Secure-Care® - Ligature Resistant LR1741CBC Series
Penal-Pak Wall Shower - CBC (Calif. T24) & ADA Compliant

LR1741CBC-R-8MV

Fixture May Show Some Available Options

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

Ligature Resistant Penal-Pak Wall Shower - CBC (Calif. Title 24) & ADA Compliant

Shower is designed to be installed on a finished wall and serviced from an accessible rear pipe chase and includes as standard equipment: Control Valve, Swivel Nozzle Conical upper and lower Showerhead, 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 Accessibility Guidelines for complete details.

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

Shower Panel is 14 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 and located at 40" maximum from the finish floor for CBC requirements [CBC 11B-608.10].

Upper and Lower Conical Showerhead is model CSHS with a user-adjustable, universal swivel angle adjustment. Showerheads are rear mounted, chrome plated brass design and provide vandal and ligature resistance. Heads include a 1.6 GPM flow rate and are located at 6'-0" for upper head and 48" MAX discharge height for lower head.

Diverter Valve is provided standard to deliver water to either Showerhead for independent operation as required by the code standard [CBC 11B-608.6]. Includes patented ADA compliant Tri-Lever Handle.

Valve Controls are an accessible design with Hot and Cold Mixing Valve or Metering Pushbutton(s) [CBC 11B-309.4]:

-8 Thermostatic/Pressure Balancing H&C Mixing Valve: ASSE 1016 compliant to compensate for fluctuation in temperature and pressure. Includes patented ligature resistant Tri-Lever Handle. For more details see model SV16.

-8MV Thermostatic/Pressure Balancing H&C Mixing Valve (SV16) with Metering Valve Pushbutton in riser. Air-control metering pushbutton is provided standard. Specify Electronic Metering Valve type when required.

-03-M and -04-M Air-Control Metering Pushbutton includes hemispherical button(s), non-hold open design and offered for Single Temperature or H&C supply*****. Timing is adjustable from 5 to 60 seconds. Air-Control Valves are pneumatically operated using atmospheric air. Pushbutton is Ligature-Resistant and requires less than 5 pounds of force to activate Valve.

-Electronic Metering Valve Pushbutton designs are offered for Single Temperature or H&C supply***** with an array of timing and programming options. Non-Piezo Button styles include Hemispherical Pushbutton. Refer to individual Electronic Valve submittal sheets for specific technical data.

(******Single temp or hot side water temperature must be tempered as required by code to avoid thermal shock to user.*)

Optional Less Diverter Valve (-LDV) provides separate controls for Showerhead without the use of a Diverter. *Note: Independent control of Showerheads is required [CBC 11B-608.6, Exception]. Eliminating Diverter is subject to non-compliance. Acorn Engineering Co. assumes no responsibility.*

Wall Mounting Hardware to complete installation is provided. Grab Bars and Folding Seat are by others.

Penal-Ware®: Ligature Resistant LR1741CBC - CBC (T24) Compliant

WALL THICKNESS AND TYPE (Must Specify)

Thickness: _____ Type: ❏ Concrete ❏ Block ❏ Steel

MODEL NUMBER AND OPTIONS SELECTION:

BASE MODEL NUMBER

☑ LR1741CBC   Ligature Resistant Shwr ADA/CBC Compliant

CONTROL VALVE ORIENTATION (Must Specify)

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

VALVE SELECTION (Specify One Valve Type)
(Includes Standard Diverter Valve)

Air-Control Pushbutton Metering Valve

❏ -03-M   Single Temp, Metering Pushbutton
❏ -04-M   Hot & Cold, Metering Pushbuttons

T/P Balancing Hot and Cold Mixing Valve (SV16)

❏ -8   Hot and Cold Mixing Valve with Tri-Lever Handle
❏ -8MV   Hot and Cold Mixing Valve with Tri-Lever Handle
                   with Air-Control Metering Valve (Standard)

❏ -8MV Hot and Cold Mixing Valve with Tri-Lever Handle
                with Electronic Metering Valve in Lieu of Air-Control

    ❏ -EVS1 Master-Trol Single Temp

    ❏ -EVSP1 Master-Trol Single Temp Piezo Button

    ❏ -MTP1 Master-Trol Plus Single Temp

    ❏ -MTPP1 Master-Trol Plus Single Temp Piezo Button

    ❏ -MVC1 Time-Trol Single Temp

    ❏ -PPZ1 Single Temp Programmable Piezo Button

Master-Trol® (Electronic)**

❏ -EVS1   Single Temp
❏ -EVS2   Hot & Cold
❏ -EVSP1   Single Temp, Piezo Button
❏ -EVSP2   Hot & Cold, Piezo Buttons

Master-Trol® PLUS (Electronic)**

❏ -MTP1   Single Temp
❏ -MTP2   Hot & Cold
❏ -MTPP1   Single Temp, Piezo Button
❏ -MTPP2   Hot & Cold, Piezo Buttons

Time-Trol® (Electronic)**

❏ -MVC1   Single Temp

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

❏ -PPZ1   Single Temp Programmable Piezo Button
❏ -PPZ2   Hot & Cold Programmable Piezo Buttons

** *Refer to Individual Specification Sheets for Technical Data.*

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

OPTIONAL SELECTIONS:

VALVE OPTIONS

❏ -BRS   Brass Body Valve
❏ -LDV   Less Diverter Valve, Separate Valve Controls for
                   Shower Heads (Note: Subject to Non-compliance)
❏ -TF   Transformer, 120VAC to 24VAC (-MVC option only)

PRODUCT OPTIONS

❏ -EG   Enviro-Glaze, Specify Color:_____
Refer to link for colors: https://www.acorneng.com/enviro-glaze

❏ -MT   Metal Template (Only 1 Required Per Project)
❏ -LRD   Less Recessed Soap Dish
❏ -SW   Wall Sleeve (CMU & Formed Concrete Walls Only)
❏ -STP7069-12S Mixing Valve Assy (Do Not Use for -8, -8MV)
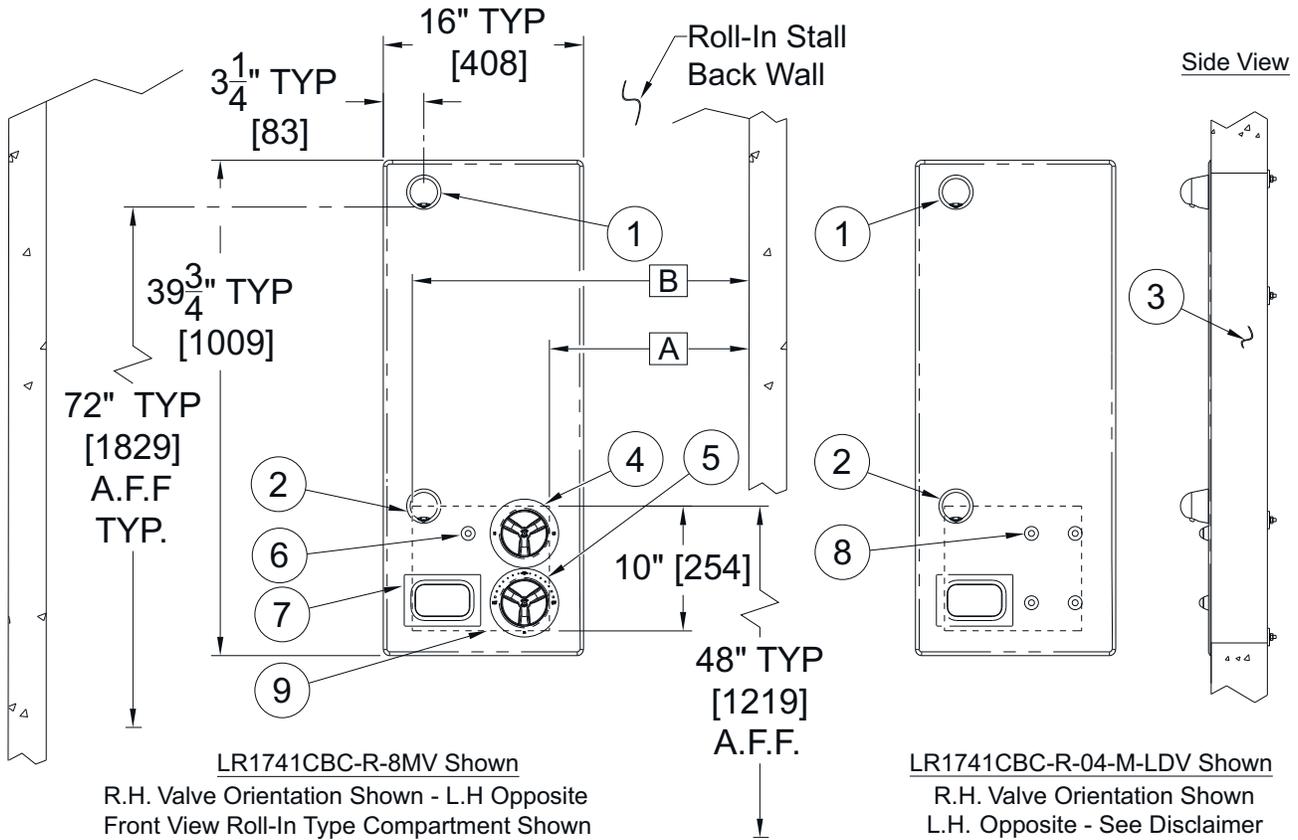***NOTE: Refer to Supplemental Submittals for Option details.***

LR1741CBC-R-8MV

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

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 2006 Acorn Engineering Company

Selection Summary	Approved for Manufacturing
Model No. & Option_____	Company_____Title_____
Quantity_____	Signature_____ Date_____

Acorn Engineering Company • 15125 Proctor Avenue • P.O. Box 3527 • City of Industry, CA 91744-0527 U.S.A.
Tel: (800) 488-8999 • (626) 336-4561 • www.acorneng.com • E-mail: info@acorneng.com

LR1741CBC-R-8MV Shown
R.H. Valve Orientation Shown - L.H Opposite
Front View Roll-In Type Compartment Shown

LR1741CBC-R-04-M-LDV Shown
R.H. Valve Orientation Shown
L.H. Opposite - See Disclaimer

NOTES:
1. CSHS Conical Upper Showerhead with Swivel Adjustment at 72".
2. CSHS Conical Lower Showerhead with Swivel Adjustment at 48" (MAX).
3. Optional -SW Wall Sleeve for rear mounting with Chase access (Recommended).
4. DIV series Diverter Valve with Tri-Lever Handle (Standard).
5. Control Valve: Type 8 | SV16 Mixing Valve with Tri-Lever Handle (Specify Valve Type).
6. -8MV option: Metering Air-control Hemispherical Pushbutton in Riser (Specify Valve Type).
7. 1832 series Recessed Soap Dish (Standard).
8. **-LDV Less Diverter Valve option for separate Valve control. -04-M H&C shown (Specify).
9. Control Area: CBC Standard Roll-In Stall Type Shown. See Dimensional Details.
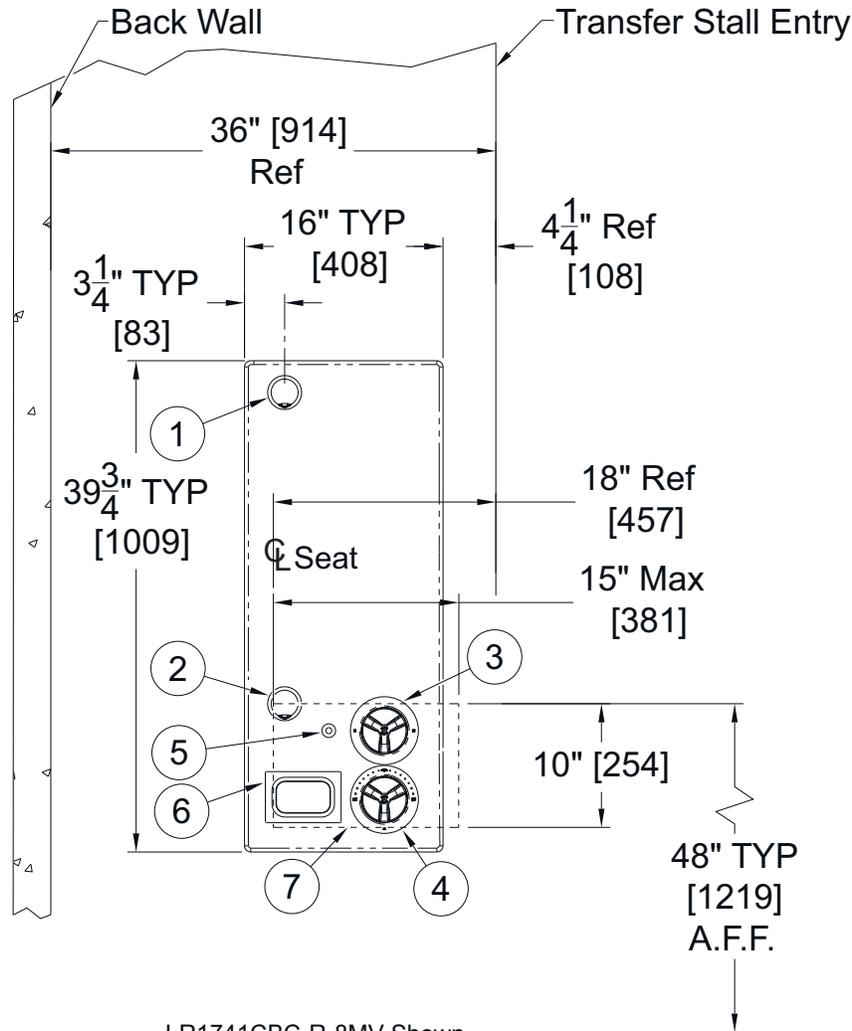   Note: Units will conform with Transfer Type Compartment when installed properly.

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

** **DISCLAIMER:** *CBC 11B-608.6, Exception states:*
"Each showerhead shall be installed to be operated independently of the other..."
Exclusion of the standard Diverter Valve is subject to non-compliance. Acorn Engineering Co. assumes no responsibility. Code interpretation is subject to requirements of local Code Authority.

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

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Selection Summary

Model No. & Option_____

Quantity_____

Approved for Manufacturing

Company_____Title_____

Signature_____Date_____

LR1741CBC-R-8MV Shown
R.H. Valve Orientation Shown - L.H Opposite
Side View Transfer Type Compartment Shown

NOTES:
1. CSHS Conical Upper Showerhead with Swivel Adjustment at 72".
2. CSHS Conical Lower Showerhead with Swivel Adjustment at 48" (MAX).
3. DIV series Diverter Valve with Tri-Lever Handle (Standard).
4. Control Valve: Type 8 | SV16 Mixing Valve with Tri-Lever Handle (Specify Valve Type).
5. -8MV option: Metering Air-control Hemispherical Pushbutton in Riser (Specify Valve Type).
6. 1832 series Recessed Soap Dish (Standard).
7. Control Area, ADA/CBC Standard Transfer Stall Type

Note: Units will conform with Transfer Type Compartment when installed properly.
Refer to Guidelines for Complete Details.

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