



Shower-Ware® 410CBCWH Series

Apex Flush Mounted Showers - CBC (T24) Compliant - Wide Housing



418CBCWH-W-R



416CBCWH-W-R-FH-Y

Fixture May Show Some Available Options

Please visit www.acorneng.com for most current specifications.

Flush Mounted Showers - CBC (California Title 24) Compliant - Wide Housing

Shower is designed to be installed on a finished wall from the front and includes as standard equipment a Control Valve, Fixed Upper Showerhead, Handheld Shower and Hose, Diverter Valve, and Recessed Soap Dish. When installed properly and in accordance with all Shower Stall Type requirements, unit will conform with 2019 California Access Compliance Reference Manual with DSA Access Compliance Code Cycle Supplement effective July 1, 2021 and 2010 ADA Standards. Refer to applicable Accessibility Guidelines for complete details.

Compliance is subject to the interpretation and requirements of the local code authority.

Shower Panel is 18 gage, type 304 stainless steel with #4 satin finish. Controls are 38" to 48" from the finished floor and should be located on wall in accordance with shower stall type and configuration [CBC 11B-608.5.1, 11B-608.5.2, 11B-608.5.3]. A stainless steel Recessed Soap Dish is included at 40" maximum above finish floor [CBC 11B-608.10]. Flush mount design is intended for conformance with clearance required above grab bar [CBC 11B-609.3.1].

Fixed Upper Showerhead is provided at 6'-0" discharge height (*). Showerhead is solid brass, triple chrome-plated and includes a built-in 1.6 GPM Flow Restrictor. The Acorn Logan Wizard Showerhead design provides self-cleaning with an adjustable spray pattern from coarse stream to a fine mist. (*Certain options slightly lower discharge height.)

Handheld Shower Spray includes Pushbutton for On/Off control with non-positive shutoff, 60" long Stainless Steel Hose, Quick-Disconnect, Vacuum Breaker and 1.5 GPM Flow Control [CBC 11B-608.6].

Fixed Head (-FH) option in lieu of Handshower is available and provided with -Y Universal Ball Joint option for both upper and lower Shower Heads to provide swivel angle adjustment [CBC 11B-608.6; Exception].

Valve Control may be selected with either Hot and Cold Mixing Valve or Single Temperature Metering Pushbutton [CBC 11B-309.4]. Valve assembly includes Pressure Rated Flexible Supply Hose Connectors to assist with install.

-**Type 8** Thermostatic/Pressure Balancing H&C Mixing Valve is ASSE 1016 compliant to compensate for fluctuation in temperature and pressure. Includes patented ligature resistant Tri-Lever Handle (-LVR Lever Handle is optional).

-**Type 6** Air-Control Single Temp Pushbutton Metering Valve, non-hold open design. Timing from 5 to 60 seconds.

-**Type 0** Electronic Single Temp Pushbutton Metering Valve styles provide an array of timing and programming options. Refer to individual Electronic Valve submittal sheets for specific data.

Diverter Valve is provided to allow Upper Showerhead and Handheld Shower Spray to be operated independently [CBC 11B.608.6]. Includes patented ligature resistant ADA compliant Tri-Lever Handle (-LVR Lever Handle is optional).

Mounting Frame with Plaster Flange is mounted in wall and intended to be positioned so that the Shower Panel fits flush against the finished wall.

Specifier / Installer: Ensure Mounting Frame Plaster Flanges are coordinated with Wall type and construction details. Mounting Frames are optionally available Less Plaster Flanges (-LPF) when required to suit conditions. Refer to Installation Instructions for complete details.

Vandal Resistant Stainless Steel Fasteners are provided to complete shower assembly. Wall Fasteners and Wall Anchors are not furnished.

Folding Seat and Grab Bars may be ordered separately to suit appropriate shower stall type. For "L" Shape Folding Seat, refer to 1103 Series. For Stainless Steel Grab Bars refer to 1108 Series.

Shower-Ware®: 410CBCWH Apex Flush Mounted Showers - CBC (T24) Compliant - Wide Housing



MODEL NUMBER AND OPTIONS SELECTION

SERIES

4 Apex CBC (T24) Compliant, Wide Housing

TYPE

-1 Flush Mounted Shower, Wide Housing

VALVE SELECTION (Must Specify)

- 0 Electronic Valves, Single Temp Metering
(Must Select Electronic Valve Below)
- 6 Air-Control, Single Temp Metering
- 8 T/P Temperature-Pressure Balancing
Mixing Valve (ASSE 1016 Compliant)
Ligature Resistant ADA Tri-Lever Handle

SUPPLY

-W Wall

CONTROL VALVE ORIENTATION (Must Specify)

-L Left Side (Facing Unit) -R Right Side

ELECTRONIC VALVE SELECTION

(Required for Valve Selection -0 above)

Master-Trol® (Electronic)

- EVS1 Single Temp
- EVSP1 Single Temp, Piezo Button

Master-Trol® PLUS (Electronic)

- MTP1 Single Temp
- MTPP1 Single Temp, Piezo Button

Time-Trol® (Electronic)

-MVC1 Single Temp

Programmable (Electronic) w/9VDC Plug-In Transformer

-PPZ1 Single Temp Programmable Piezo Button

VALVE OPTIONS

- CI Cycle Interrupt for -MVC1 Time-Trol Valve
- LVR Lever Handle (Applies to -8 Valve and Diverter)
- MV Metering Air-Control Valve Pushbutton in Riser
(Mounted Handshower may obstruct Pushbutton)
- PBH Hemispherical Pushbutton
(Applies to Type -6 Valve or -MV option)
- TF Transformer, 120VAC to 24VAC (-MVC1 option)

UPPER SHOWERHEAD OPTIONS

(One selection only. Not available with -FH option)

- CSH Conical Showerhead 1.6 GPM
(Ligature Resistant - Non Adjustable)
- CSH-WSA WaterSense 1.5 GPM Conical Showerhead
(Ligature Resistant - Non Adjustable)
- MSH Multi-Stream Showerhead with Ball Joint
- P Penal Showerhead
- Y Universal Ball Joint (Standard with -FH option)
- YY Lockable Universal Ball Joint

HANDHELD SHOWER OPTIONS

- FH-Y Fixed Head in Lieu of Handheld Shower
(Both Showerheads will include -Y Universal Ball Joint)
- PSO Handshower Quick-Disconnect w/Positive Shut-Off

PRODUCT OPTIONS

- D Surface Mounted Soap Dish (In lieu of Recessed)
- EG Enviro-Glaze®, Specify Color: _____
Refer to link for colors: <https://www.acorneng.com/enviro-glaze>
- LPF Less Plaster Flange on Mounting Frame
- LRD Less Recessed Soap Dish

Additional Shower Accessories are available at

<https://www.acorneng.com/bathroom-accessories>

Please visit www.acorneng.com for most current specifications.



- Patented D697,591
- © Acorn Engineering Co.

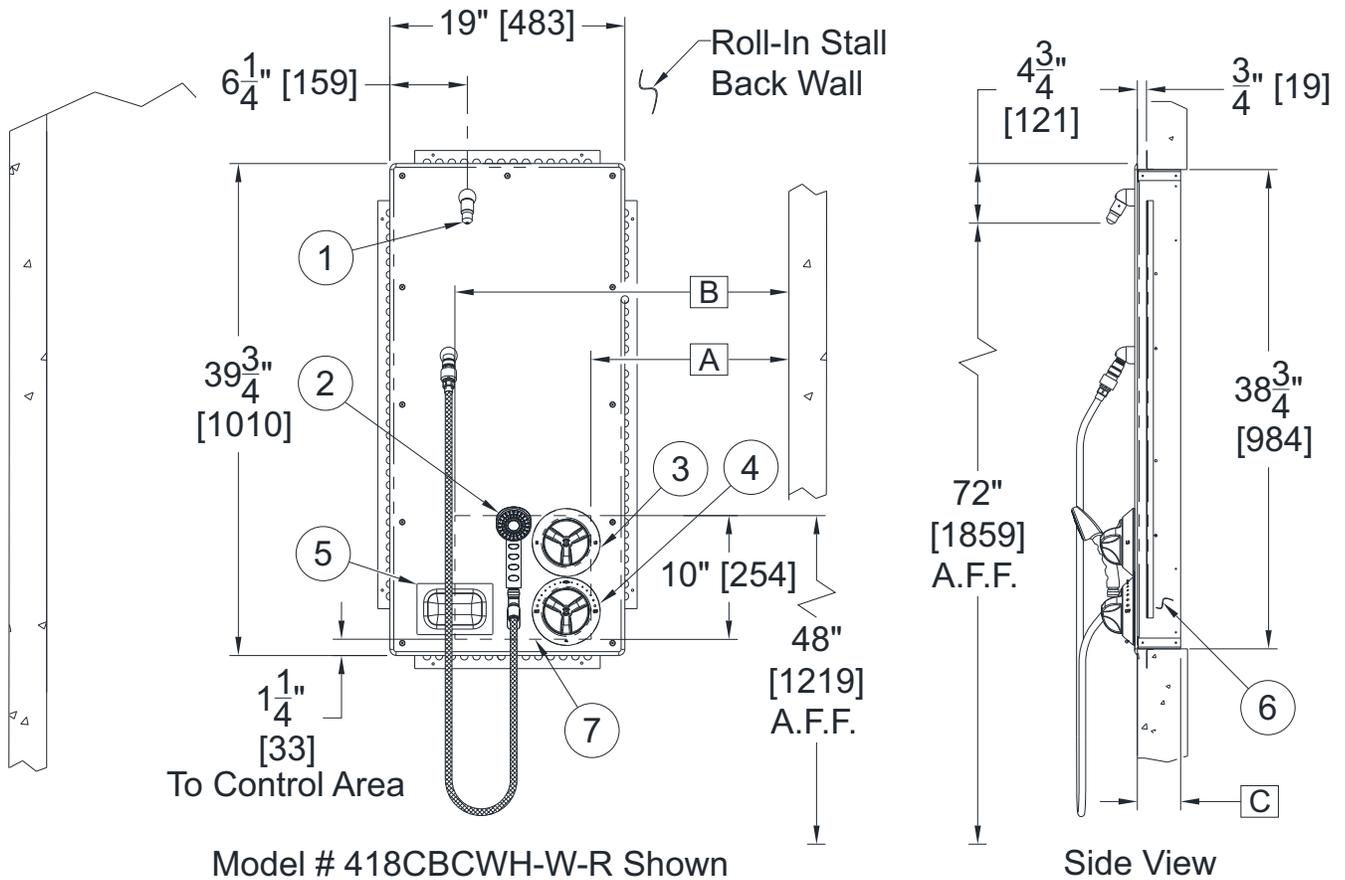
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



CSH-WSB Showerhead is
EPA WaterSense Certified

Important: Installation instructions and current rough-in are furnished with each fixture. Do not rough in without certified dimensions.
Dimensions are subject to manufacturer's tolerance of plus or minus 1/4" and change without notice. Acorn assumes no responsibility for use of void or superseded data. © Copyright 2008 Acorn Engineering Company

<p style="text-align: center;">Selection Summary</p> <p>Model No. & Option _____</p> <p>Quantity _____</p>	<p style="text-align: center;">Approved for Manufacturing</p> <p>Company _____ Title _____</p> <p>Signature _____ Date _____</p>
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Model # 418CBCWH-W-R Shown

Side View

Right Hand Valve Orientation Shown - Left Hand Opposite
 Front View Roll-In Type Compartment Shown - Reference Only

Mounting Frame Depth	
Valve Type	C Dimension
0 Electronic	4-1/2"
6 Air-Control	4-1/2"
8 T/P Mixing	3-1/2"

NOTES:

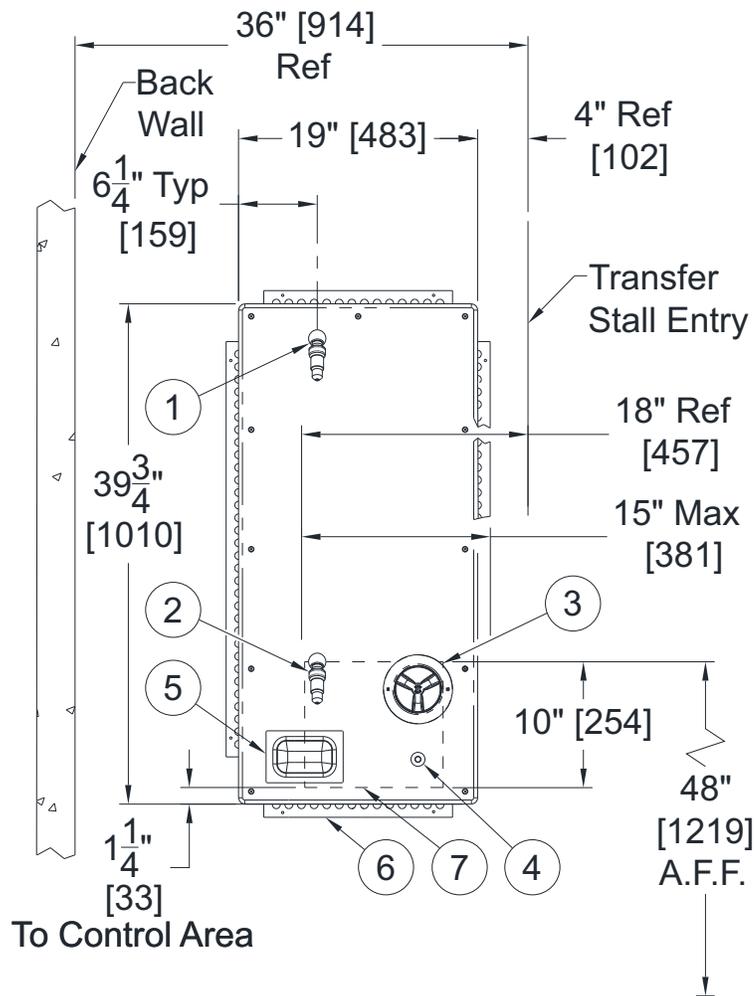
1. Fixed Upper Shower Head at 72" Discharge
2. Handshower with 60" Hose (Standard)
3. Diverter Valve with Tri-Lever Handle (Standard)
4. Control Valve: Type 8 T/P Mixing Valve (Specify)
5. Recessed Soap Dish (Standard)
6. Wall Mounting Frame With Plaster Flanges
7. Control Area, CBC Standard Roll-In Stall Type

Std. Roll-In Stall Dims		
	A Min.	B Max.
ADA	0"	*27"
CBC	16"	27"

*ADA dim shown is Roll-In Stall with Seat. Refer to Guidelines for complete details.

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Model # 416CBCWH-W-R-FH-Y Shown
 Right Hand Valve Orientation Shown - Left Hand Opposite
 Side View Transfer Type Compartment Shown - Reference Only

NOTES:

1. Upper Shower Head with -Y Universal Ball Joint at 72" Discharge
2. Lower Shower Head with -Y Universal Ball Joint at 48" MAX Discharge
3. Diverter Valve with Tri-Lever Handle (Standard)
4. Control Valve: -0 S/T Electronic, -6 S/T Air-Control (Specify)
5. Recessed Soap Dish (Standard)
6. Wall Mounting Frame With Plaster Flanges
7. Control Area, ADA/CBC Standard Transfer Stall Type

*ADA dims shown are Transfer Stall with Seat.

Refer to Guidelines for complete details.

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