HYBRIDFLUSH® AUTOMATIC

High Efficiency Quarter Stall Washout Urinal Flush Valve System

Model
AEF101814U05

Description

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

Flush Cycle

☐ Model AEF101814U05 (0.5 gpf/1.9 Lpf)

Specifications

Flushometer Specification (Model AEF-801-CU-05)

- 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 Batteries are Drained
- Operates on (4) "AA" Alkaline Batteries (Included)
- Battery Life - 3+ Years
- "Low Battery" Blinking LED Indicator
- Easy Battery Replacement-No Water Shut Off Necessary
- 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

Listed By IAPMO

For Finish Variations Please Consult Factory

Accessories (Add suffix to model number for accessories)

☐ HC801 - Cover for Mechanical Flush Button

Fixture Specification (Model AUU-1018-14)

- Complies with ADA Accessible Standards
- White Color
- Wall Hung Vitreous China
- Washout Flushing Action
- 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 (1 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 battery power. The **HYBRIDFLUSH®** by Advanced Modern Technologies Corporation is the most efficient, economical, and complete automatic flush valve system on the market.

WaterSense® Meets EPA Criteria Certified by ICC-ES

HEU™ HIGH EFFICIENCY URINAL

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 (10/17)

HYBRIDFLUSH® AUTOMATIC

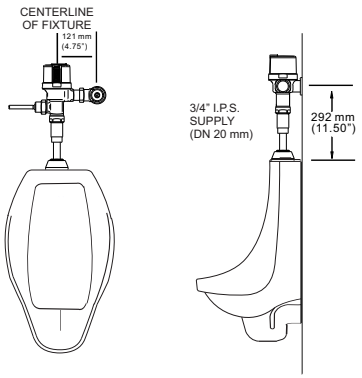
High Efficiency Quarter Stall Washout Urinal Flush Valve System

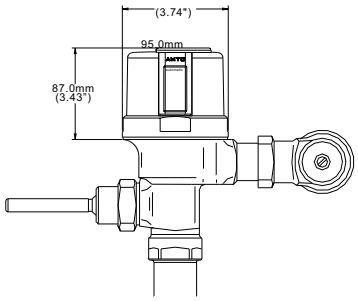
Model
AEF101814U05

Specifications

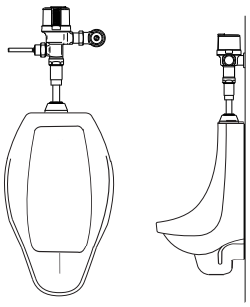
Operation:	**Hybrid (Automatic/Manual)**
Outer Casing:	**Standard-Chrome Metal**
Operating Water Pressure:	**15 PSI - 100 PSI**
Sensor Type:	**Infrared**
Battery Type:	**Four AA Alkaline Batteries**
Battery Life:	**3+ Years**
Arming Delay:	**5 Seconds**
Sensing Range:	**18" (45cm) - 30" (75cm) Adjustable**
Ghost Flush:	**Once every 24 Hours From Last Flush**
Sensor Angle:	**Adjustable Angle**
Flush Cycle:	**Specified by Model**
Model AEF101814U05	**0.5 gpf/1.9 Lpf**
Flush Mode:	**After Every Use**
Water Saver Mode:	**After Every Other Use**
Manual Override:	**Mechanical Flush Button or None**

Dimensions

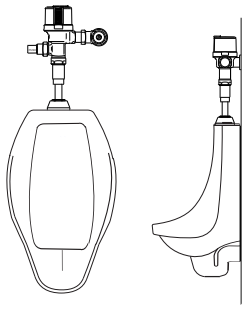




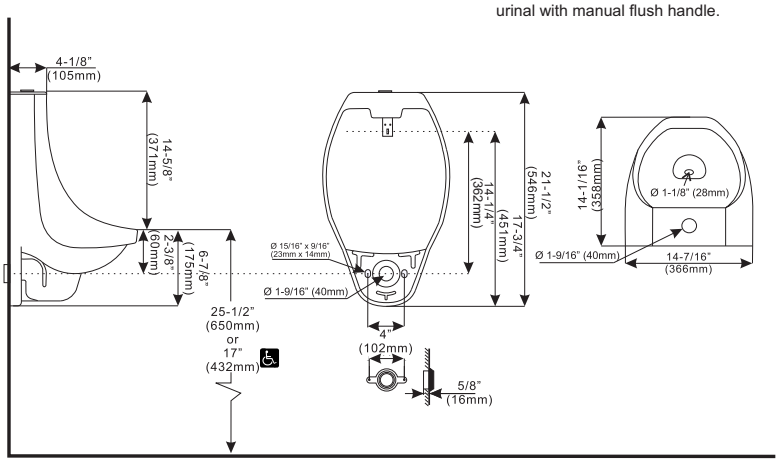
Application



HYBRIDFLUSH® shown on urinal with manual flush handle.



HYBRIDFLUSH® shown on urinal with manual flush button.



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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