage, loss of time, loss of profits, inconvenience, incidental expenses, labor or material charges, or any other cost resulting from the use of the product or equipment or pertaining to the application of the present warranty, or resulting from the removal or replacement of any product or element or part covered by this warranty.

In any case, Dyconn Faucet is not liable for any amount over and above the purchase price paid for the product by the original owner/end-user.

Cleaning and Care

Although this product's finish is extremely durable, regular maintenance and proper cleaning is required to ensure your product's longevity. Harsh cleaners and abrasive cleaning pads may damage this product's surface. To clean, use gentle, non-abrasive cleaning solutions and/or polishes.

DYCONN