

KAELO



DESIGN & INSTALL GUIDE

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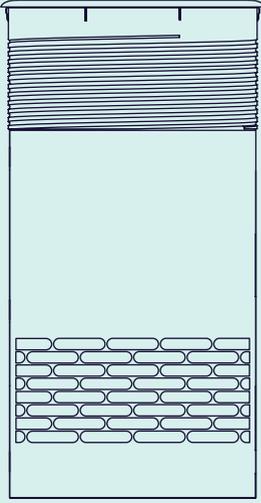
INSTALL CHECKLIST

To be eligible for free installation, the location for the Kaelo must comply with the checklist:

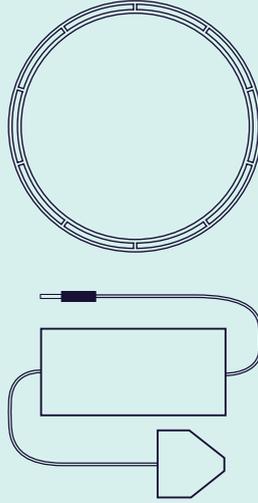
- Kaelo will fit into the enclosure under the counter (see 3.1)
- Access is available to the underside of the counter
- In 1.5m proximity to mains plug socket, or an extension cable available
- Ventilation is sufficient (see 4.1)
- If not, you're happy for a vent to be cut into the enclosure
- If Kaelo is being placed into a glass counter, the hole must be pre-cut before your Kaelo installer arrives

If you are unsure of any of these items, please contact us on +44 (0) 20 787 01115 or email support@kaelo.co.uk and we'll be able to help.

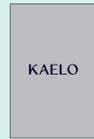
1. INSIDE THE BOX



Kaelo



Clamp
Power Adapter



This Guide
User Guide

2. INTRO TO KAELO

Kaelo is an open bottle host, it keeps the wine chilled and the conversation flowing.

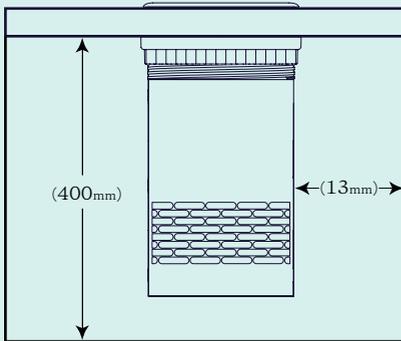
It's a dry-cold chamber that can be integrated into any table or countertop, to serve a drink at it's perfect temperature.



3. DESIGN ALLOWANCE

Designing with Kaelo is incredibly easy. All that is required is the specification of a hole, a power socket and, depending on the size of the void, a small vent.

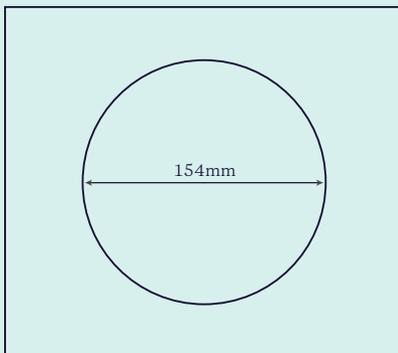
3.1 MINIMUM ALLOWANCES



Ensure that the void has a minimum internal height of 400mm and the hole is at least 13mm away from the internal walls.

If installing multiple Kaelos into one void, ensure that the centre points of each hole are 200mm apart (48mm distance from edge of one Kaelo crown to the next).

3.2 HOLE SPECIFICATION

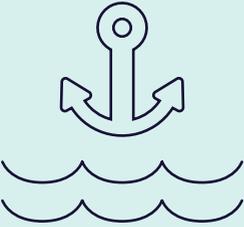


A 154mm hole can be created using:

- CNC / water jet cutting
- A standard 152mm hole saw



3.3 MARINE APPLICATIONS



If designing Kaelo into a yacht or marine environment:

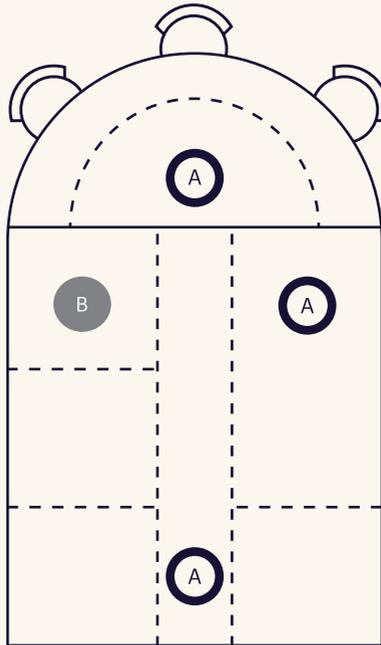
- Please ensure to specify our Kaelo Marine model
- Install in-cabin and keep dry

- Keep away from chlorinated water, such as hot tubs and swimming pools

Kaelo Marine is designed to withstand 15 volts DC for short periods of time, as is common when many vessels start up

4. VENTILATION

- Ⓐ Ventilation is not required when Kaelo is installed into a void with a volume larger than 0.11m^3
- Ⓑ A small vent is required when Kaelo is installed into a void with a volume smaller than 0.11m^3



INSTALL CONSIDERATIONS

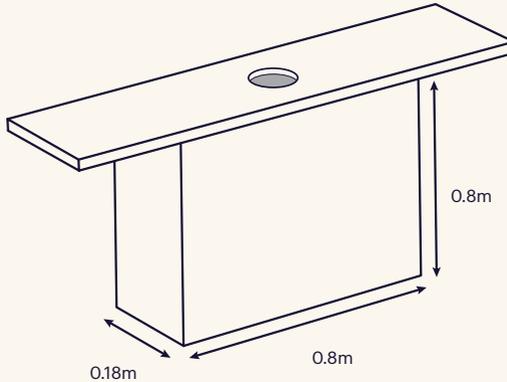
- Ensure Kaelo is not installed in close proximity to appliances that generate heat
- Ensure the base and sides of the Kaelo are not obstructed
- Ensure the base and sides of the Kaelo are not located in an area where they are vulnerable to damage or obstruction

4.1 EXAMPLE A - NON-VENTED INSTALL

Voids that are greater than 0.11m^3 do not require ventilation when a single Kaelo is installed.

If installing multiple Kaelos into a single void, ensure that the void allows for at least 0.11m^3 per Kaelo, otherwise ventilation is required.

This example would not require ventilation: $0.18\text{m} \times 0.8\text{m} \times 0.8\text{m} = 0.1152\text{m}^3$

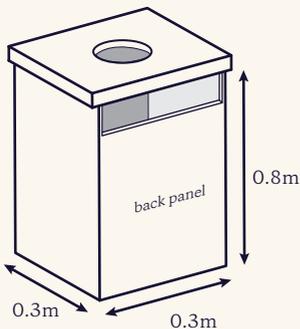


4.2 EXAMPLE B - VENTED INSTALL

Voids that are less than 0.11m^3 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 9000mm^2 and is usually best placed in the back panel.

This example would require a vent: $0.3\text{m} \times 0.3\text{m} \times 0.8\text{m} = 0.072\text{m}^3$



5. INSTALL

5.1 CUT HOLE

For hole cutting - see section 3.2

5.2 CUT VENT

(if necessary)

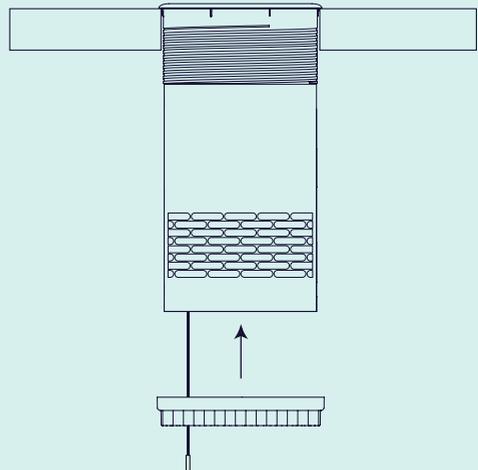
For vented installations - see section 4.2

5.3 ALIGN & LOWER

- Carefully lift the Kaelo from the box using two hands and lower slowly into hole
- Align logo to desired position
- Carefully press down evenly on top of the crown until flush with the countertop, clearing any protective film

5.4 THREAD ON CLAMP

Screw the clamp on until it is fastened tightly against the underside of the countertop, making sure not to twist the Kaelo logo out of alignment.



When positioning the appliance, ensure the power supply cord is not trapped or damaged.

5.5 POWER UP & ENJOY

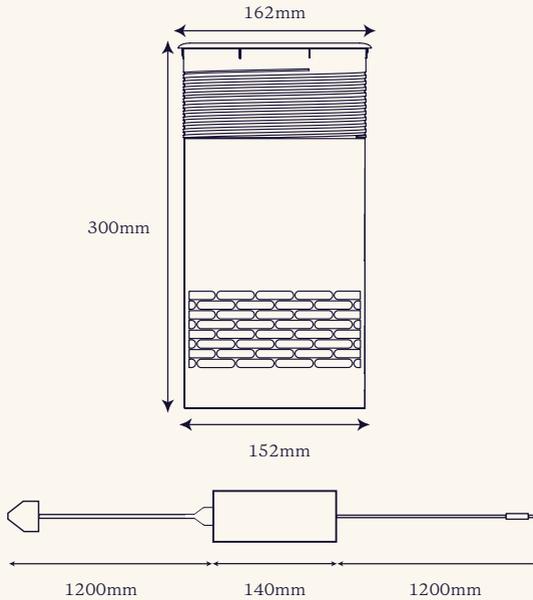
- Plug the Kaelo into the 12v power adapter supplied
- Once the Kaelo detects power, it will turn on automatically
- The Kaelo will automatically go into standby after 2 hours without use
- To turn the Kaelo on after this, simply touch the crown

5.6 TESTING KAELO

Once Kaelo is installed, please perform the following tests to ensure optimal performance :

- Tap the crown 3 times to enter colour selection mode
- Cycle through all LED colour options
- Tap the Crown 4 times to enter colour fade mode
- Touch the base of the chamber after 3 minutes to check the Kaelo is cooling
- Touch and hold the Crown for 2 seconds to Kaelo into standby
- Once in standby touch the Crown to power Kaelo back on

6. SPECIFICATIONS



Adapter Input Voltage	100 to 240V AC, 2.5A, 50-60Hz
Kaelo Input Voltage	12 volts
Max Power Usage	75 watts
Max 12v DC Amps	7 amps
Auto Switch Off	2 hours without reactivation
Ambient Temp. Limit	10 to 32°C / 50 to 90°F

7. TRANSPORT & HANDLING



PLEASE NOTE

Please only install a Kaelo into a fixed surface or unit that will not be moved. If the surface or unit has to be transported, please return the Kaelo 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 will not be covered under the Kaelo warranty.

KAELO



For additional support please contact:

support@kaelo.co.uk or call us on (+44) 20 7870 1115

This guide is available online at kaelo.co.uk/install

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