

## ARCHITECTURAL & ENGINEERING SPECIFICATION

**Zurn Connected Faucets** transmit data 24/7 to the Zurn plumbSMART™ web portal and mobile app. Proactively monitor your faucet activations and water usage, receive real-time alerts for preset high and low usage parameters, and access system data for trends and predictive maintenance anytime and anywhere.

**Zurn AquaSense® Sensor Faucets** create a more hygienic, sustainable, and reliable restroom experience by utilizing gear-driven ceramic cartridge operation with no solenoids to replace and renewable hydropower. The unit is furnished with a plain end spout with Laminar Flow Control in base of spout and adjustable timeout feature. Customize usage settings wirelessly by using Zurn Elkay's Bluetooth app, PlumbPro.

Zurn Lead Free products are durable, high quality brass faucets and fixtures that are designed and manufactured to comply with Section 1417 of the Safe Drinking Water Act (SDWA) which mandates the weighted average lead content of no more than 0.25% of the wetted surface.

## PRODUCT FEATURES & TECHNICAL SPECIFICATION

### plumbSMART™ Portal

- Know water consumption
- Track uses per fixture
- Receive real-time alerts
- Manage maintenance tasks
- Receive insights on your data

### SENSOR FAUCET

- Uses EZ Gear technology, a motor gear-driven ceramic cartridge that is less susceptible to debris and easy maintenance
- Hydro-X Power® technology delivers sustainable performance by providing renewable, uninterrupted hydropower designed to last the life of a commercial restroom
- Intuitive and effortless, no-delay touchless sensor water activation
- Bluetooth-enabled for point-of-use wireless adjustability:
  - Adjustable Time Out Feature (30-second default time out)
  - Hygienic Line Flushing (on-demand or programmed)
  - Sensing modes (on-demand or metering)
  - Sensor Range Adjustment
- Battery Status
- Quiet water flow and soft-close technology that eliminates water hammer
- Polished chrome-plated cast brass construction

### CONNECTED ENDPOINT

- 4 "AA" Batteries (Alkaline included)
- Mounts under the sink deck
- Communicates wirelessly to Zurn gateway
- Connects to faucet Sensor and electronics module

### ZURN GATEWAY

- Communicates via Ethernet or LTE
- Works with all Zurn connected devices
- Connects all endpoints up to 1,000 ft radius
- After purchase request your gateway at:  
[zurn.com/plumbsmart-gateway](http://zurn.com/plumbsmart-gateway)  
or Call 1-844-987-6737



### POWER SUPPLY OPTIONS

- Standard Sustainable Hydropower with Battery Backup (6 AA)
- ACA Plug-in Power Converter with Battery Backup
  - CWB Connecting Wire for Hardwire with Battery Backup Installation (7 ft)

### POWER SUPPLY ACCESSORIES (SOLD SEPARATELY)

- P6000-HW6 Hardwired Power Converter (Powers up to 8 Faucets)
- P6000-MJ Mini Junction Box (optional)

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### FLOW RATE OPTIONS

	FLOWRATE GPM [LPM]	VANDAL RESISTANT	CEC, NYC 604.4 COMPLIANT	OUTLET TYPE
<b>-FC 0.5</b>	0.5 [1.9]	☑	☑	Laminar w/Plain End
<b>-FC 1.0</b>	1.0 [3.8]	☑		Laminar w/Plain End
<b>-FC 1.5</b>	1.5 [5.7]	☑		Laminar w/Plain End
<b>-FC 2.0</b>	2.0 [7.6]	☑		Laminar w/Plain End

### SUFFIX OPTIONS

- ADM Above Deck Mixer
- ADM-1 Above-Deck Mixer with 4" [102] cover plate
- ADM-2 Above-Deck Mixer with 8" [203] cover plate
- CP4 Cover Plate 4"[102] Centers
- CP8 Cover Plate 8"[203] Centers
- MV Temperature Mixing Valve
- SH Three Supply Hoses for Mixing Valve
- TMV-1 Thermostatic Mixing Valve for Single Faucets (ASSE Listed 1070)

### GATEWAY OPTIONS (REQUIRED & SOLD SEPARATELY)

- LTE ZGW-LORA-W1-LTE
- Ethernet ZGW-LORA-W1-ETH

NOTE: plumbSMART™ is free-to-connect to a basic plan with an option to upgrade to a premium plan.

NOTE: LTE charges will apply to basic plan.

### COMPLIANCE AND CERTIFICATION:

- Complies with A112.18.1 / CSA B125.1 via Ethernet or LTE
- ADA Compliant
- UPC Lead Free Compliant
- CEC & NYC 604.4 Compliant (when used with appropriate flow rate)



This device is WaterSense labeled when used with the appropriate flow rate and certified for residential and private restrooms.

### ARCHITECTURAL & ENGINEERING APPROVAL

The information contained in this document is subject to change without notice.  
Please contact Zurn for most up to date information.

## HOW IT WORKS

Integrated sensors continuously monitor faucet activations and water usage. This data is transmitted to the Zurn gateway via LoRa communication. The Zurn gateway passes the data into the Zurn cloud where the data is enriched and presented in the plumbSMART web portal and mobile app. Facilities managers and/or maintenance personnel can view all data and trends in the plumbSMART portal and may opt to receive real-time alerts via email, text message and/or push notifications if any of these readings exceed customizable parameters for high hourly or daily usage levels. All notifications and alert parameters are adjustable via the plumbSMART portal. A maintenance planning tool and data insights hub are available in plumbSMART. For more information, visit <https://www.zurn.com/innovation-efficiency/plumbSMART>.

To access the plumbSMART portal, a Zurn Gateway must be installed within 1,000 feet of the connected product, and connected products must be registered in the Zurn plumbSMART portal. A single Zurn Gateway can be used to connect hundreds of Zurn connected plumbing products.

## CONNECTING TO THE plumbSMART™ PORTAL

1. Visit [www.zurn.com/plumbSMART-connect](http://www.zurn.com/plumbSMART-connect) to save time and money on your installation.  
You can also call us at 844-987-6737
2. Provide the serial number and contact name, email address, and basic information about the installation site.
3. We will activate your plumbSMART account, set up your enterprise, and give you guidance on how to register each connected product as you install it.
4. We will send a confirmation email with a link, or you can go to [plumbsmart.zurn.com](http://plumbsmart.zurn.com) to log into your plumbSMART account for the first time.
5. Add other users and installers to your plumbSMART account.
6. Make sure you and/or your installers have the plumbSMART mobile app, which you can download from the iPhone App Store or Google Play.
7. Using the mobile app, scan or enter the serial number to register and locate each connected plumbing product as you install it.
8. Watch the how-to videos in the plumbSMART portal's support section if you get stuck, or call us at 844-987-6737 for support.



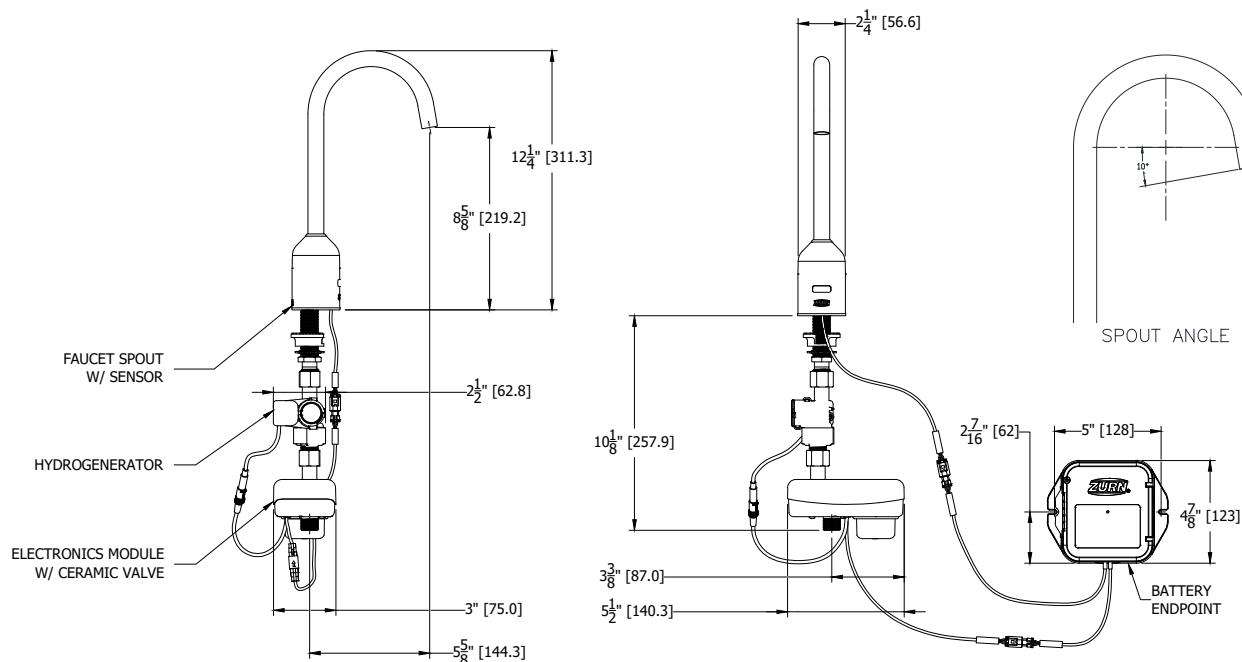
## Rough-in dimensions/Overview dimensions

### TYPICAL ZG6920-FC-W2

#### Hydropower with Battery Backup Powered Faucet

NOTE: Recommended through hole diameter to properly mount the spout/shank is 1-1/8" to 1-1/4".

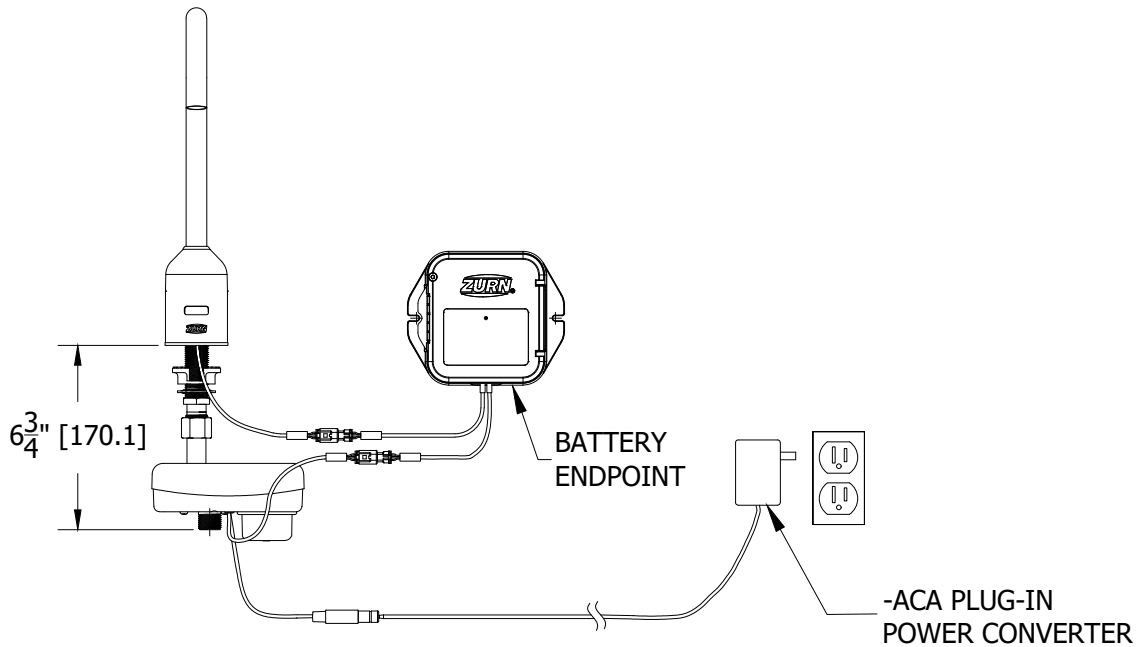
\*Hydrogenerator can be installed above or below the electronics module.



NOTE: - Endpoint must be installed within a 2' [610] radius of faucet.

TYPICAL ZG6920-FC-W2-ACA

**Plug-in with Battery Backup Powered Faucet**



TYPICAL ZG6920-FC-W2-CWB

**Hardwire with Battery Backup Powered Faucet**

