



Verge® with WashBar™ Technology – LVQ-Series

Key Features

- One piece, chrome-plated WashBar™ includes touch-free soap, water, and hand dryer
- WashBar technology intuitively guides user and eliminates simultaneous activations
- Basins available in polished Evero® Classic or Evero Matte cast guartz materials
- · Basin and drain engineered to evacuate water and dissipate air flow
- Single piece cast basin eliminates caulk lines and seams
- WashBar and basin system comes complete with mounting, access panel, drain assembly, and plumbing connections

Specifications

The Verge LVQD2 Wash Basin is 60" in length and is designed to accommodate one to two users at a time with standard lavatory spacing positioned on 30" centers. The single piece, all-in-one WashBar allows users to access soap, water, and a hand dryer without leaving the hand washing station. The unit handles washroom traffic quickly and economically, while providing each user with personal space. LVQD2 is available in Evero Classic - Geo Series or Pearl Series, or Evero Matte - Mason Series basin material.

Product Compliance

Listed by IAPMO R&T to

- Uniform Plumbing Code (UPC)
- National Plumbing Code of Canada
- International Plumbing Code (IPC)
- LVQD2 Evero Classic & Evero Matte: IGC 156 and the requirements of CSA B45.5/IAPMO Z124 and ASME A112.18.1/CSA B125.1
- LVQD2 Evero Matte: IGC 156 and the requirements of CSA B45.8/IAPMO Z403
- IGC 127 (WashBar)



Listed by UL to

 UL499, CAN/CSA C22.2 No 36-08 (Hand Dryer)



Sustainability

Evero Classic and Evero Matte participate in the mindful MATERIALS library





human consumption through drinking or for preparation of food or beverages.

This plumbing fixture is designed for hand washing only. It is not intended to dispense water for





Finishes



Listed by UL Environment to

· GreenGuard Gold

Complies with

• ICC/ANSI 117.1

NSF/ANSI 372

ADA

TAS

Click on any color swatch to view as a larger image.



Polished Chrome



Brushed Black Stainless*



Brushed Stainless*



Brushed Bronze*



Brushed Brass*



Brushed Nickel*

* PVD Finishes

Physical Vapor Deposition is an intricate, environmentally friendly finishing process that molecularly bonds the finish to the faucet, creating a very hard, durable surface that will not corrode, discolor, or tarnish.

Compatible Bradley Products

Verge Multi-Feed Soap System



Serves the American Disabilities Act and ICC/ANSI 117.1 guidelines, citations 306, 308, 309.4, 606.4, 606.5 when installed according to these requirements.

Consult local codes and standards.

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^{*}PVD Finishes, see PVD Finishes section.





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Construction

Basin

The basin has been designed to direct water to a trench drain and features a 300 series stainless steel drain cap. The basin and drain cap work together to evacuate water and dissipate airflow to prevent splashing on the user or floor. The basin is constructed of either the natural quartz surface Evero Classic - Geo or Pearl Series, or the natural stone-like quartz surface Evero Matte - Mason Series.

<u>Evero Classic - Geo Series</u> is a polished natural quartz surface made from a blend of bio-based resin, natural quartz, granite, and other exotic minerals.

<u>Evero Classic - Pearl Series</u> is a polished natural quartz surface made of bio-based resin, sea shells, and natural quartz.

<u>Evero Matte - Mason Series</u> is a matte natural stone-like quartz surface made from a blend of bio-based resin and a unique mixture of extra fine grade quartz.



Variations in the natural stone color, pattern, size, shape, and shade are inherent. Due to these unique characteristics, please expect subtle shade variations when units are installed adjacent to each other.

WashBar

All-in-One, chrome-plated cast metal WashBar includes touch-free soap, water, and hand dryer. Available in optional in-stock PVD finishes. Load tested to 500 pounds, the WashBar is secured to the basin with two anti-rotational shanks. Blue LED lights help guide the user to the WashBar, indicating the three functions. The LED light will change from blue to green to signify that the function is in use. Each function is easily identified by the corresponding icon on the WashBar's top surface.

Sensors are programmed to eliminate simultaneous activations of nearby functions. Each sensor includes a turn-off delay of 1-2 seconds to aid in a smooth, controlled hand-washing and drying operation. WashBar sensors are not affected by varying skin tones or darkness. Smart technology allows the facilities manager or maintenance staff to clean and configure with ease.

Cleaning Mode

WashBar has an activation feature to put the unit into cleaning mode to allow for easy cleaning of the WashBar and basin without activating the functions.

Configuration Mode

The WashBar also has a configuration mode to identify how many cycles are on the soap, faucet, and dryer. This mode also allows for dryer speed adjustment at low, medium, and high levels.

Soap Dispensers

The soap dispenser is located on the left side of the WashBar. This eliminates any soap from dripping on counters or onto the floor, minimizing slip hazards and allows for easy cleaning. Choose between a foam or liquid soap dispenser and either below fill or top fill multi-feed system.

Below Fill System

Each WashBar soap system accommodates up to a 1 gallon (3.78 L) container (included) to reduce the number of soap replacements. When the LED light above the soap function turns to solid red, check the soap level and replace the soap container with a full container if necessary. The soap system includes an adapter to fit many 1 gallon (3.78 L) soap containers that are available on the market.

Top Fill Multi-Feed System

Top fill multi-feed soap system includes a 166.5 oz tank and top fill port located on the top surface of the lav. Elegant translucent ring integrated on the fill port gives a glowing indication of low battery, low soap, and overflow conditions. When the LED light on the fill port ring flashes red, simply remove the fill port cap and replenish the soap via the fill port. Quantity of one fill port on the LVQD2 will provide soap to two WashBars.

Please visit https://www.bradleycorp.com/maintenance/soap-dispensers for soap recommendations.

Faucet

Faucet is located in the center of the WashBar and has a spray angle of approximately 17 degrees off the vertical. Choose either a 0.5 gpm (1.9 Lpm) or 0.35 gpm (1.30 Lpm) PCA silicone tip, non-aerated spray pattern. Maximum run time is 11 seconds. The 0.50 gpm (1.90 Lpm) flow control option is the equivalent to 0.09 gpc and the 0.35 gpm (1.30 Lpm) flow control option is the equivalent to 0.18 gpc. Automatic 5 second purge within 24 hours of the last use. Recommended operating range is 20-80 psi.

Drver

The hand dryer is located on the right side of the WashBar, allowing users to dry their hands immediately after washing. This virtually eliminates excess water on the floor. The dryer motor provides heated air at three speeds, high-medium-low, which can be field adjusted by placing the WashBar in configuration mode. The single sided dryer will dry hands in approximately 15 seconds depending on user preference. The decibel range with hands in air stream is 76 dB (high speed) to 64 dB (low speed).

Electrica

Total rated power of each WashBar station is 1200W. Each WashBar is powered by one 12 VDC power supply that plugs directly into its dryer or the electrical outlet. A properly grounded, dedicated 120 VAC, 15A GFCI minimum outlet must be provided and must be located no more than 4 feet from the installation of the dryer assembly. One duplex outlet is required per station to power the WashBar and dryer.

Access Panel

Minimalistic panel is composed of decorative 300 series stainless steel or black, powder-coated stainless steel. Plumbing components, dryer motor, and soap tank are concealed within the panel. Select the enclosed bottom access panel for vandal-prone applications. The new swing down access panel is designed to ease the maintenance process by eliminating tools and only requires one person for installation. Top edge of the access panel has been hemmed to reduce sharpness.

Support Bracket

Bracket design allows for flexible stud or wall blocking anchor locations. Eliminates the need for in-wall carriers and frame. System is IAPMO certified to meet or exceed ANSI load requirements.

Strainer and Drain Assembly System

Strainer and drain assembly system comes complete with 300 series stainless steel trench drain cap, tailpiece, and polypropylene P-trap. Optional chrome plated P-trap available. Select the slotted drain cap with vandal-resistant screws for vandal-prone applications. The multi-station system is configured with one drain and one set of supplies to reduce the cost associated with individual drains and supplies.

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Verge® with WashBar™ Technology – LVQ-Series

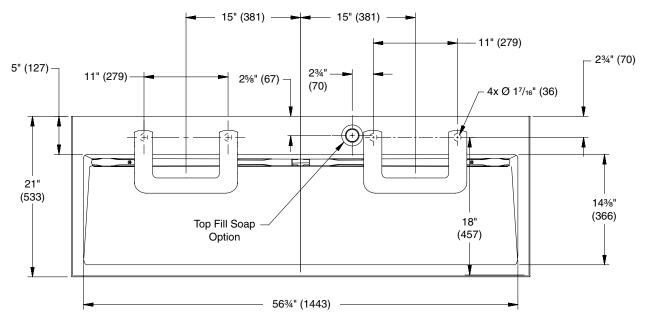
Models ((Must select or	ne)				WashBar Fi	ish Type ⁵ (select one)	
Model	Descript	tion				PC	Polished Chrome	
LVQD2	Verge with W	ashBar Technology – LV0	Q-Series, Two-Station			BB	Brushed Black Stainless	
Standard	d Selecti	ions (Must select	one from each cate	aorv)		BS	Brushed Stainless	
Country of		•		J-		BZ	Brushed Bronze	
C1	United States of	r Canada				BR	Brushed Brass	
Material Ty	/ PC (select on	ie)				BN	Brushed Nickel	
EC		- Polished Finish				NONE	No WashBar Finish ³	
Color of Fu	Evero Matte – N					Soap Type (elect one)	
Color of Eve	·	(select one) Ich to view as a la	raor imono			F .	oam Soap Dispenser	
Evero Classic -	•	LII IU VIEW AS A IAI	iyei iillaye.			L None	iquid Soap Dispenser Io Soap Type ³	
ANDORRA	_	Andorra	MOJAVE		Mojave	Soap Fill Sy	tem (select one)	
ANTARCTI		Antarctica	MYKONOS		Mykonos	BI	elow Fill (Individual, includes 1 gallon (3.72 L) container)	
ARUBA		Aruba	PATAGONIA		Patagonia	TS	op Fill Multi-Feed (Shared, includes 6-SOAP-MFT Multi-Feed Soap Tank As	sembly)
BLACK-SE		Black Sea	RAINIER		Rainier	Hand Dryer	ype (select one) DC Motor 120V/60Hz, 20A	
DENALI		Denali	SIENA		Siena	NONE	Io Hand Dryer ³	
GLACIER		Glacier Bay	SIERRA		Sierra Madre	Power Supp	y (select one)	
KALAHARI		Kalahari	YUKON		Yukon	BA	Multi-Feed Battery - 4x D-Cell Batteries Included	
					TUKUII	1 1 '	y BA available only with Soap Fill System TS. y available with plug-in adapter.	
AKOYA		(available at an addit Akoya	ional cnarge) BLACK-MOON		Black Moon		Cap Type (select one)	
		•	DLAGK-WIUUN		DIAUK IVIUUII	DR1	Stainless Steel Trench Drain Cap ⁴	
Evero Matte - I			LIIMAD CDAV		Lupar Cray	DR2	Slotted Stainless Steel Trench Drain Cap w/Vandal Screws 4	
		Bedrock	LUNAR GRAY		Lunar Gray		Type (select one)	
CINDER	_	Cinder	MESA WHITE		Mesa White	STAIN Stain-e	wing Down Stainless Steel Swing Down Stainless Steel w/Enclosed Bottom	
DESERT C		Desert Clay	SANDBAR		Sandbar	PWB	Swing Down Matte Black Powder-Coated Stainless Steel	
LIMESTON		Limestone				PWB-E	wing Down Matte Black Powder-Coated Stainless Steel w/Enclosed Botton	n
WashBar Ty		· ·					Fastener Type (select one)	
WB1 WB2		w/Touch-Free Time of Fli w/Touch-Free Time of Fli	•			TS VS	'humb Screw 'andal Resistant Screw	
WB1-DO	WashBar WB1 I		gni oonsoi Aonvanon			CL	Cam Lock	
WB2-D0	WashBar WB2 I	Drilling Only				Waste Asse	nbly Type (select one)	
Water Supp		-				S-POLY	Single Polypropylene P-Trap	
T L	•	ermostatic Mixing Assemled Line Assembly (Supply	, , , , ,		,	S-CHROME	Single Chrome-Plated P-Trap	
Flow Contro		, , , , , ,	1 10303 and Ondi-Ons II	ioidut	u,		laterial Type EC only.	
3		ect one)) Lpm) PCA Silicone Tip,	Multinle Individual Lam	ninar Fl	low Streams		laterial Type EM only. th WB1-D0 or WB2-D0	
5 None		Lpm) PCA Silicone Tip,				4 Available in sta	less steel finish only. vill match Top Fill (TS) port finish.	



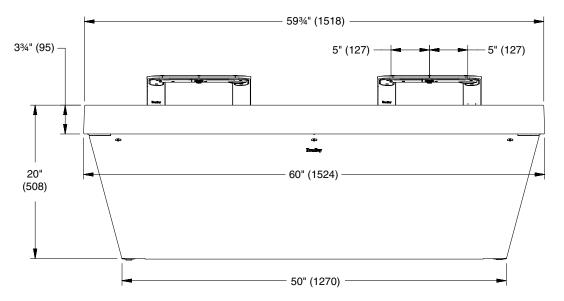
Dimensions for LVQD2 Wash Basin - WB1

(mm)

Top View



Front View

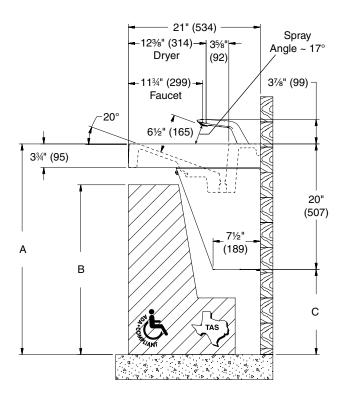




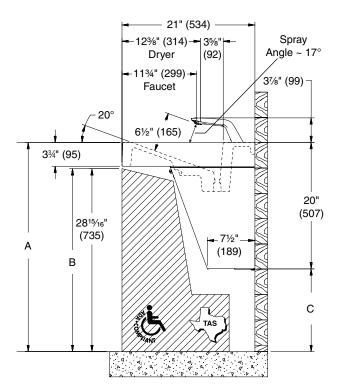
Dimensions for LVQD1 Wash Basin - WB1

(mm)

Side View



Side View - Canadian Standards



	ADA/TAS Standard Height	ADA/TAS Juvenile Height (Children 6-12 years)
Dim A	33½" (851)	30½" (775)
Dim B	27" (686)	24" (610)
Dim C	13½" (343)	10½" (267)

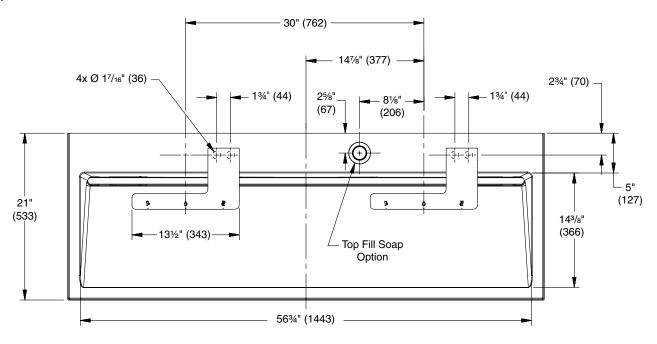
	CSA Standard Height
Dim A	33½" (851)
Dim B	2929/32" (760)
Dim C	13½" (536)



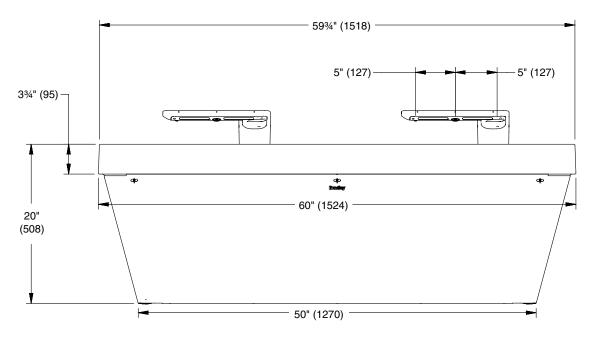
Dimensions for LVQD1 Wash Basin - WB2

(mm)

Top View



Front View



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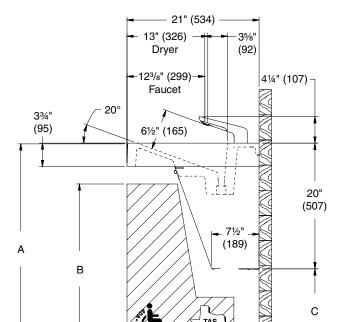
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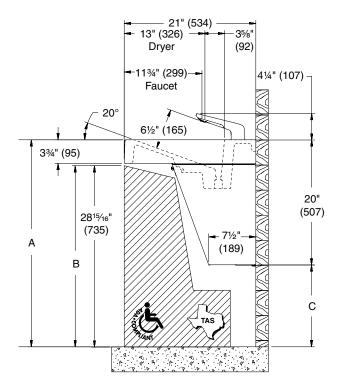
Dimensions for LVQD1 Wash Basin - WB2

(mm)

Side View



Side View - Canadian Standards



	ADA/TAS Standard Height	ADA/TAS Juvenile Height (Children 6-12 years)
Dim A	33%" (848)	30½" (775)
Dim B	27" (686)	24" (610)
Dim C	13½" (343)	10½" (267)

	CSA Standard Height	
Dim A 33½" (851)		
Dim B	2929/32" (760)	
Dim C	13½" (536)	



Structural Rough-Ins for Bowl & Access Panel

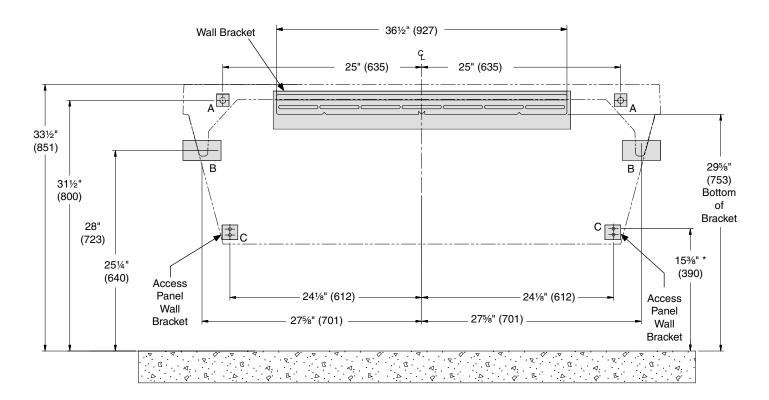
(mm)

▲WARNING Ensure bowl is completely seated in the wall bracket and securely fastened to the wall at point A.



Points A, B, and C (highlighted in gray) require sufficient backing compliant with local building codes.





CODE	DESCRIPTION	
Α	A Install (1) 3/8" wall anchor with a minimum pull-out force of 1,000 lb per local codes at locations shown.	
В	Provide structural backing compliant with local building codes.	2
С	Install wall anchor with a minimum pull-out force of 100 lb per local codes at locations shown.	4

^{*} Measured from center of top slot on access panel wall bracket

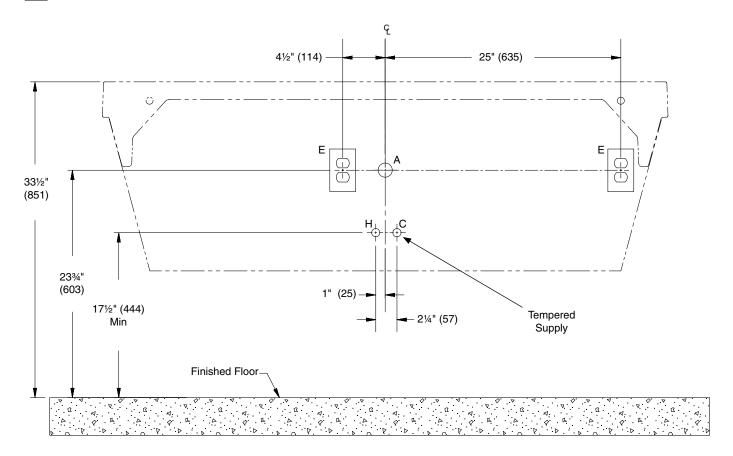
RIM HEIGHT	VERTICAL HEIGHT ADJUSTMENTS	FIXTURE STYLE
33½"	No Adjustment	Standard Height ADA, TAS, and CSA
301/2"	Subtract 3"	Juvenile ADA, and TAS



Plumbing and Electrical Rough-Ins for LVQD2 Wash Basin

(mm)





CODE	DESCRIPTION	
А	1½" NPT Drain, Stub-out 2" from wall	
H,C	½" Nominal (%" O.D. Comp.) Hot/Cold supplies, Stub-out 2" from wall	1
E	Dedicated 120VAC, 15A GFCI minimum outlet must be provided, which is properly grounded and no more than 4 ft from the installation of the dryer assembly*	2

^{*}If no GFCI outlet is provided, contact a licensed electrician to ensure proper electrical connections in accordance with local building codes. Troubleshooting and internal maintenance must be performed by qualified service personnel.



Structural Rough-Ins for Top Fill Soap

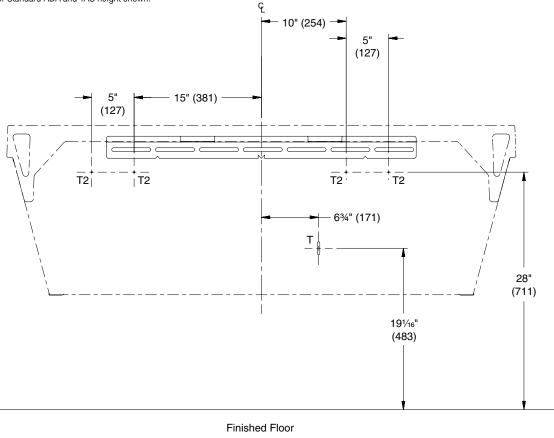
(mm)

▲ WARNING Ensure bowl is completely seated in the wall bracket and securely fastened to the wall at point A.



Points T and T2 require sufficient backing compliant with local building codes.





CODE	DESCRIPTION	
T	#10 Wall Anchors for Top Fill Soap Tank Mount	
T2	#10 Wall Anchors for Top Fill Soap Control Box Bracket	4

^{*} Measured from center of top slot on access panel wall bracket

ı	RIM HEIGHT	VERTICAL HEIGHT ADJUSTMENTS	FIXTURE STYLE
	331/2"	No Adjustment	Standard Height ADA, TAS, and CSA
	301/2"	Subtract 3"	Juvenile ADA and TAS



Structural Rough-Ins for Bottom Fill Soap

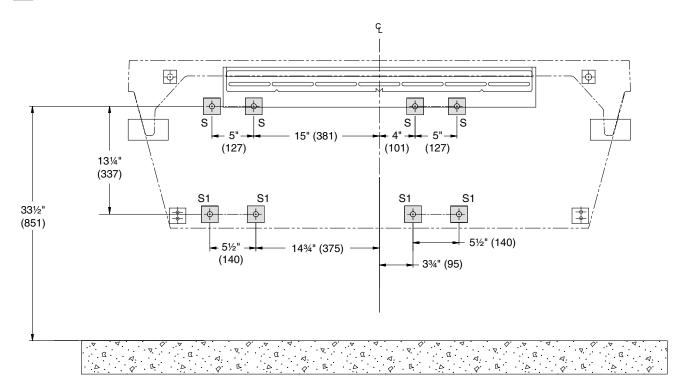
(mm)

▲WARNING Ensure bowl is completely seated in the wall bracket and securely fastened to the wall at point A.



Points S and S1 (highlighted in gray) require sufficient backing compliant with local building codes.





CODE	DESCRIPTION	QTY.
S	#10 Wall Anchors for Soap Control Box Bracket	4
S1	#10 Wall Anchors for Soap Tank Bracket (100 lb pull out force)	4

^{*} Measured from center of top slot on access panel wall bracket

RIM HEIGHT	VERTICAL HEIGHT ADJUSTMENTS	FIXTURE STYLE
33½"	No Adjustment	Standard Height ADA, TAS, and CSA
30½"	Subtract 3"	Juvenile ADA and TAS