



# HYBRIDFLUSH® AUTOMATIC

Ultra High Efficiency Half Stall Washout Urinal Flush Valve System

Model  
AEFW101812U18

## Description

Hardwired, Sensor Operated HYBRIDFLUSH® Top Mount  
Complete Ultra HEU System with Exposed Automatic Urinal  
Flushometer and Vitreous China Fixture.

## Flush Cycle

☐ Model AEFHW101812U18 (0.125 gpf/0.5 Lpf)

## Specifications

### Flushometer Specification (Model AEF-801-HWCU-18)

- Patented BRV® and Gear Motor Drive
- Hands Free Infrared Sensor Activation
- Vandal and Water Resistant Design
- Chrome Plated All Metal Housing
- Quiet Operation
- True Mechanical Override (Side)  
\*Mechanical Button/Handle Works When Electrical Power is Out
- Operates on 6-Volt DC Power (Transformer Sold Separately)
- Adjustable Sensor Angle
- Adjustable Sensor Distance
- Optional Water Saver Mode
- Optional Three (3) Second Flush Delay Mode
- Optional 24-Hour Flush Mode
- Uses Proprietary Silicone Diaphragm with Filtered Bypass
- 3/4" I.P.S. Angle Stop
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker with Single Piece  
Hex Coupling Nut
- Spud Coupling and Flange for 3/4" Top Spud
- Sweat Solder Kit and Wall Flange with Set Screw
- High Efficiency For Water Conservation

### Compliance & Certifications

- ASSE 1037-2015
- ASME A112.1035-2015
- CSA B125.37-15



For Finish Variations Please Consult Factory

### Accessories (Add suffix to model number for accessories)

- ☐ AMTCTrans6VDC - 6-Volt AC/DC Transformer
- ☐ HC801 - Cover for Mechanical Flush Button

### Fixture Specification (Model AUU-1018-12)

- Complies with ADA Accessible Standards
- White Color
- Wall Hung Vitreous China
- Washout Flushing Action
- Extended Privacy Shields
- Elongated Rim
- Integral Flushing Rim
- Integral Trap
- 3/4" (19mm) I.P.S. Top Spud Inlet (Included)
- 2" (50mm) NPT Outlet Flange (Included)
- 100% Factory Tested
- Hanging Bracket (2 included)

### Compliance & Certifications

- ASME A112.19.2/CSA B45.1
- Energy Act of 1992
- ADA- With installation consideration for section 604  
Water Closets, Accessibility Guidelines.
- ICC/ANSI A117.1
- TAS - With installation consideration for section:  
4.16.3. Adult seat height 17" (432mm) to 19" (483mm).
- CSA B651 - With installation consideration for Clause 4.3.6 of the standard.
- ICC-ES PMG® Certified
- WaterSense® Listed



### Plumbing System Requirements

- Minimum Flowing Pressure: 25 PSI
- Maximum Static Pressure: 80 PSI
- Minimum Flow Rate: 18 GPM



## The HYBRIDFLUSH® Advantage

The HYBRIDFLUSH® is a revolutionary full-featured automatic/manual flush valve system. The HYBRIDFLUSH® incorporates a unique patented mechanism that allows for automatic/manual operation for unsurpassed reliability. The patented HYBRIDFLUSH® design allows for the original flush handle or push button to be used as an alternate flush option that is independent of the electrical power. The HYBRIDFLUSH® by Advanced Modern Technologies Corporation is the most efficient, economical, and complete automatic flush valve system on the market.



Warranty  
5 Years

**AXIO®**  
TOUCH-FREE TECHNOLOGY

ADA Compliant

## Architect/Engineer Approval

Job Name	_____
Date	_____
Model Specified	_____
Quantity	_____
Variations Specified	_____
Customer/Wholesaler	_____
Contractor	_____
Architect	_____

The information contained in this document is subject to change without notice.  
Revision (04/25)



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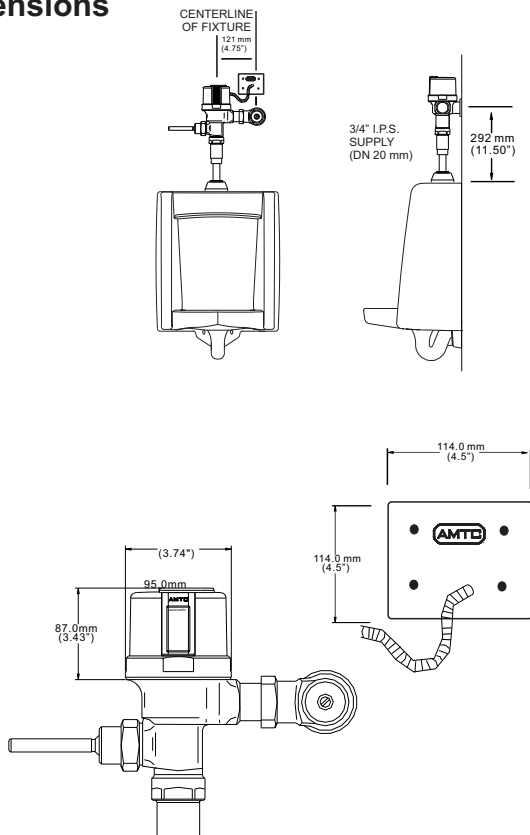
Model  
AEFW101812U18

## Specifications

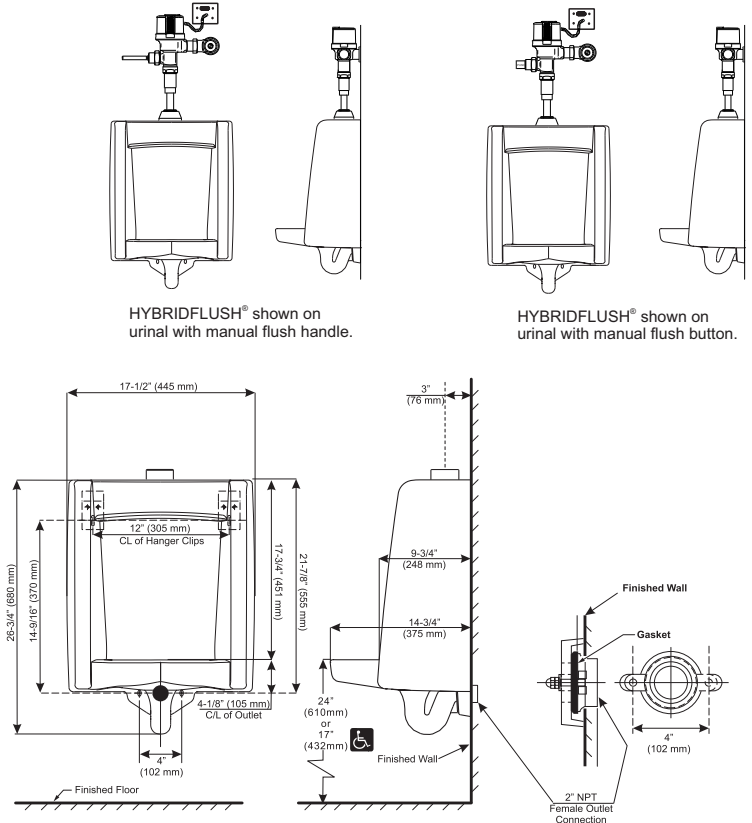
Operation:	Hybrid (Automatic/Manual)
Outer Casing:	Standard-Chrome Metal
Operating Water Pressure:	15 PSI - 100 PSI
Sensor Type:	Infrared
Power Type:	6-Volt DC Power
Arming Delay:	5 Seconds
Sensing Range:	18" (45cm) - 30" (75cm) Adjustable
Ghost Flush:	Once every 24 Hours From Last Flush
Sensor Angle:	Adjustable Angle
Flush Cycle:	Specified by Model
Model AEFHW101812U18	0.125 gpf/0.5 Lpf
Flush Mode:	After Every Use
Water Saver Mode:	After Every Other Use
Manual Override:	Mechanical Flush Button or None

Description:	Hardwiring Kit
Wire Length:	24"
Conduit Length:	7"
Wall Plate Length:	4.5" (114mm)
Wall Plate Width:	4.5" (114mm)

## Dimensions



## Application



## Disclaimer

Note: All vitreous china dimensions shown in these drawings are nominal and not to scale. Dimensions can vary within the tolerances established in the governing ASME A112.19.2/CSA B45.1 standard. It is important to consider this when planning rough-in and plumbing layouts.

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