



Barrier-Free Cooler

MODEL HCRFER-Q



This water cooler is certified to **NSF/ANSI 61**.

GENERAL

Modular, electric refrigerated, wall-mounted water cooler designed to be easily accessible to physically challenged individuals. When properly installed, unit meets state and federal requirements as defined by the Americans with Disabilities Act for both children or adults. Unit is certified to NSF/ANSI 61 and meets requirements of the Safe Drinking Water Act. Unit provides 50° F water at 80° F inlet water and 90° F ambient.

FOUNTAIN

Face-mounted, one-piece, non-corrosive stainless steel cooler top, number 300 series with satin finish, contour-formed basin with softly rounded corners and edges.

BUBBLER

Exclusive one-piece, chrome-plated two-stream mound-building bubbler with non-removable anti-squirt feature and integral hood insures a satisfying drink of water.

PUSHBUTTON ACTUATION MECHANISM

Self-closing, vandal-resistant pushbutton does not require grasping or twisting.

AUTOMATIC STREAM HEIGHT REGULATOR

Self-closing assembly is located inside unit to prevent tampering. Unit resists corrosion and liming. A constant stream height is automatically maintained under line pressures that vary from 20 to 105 psi.

INLET STRAINER

Easily cleaned in-line strainer screen traps particles of 140 microns or larger before they enter the waterway.

REFRIGERATION SYSTEM

Hermetically sealed, positive start compressor with lifetime lubrication and built-in overload protection, efficient capillary sizing, large capacity dryer-strainer, and self-lubricated fan cools copper/aluminum condenser. System uses R134A refrigerant. Protected by Halsey Taylor's Limited 5 Year Warranty.

MOUNTING FRAME

Mounting frame is manufactured of corrosion resistant, galvanized steel. Open construction designed for ease of installation. Mounting frame can be shipped in advance for rough-in installation.

PANELS

Constructed of stainless steel, No. 300 series with satin finish. Removable lower panel provides access to plumbing and refrigeration system. Panels overlap wall opening 1/2".

SUGGESTED SPECIFICATIONS

Shall deliver 7.5 GPH of 50° F water at 90° F ambient and 80° F inlet water. Fountain shall include pushbutton valve on front, contour-formed basin to eliminate splashing and standing water, and rounded corners and edges. Bubbler shall be chrome plated, two-stream, mound- building type. Cooling unit shall have a high efficiency positive start compressor using R134A, with pressurized counterflow cooling evaporator/chiller. Cooler shall comply with ANSI 117:1 and ADA for visual and motion disabilities. The manufacturer shall certify the unit to meet the requirements of NSF/ANSI 61, and the Safe Drinking Water Act. Unit complies with ARI Standard 1010.

NOTE: Continued product improvement makes specifications subject to change without notice. See Halsey Taylor website for most current spec sheet.



Standard finish is Stainless Steel

Optional Accessories (extra cost)

- Vandal-Resistant Kit
- Water Filter
- Easy-Flex™ Bubbler

Each HCRFER-Q consists of 3 cartons as follows:

- Mounting Frame
- Cooling Unit-SJ8-Q
- Fountain, Panels & Misc. Parts

JOB NAME: _____

 ENGINEER/CONTRACTOR NAME:

 APPROVAL: _____
 DATE: _____

HRF BARRIER-FREE SERIES

Model No.	GPH Capacity Cooled to 50° F*				Base Rate Cap.	F.L. Amps	Shipping Weight lb.	Rated Watt Usage
	Ambient Air Temp							
	70°F	80°F	90°F†	100°F				
HCRFER-Q	9.3	8.3	7.5	6.8	7.5	4.0	84	370

* With projector service and tap water at 80° F

For additional specification of the cooling unit, see specification sheet for Model SJ8 Remote in this catalog.

† UL listed and complies with ARI Standard 1010

Trap and service stop not included



HCRFER-Q

Contour™ Barrier-Free Cooler

(CONTINUED)

WALL OPENING

IMPORTANT: It is necessary to create a wall opening 18 3/4" W x 37 3/4" H and 4 1/2" above the floor line.

MOUNTING INSTRUCTIONS

Refer to rough-in for location of plumbing and electrical sources. The support frame is to be installed first. The shelf for the water chiller should be assembled to the wall frame, and then place chiller into position. Hang upper fountain panel to hanger on frame. Fountain is to be attached to panel and wall frame. Water service line, waste line and electrical is assembled as required. The bottom panel is attached last, after a final check for leaks and correct functions of fountains and chiller. (For details see the installation instructions.)

Installation requires trap to be installed in wall. Trap and service stop not included.

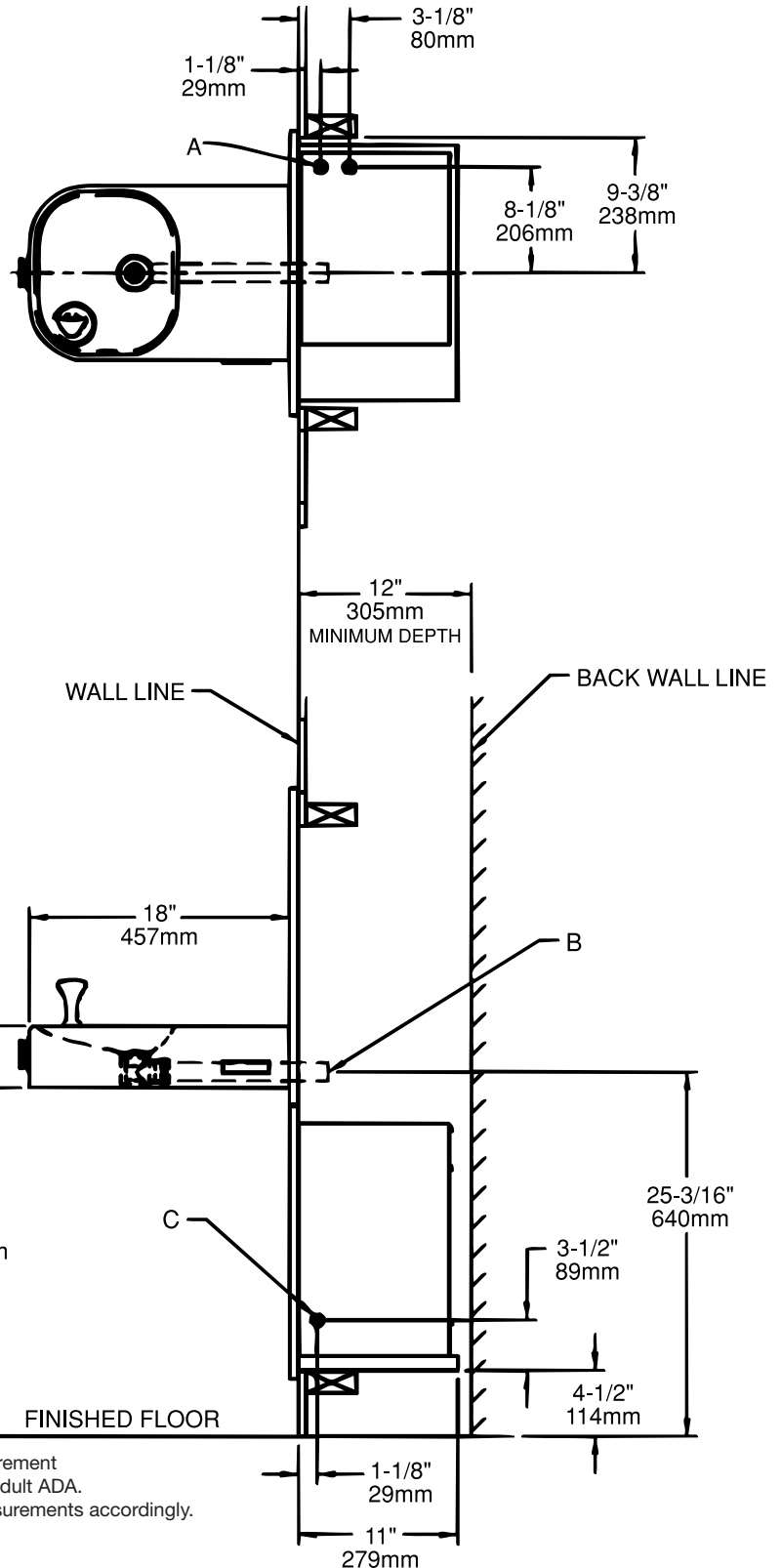
OPERATING PRESSURES:

Supply water - 105 psi maximum

ELECTRICAL DATA

Junction box for a (3) wire 10 AMP branch circuit. Standard 120 volt, 60 HZ, single phase.

TOP & SIDE VIEW



*Child ADA Requirement
27" (686mm) for adult ADA.
Adjust other measurements accordingly.

LEGEND:

- A = 3/8" O.D. TUBE CONNECT (CHILLER WATER INLET) SHUT OFF VALVE BY OTHERS
- B = 1-1/4" O.D. WASTE TUBE (ELBOW & TRAP NOT PROVIDED)
- C = ELECTRICAL INLET

Halsey Taylor®