

U-CHILL[®]

DESIGN & INSTALLATION GUIDE

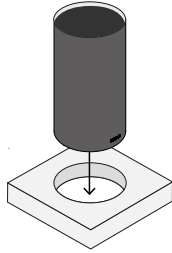
CONTENTS

- 1. Quick-step Guide 3
- 2. Intro to U-Chill 4
- 3. Inside the box 5
- 4. Design Allowances 6
- 5. Ventilation 7
- 6. Install: Curved 9
 - 6.1 Opening Specification 9
 - 6.2 Installation 10
- 7. Power Up & Test 13
- 8. Specifications 14
- 9. Transport & Handling 15
- 10. Safety Notice 15

1. QUICK-STEP GUIDE

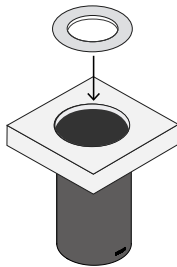
CURVED DESIGNS

STEP 1.



Lower U-Chill into fabricated opening,

STEP 2.

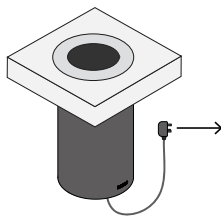


Place the Crown on U-Chill.

STEP 3.

Connect U-Chill cord with the power supply cord.

STEP 4.



Plug power supply cord into electrical outlet.

STEP 5.

Turn on power outlet.

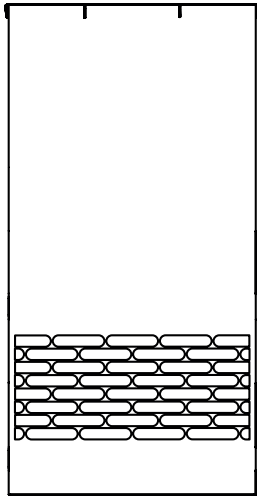
2. INTRO TO U-CHILL

U-Chill keeps your drink at its opening temperature, so every sip is as cool as the first.

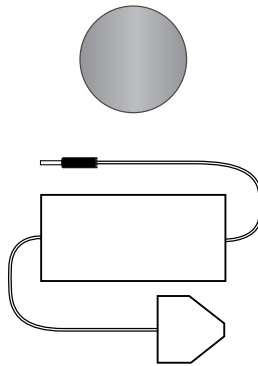
It can be easily integrated into any surface. Simply specify an opening, place U-Chill in, then plug into an electrical outlet. We recommend the opening is cut by a countertop fabricator, and installation can be completed by kitchen installers.



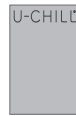
3. INSIDE THE BOX



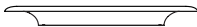
U-Chill or
U-Chill Plus



Rubber Mat
Power Adapter



User Guide*
This Guide



Curved Crown

*Ensure the User Guide is given to the end-user

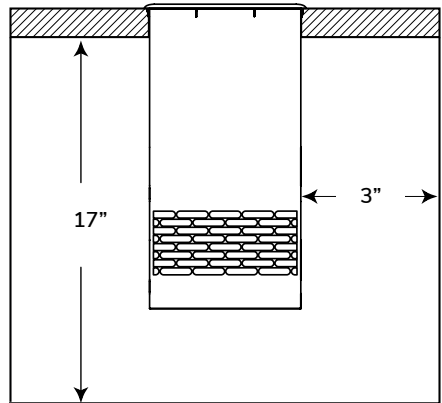
4. DESIGN ALLOWANCE

When designing with U-Chill, all that's required is the specification of an opening, an accessible power outlet and, depending on the size of the space, a small vent for good airflow.

4.1 MINIMUM ALLOWANCES

Ensure that the space has a minimum internal height of 17" and the U-Chill unit is at least 3" away from the internal walls.

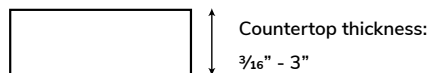
If installing multiple U-Chill's into one space, ensure that the center points of each opening are least 7 7/8" apart.



4.2 SURFACE

Countertop thickness allowances between 3/16" - 3".

Do not install into metal or glass surfaces.



4.3 MARINE APPLICATIONS

This product is sold with a 110-240v powerpack that delivers a regulated 12v supply that is essential for operation and warranty. This powerpack must be used in all applications, as it provides a regulated 12v supply, particularly if the product is to be used in a marine/battery environment where supply voltage may fluctuate.

If designing U-Chill into a yacht or marine environment:

- Install in-cabin and keep dry
- Keep away from chlorinated water, such as hot tubs and swimming pools

5. VENTILATION

We advise that a small vent is included in all installations, to allow sufficient airflow to the U-Chill base unit. Be aware if the ambient air around the U-Chill is above 32 degrees, the unit will not function as intended and shut down.

If ventilation isn't possible, there are larger spaces which don't require it, see below for details.

If ventilation is not possible in smaller spaces than what is required, we do not recommend installing your U-Chill as functionality may be compromised.



Ventilation is not required when U-Chill is installed into a space with a volume larger than 4.5 cu. ft.

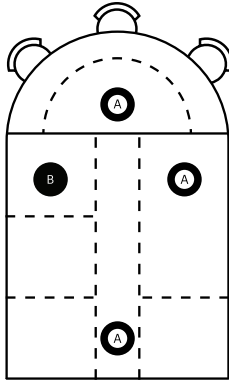


A small vent is required when U-Chill is installed into a space with a volume smaller than 4.6 cu. ft.

See following page for further instructions.

INSTALLATION CONSIDERATIONS

- Ensure U-Chill is not installed in close proximity to appliances that generate heat
- Ensure the base and sides of the U-Chill are not obstructed
- Ensure the base and sides of the U-Chill are not located in an area where they are vulnerable to damage or obstruction

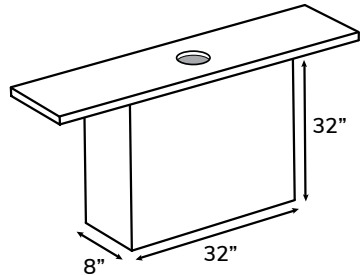


5.1 EXAMPLE A - NON-VENTED INSTALL

Spaces that are greater than 4.5 cu. ft. do not require ventilation when a single U-Chill is installed.

If installing multiple U-Chills into a single space, ensure that the void allows for at least 4.5 cu. ft. per U-Chill, otherwise ventilation is required.

This example would not require ventilation:
 $8" \times 32" \times 32" = 4.7 \text{ cu. ft.}$

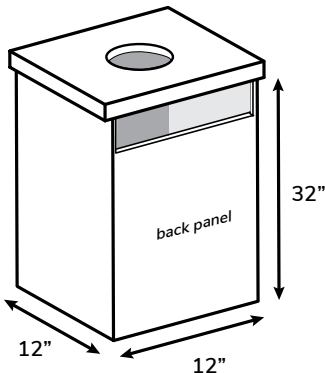


5.2 EXAMPLE B - VENTED INSTALL

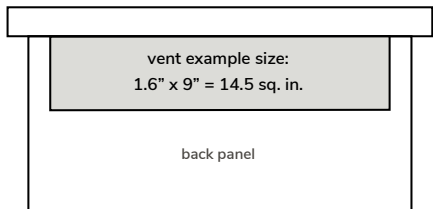
Spaces that are less than 4.5 cu. ft. require a small vent into another void or into ambient air to allow for better airflow circulation.

The vent should have an area of at least 14 sq. in. and is usually best placed in the back panel. We recommend the vent to be placed at the top of the panel for improved air flow.

This example would require a vent: $12" \times 12" \times 32" = 2.54 \text{ cu. ft.}$



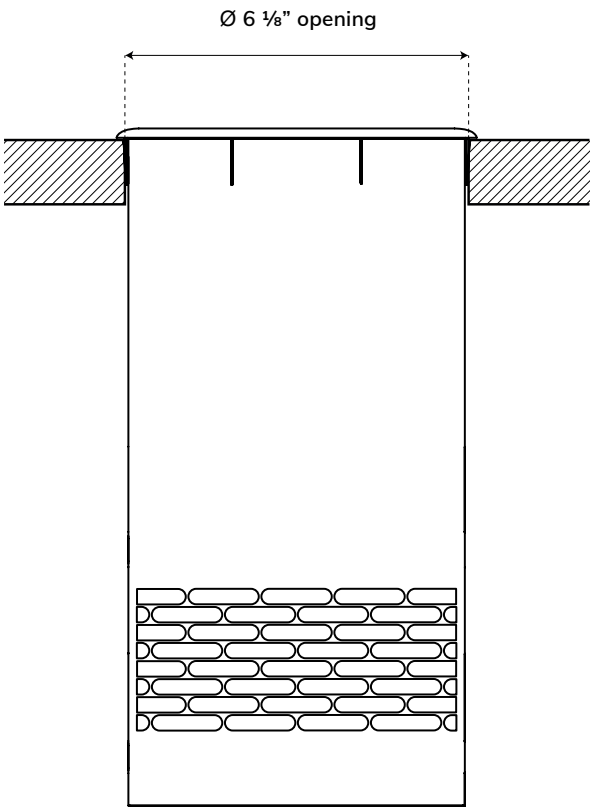
8



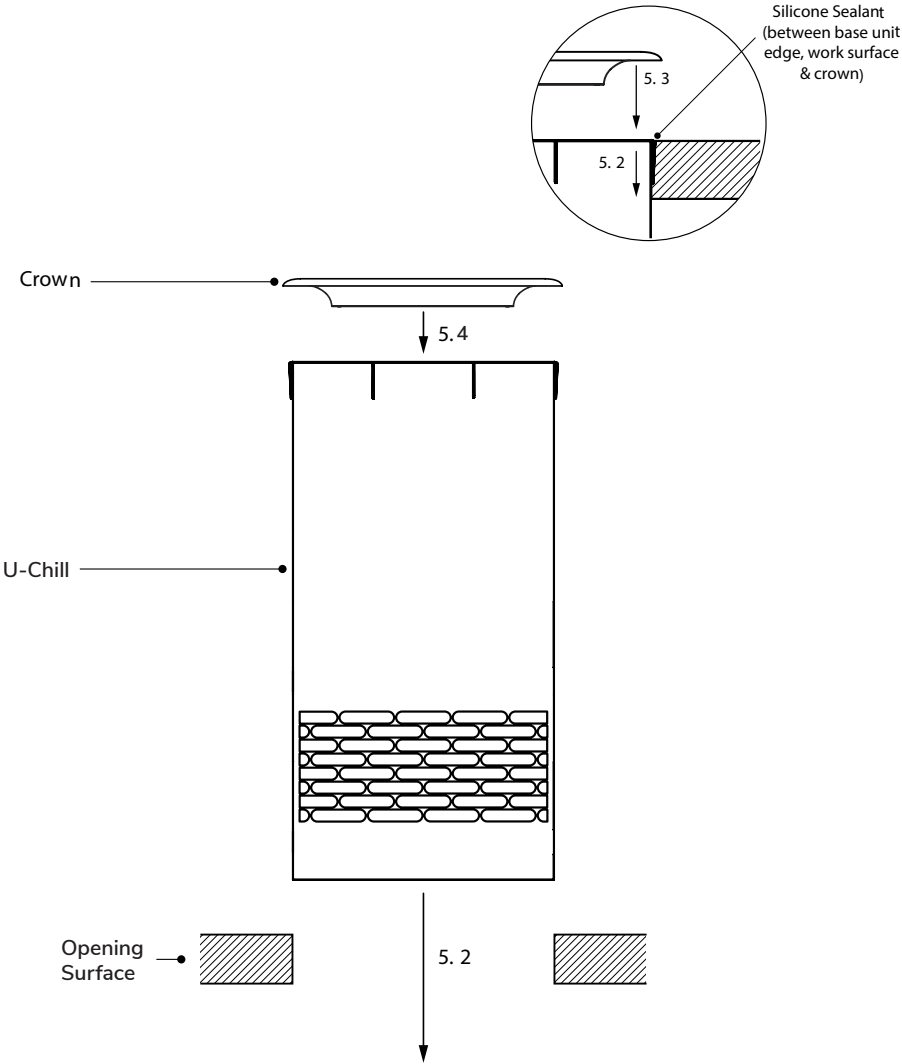
6. INSTALL

6.1 OPENING SPECIFICATION

A 6 1/8" opening can be created using CNC or water jet cutting.



6.2 INSTALLATION



IMPORTANT

Always place the Crown onto the U-Chill unit before plugging into the electrical outlet.
If not, the touch controls will not calibrate and it will not function correctly

6.1 CUT OPENING & VENT

- For opening - see page 10
- For ventilation - see section 5

6.2 INSERT U-CHILL

- Carefully lift the U-Chill from the box using two hands and lower slowly into opening. Push down evenly to secure the unit in place
- There is a black circular seal on the base unit top where the Crown will sit, don't remove this

6.3 SEAL SURFACE

- Before placing the Crown onto the U-Chill, it is recommended to place a bead of silicone at the edge of the U-Chill unit lip
- Ensure no silicone is between the Crown and U-Chill unit magnets

6.4 ATTACH CROWN

- Place the Crown onto the U-Chill, push down evenly to attach the magnets
- Wipe away any excess silicone, taking care not to scratch the Crown surface
- Remove the protective film from the Crown
- Always ensure the Crown is attached before plugging into electrical outlet

6.5 POWER UP

- The power pack generates a small amount of heat, so place as far away from the U-Chill as the installation space and cable allows
- Ensure the power pack is not near a surface that might be subject to liquids. Best practice is to mount onto a surrounding wall
- Don't remove the Crown once powered up. If it is removed, unplug from the electrical outlet, place the Crown back on. Wait 15 seconds, then turn on.

7. POWER UP & TEST

7.1 POWER UP & ENJOY

- Once power is detected, the U-Chill will light up. To turn the U-Chill on, simply hold your finger on the Crown
- For full User Guide instructions, go to u-line.com

7.2 TESTING

- Once U-Chill is installed, please perform the following tests to ensure optimal performance:
- Check the U-Chill is secure by applying pressure into the chamber
- Hold your finger on the Crown until the lights turn on
- Tap the Crown 3 times, wait until it flashes, then tap repeatedly to check the lights change color
- Touch the base of the chamber after 3 minutes to check the U-Chill is cold
- To turn off, touch and hold the Crown for 2 seconds until the lights turn off

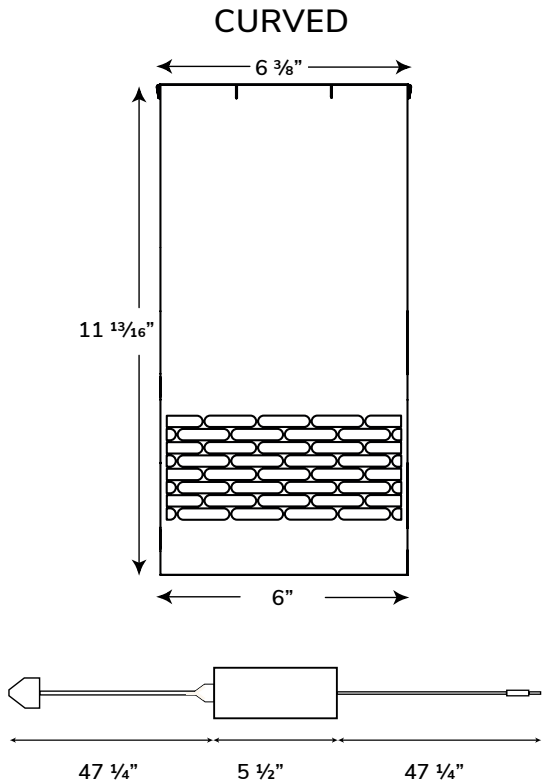
7.3 ADDITIONAL TESTING FOR U-CHILL PLUS ONLY

- Hold your finger on the Crown until the lights turn on
- Hold your finger down on the Crown. Check that the lights change from off, to red, to blue then white

7.4 TROUBLESHOOT

- If the U-Chill is not operating properly, unplug it from the outlet. Ensure the Crown is securely attached to the U-Chill, wait 15 seconds, then plug it back in.
- Perform steps 7.2 again
- If the problem persists, get in touch:
+1.414.354.0300
- Note the unique serial number when getting in touch. This be found at the base of the chamber, underneath the mat, and on the side of the base unit

8. SPECIFICATIONS



Adapter Input Voltage	100 to 240V AC, 2.5A, 50-60Hz
U-Chill Input Voltage	12 volts
Max Power Usage	90 watts
Max 12v DC Amps	7.5 amps
Auto Switch Off	After 4 hours <small>Tap within the last hour to extend Auto Switch Off by an extra hour</small>
Ambient Temp. Limit	10 to 32°C / 50 to 90°F <small>U-Chill will automatically switch off if the temperature is above 32°C / 90°F</small>

9. TRANSPORT & HANDLING

Please only install a U-Chill into a fixed surface or unit that will not be moved. If the surface or unit must be moved, please return the U-Chill to its original packaging and install once the surface/unit is in its final location and position.

Damages to the appliance, as a result of transporting while installed are not covered under the U-Chill warranty.

10. SAFETY NOTICE - IMPORTANT

This appliance should not be used by children of any age, or persons with reduced physical, sensory, or mental capacities, unless supervised by an adult at all times.

When U-Chill is on and in Boost mode, individuals should refrain from putting their hand deep within the lower part of the chamber, due to hazards from cold surfaces.

For stability, and to avoid hazards, the appliance must be fixed in accordance with the included installation instructions.

We recommend unplugging the U-Chill when not in use.

U-CHILL[®]

For additional support, please contact:

customer care@u-line.com or call us at +1.414.354.0300

This guide is available online at u-line.com/u-chill