Wall Mount Heavy Duty Vandal Resistant ADA Cooler Non-filtered Refrigerated Stainless

Model VRCHD8S

PRODUCT SPECIFICATIONS

Wall Mount Heavy Duty Vandal Resistant ADA Cooler Non-filtered Refrigerated Stainless. Chilling Capacity of 8.0 GPH (gallons per hour) of 50° F drinking water, based on 80° F inlet water and 90° F ambient, per ASHRAE 18 testing. Features shall include Heavy Duty Vandal Resistant. Furnished with Vandal Resistant StreamSaver ™ bubbler. Mechanical Front Bubbler Button activation. Product shall be Wall Mount (On Wall), for Indoor + Outdoor applications, serving 1 station(s). Unit shall be certified to UL 399 and CAN/CSA C22.2 No. 120.

Special Features:	Heavy Duty Vandal Resistant	
Finish:	Stainless Steel	
Power:	115V/60Hz	
Bubbler Style:	Vandal Resistant StreamSaver ™	
Activation by:	Mechanical Front Bubbler Button	
Mounting Type:	Wall Mount (On Wall)	
Chilling Capacity*:	8.0 GPH	
Full Load Amps	5	
Dimensions (L x W x H):	18-3/16" x 18-9/16" x 20-7/16"	
Approx. Shipping Weight:	76 lbs.	
Installation Location**:	Indoor + Outdoor	
No. of Stations Served:	1	

*Based on 80° F inlet water & 90° F ambient air temp for 50° F chilled drinking water.

**When used in non-temperature controlled environments, unit(s) must be adequately winterized and/or protected from extreme heat to prevent damage where climates dictate.

 Mechanically-Activated unit continues to supply water in event of service disruptions.

COOLING SYSTEM

- Compressor: Hermetically-sealed, reciprocating type, single phase. Sealed-in lifetime lubrication.
- Condenser: Fan cooled, copper tube with aluminum fins. Fan motor is permanently lubricated.
- Cooling Unit: Combination tube-tank type. Continuous copper tubing with is fully insulated with EPS foam that meets UL requirements for self-extinguishing material.
- Refrigerant Control: Refrigerant R-134a is controlled by accurately calibrated capillary tube.
- Temperature Control: Easily accessible enclosed adjustable thermostat is factory preset. Requires no adjustment other than for altitude requirements.



Included with Product: Water Cooler Ships in one box.

A Century of Tradition and Quality.
For more than 100 years, Elkay has been making innovative products and providing exceptional customer care. We take pride in offering plumbing products that make life easier, inspire change and leave the world a better place.



PRODUCT COMPLIANCE

ADA & ICC A117.1

ASME A112.19.3/CSA B45.4

Buy American Act

CAN/CSA C22.2 No. 120

NSF/ANSI 61 (Q≤1) & 372 (lead free)

UL 399







Complies with ADA & ICC A117.1 accessibility requirements when installed according to the requirements outlined in these standards. Installation may require additional components and/or construction features to be fully compliant. Consult the local Authority Having Jurisdiction if necessary.

Installation Instructions (PDF) - 98975C

5 Year Limited Warranty on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Warranty pertains to drinking water applications only. Non-drinking water applications are not covered under warranty.

Warranty (PDF)

PART:	QTY:
PROJECT:	
CONTACT:	
DATE:	
NOTES:	
APPROVAL:	

In keeping with our policy of continuing product improvement, reserves the right to change product specifications without notice. Please visit for the most current version of product specification sheets. This specification describes product with design, quality, and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.



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Optional Accessories		
<u>EWF172</u>	Universal Filtration Kit (1500-Gallon) Spec Sheet (PDF)	(b)
MLP100	In-wall Carrier for Single-station On-wall Bottle Fillers Coolers & Fountains Spec Sheet (PDF)	

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tube to attach

OPERATION OF QUICK CONNECT FITTINGS

in position

Simply push in |Tube is secured |Push in collet to

release tube

000

IMPORTANT! INSTALLER PLEASE NOTE:

5-3/4" (146mm)

Ε

D

Ø 5/16" (18mm) (5 HOLES)

This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

The grounding of electrical equipment such as telephone, computers, etc to water lines is a common procedure. This grounding may be in the building or occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

NOTICE

The water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement. The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.

1-3/8"

(35mm)

18-3/16"

(463mm)

1-3/8"

(35mm)

4-9/16"

(116mm)

2-1/2"

(63mm)

3-1/2"

(89mm) 4-1/2"

(114mm)

9-15/16"

(252mm)

E

11/16"

(18mm)

Pushing tube in before pulling it out helps to release tube 1/4" O.D. tube 3/8" O.D. Tube connect Building water water inlet to cold water supply inlet cooler Servicé stop NOTE: Waterflow (Not furnished) direction 18-9/16" (471mm) 3" 15-9/16' (76mm) (395mm) HANGER BRACKET-32-9/16" (827mm) ORIFICE 8-1/8" **HEIGHT** (206mm) 6-13/16" (173mm)31-1/2" (185mm) (800mm) RIM 1-1/2" **HEIGHT** (38mm) 27" (686mm) 6-1/2" ADA (165mm) REQUIREMENT 11-1/16" (280mm)FINISHED FLOOR

REDUCE HEIGHT BY 3 INCHES FOR INSTALLATION OF CHILDRENS ADA COOLER

12-5/8"

(320mm)

7-1/4"

2-5/8"

(67mm)

29-5/8"

(753mm)

25" (635mm)

21-3/8"

(543mm)

A = Recommended water supply location. Shut off valve (not furnished) to accept 3/8" O.D. unplated copper tube. 3" (76mm) maximum out from wall. B = Recommended location for waste outlet 1-1/4" O.D. drain. Drain stub 2" (51mm) out from wall.

5-3/4"

(146mm)

C = 1-1/4" Trap not furnished.

D = Electrical supply (3) wire recessed box.

18-3/8

(467mm)

E = Insure proper ventilation by maintaining 6" (152mm) (MIN.) clearance from cabinet louvers to wall.

F = 7/16" Bolt holes for fastening unit to wall.

NOTE: Installation instructions must use Ground Fault Circuit Interrupter (GFCI).

(127mm)

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Simply push in

tube to attach

1/4" O.D. tube

water inlet to

cooler

OPERATION OF QUICK CONNECT FITTINGS

in position

Tube is secured | Push in collet to

release tube

Pushing tube in before

pulling it out helps to

release tube

3/8" O.D. Tube connect

cold water supply

- 02-07 777/

Building water

inlet

Model VRCHD8S

IMPORTANT! INSTALLER PLEASE NOTE:

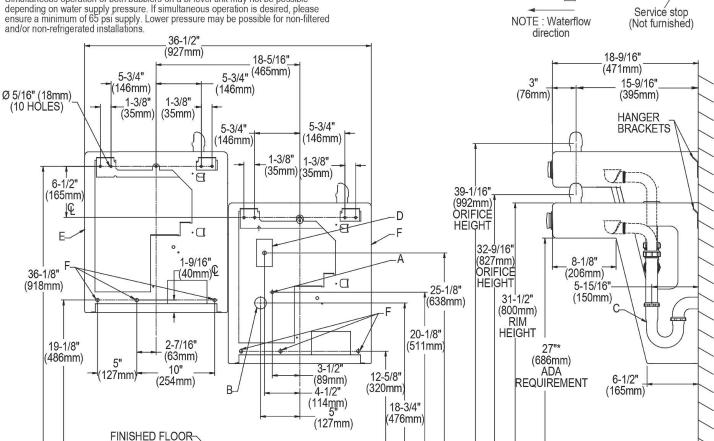
This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

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Simultaneous operation of both bubblers on a bi-level unit may not be possible depending on water supply pressure. If simultaneous operation is desired, please ensure a minimum of 65 psi supply. Lower pressure may be possible for non-filtered



REDUCE HEIGHT BY 3 INCHES FOR INSTALLATION OF CHILDRENS ADA COOLER

LEGEND

A = Recommended water supply location. Shut off valve (not furnished) to accept 3/8" O.D. unplated copper tube. 3" (76mm) maximum out from wall. B = Recommended location for waste outlet 1-1/2" O.D. drain. Drain stub 2" (51mm) out from wall.

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