

**KEG
KING**

KEGMaster

SOLSTICE DUO

User Instruction Manual

SAFETY WARNINGS



Risk of Fire! Flammable materials.

DO NOT operate if the power supply cord is damaged. To avoid a hazard, the power cord MUST be replaced by the manufacturer, a service agent, or similarly qualified persons.

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

DO NOT locate multiple, portable socket outlets or portable power supplies at the rear of the appliance.

The Refrigerant used in the appliance is flammable. When disposing of the appliance, keep away from any fire source. The appliance must be recovered and disposed of by a qualified company. To prevent harm and damage to people, property, and the environment, DO NOT dispose of by combustion.

Beware of electricity around liquids! Ensure power cords are placed well away from any potential spills and pooling condensation.

DO NOT power up the refrigeration unit until it has rested upright for 24 hours. Failure to do so will void the Warranty!

A clearance of 50 to 100mm at the rear or side (depending on the compressor location) of the unit is recommended for airflow circulation to assist with cooling.

This refrigeration unit may require occasional manual defrosting. DO NOT use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer. Doing so may damage the unit and void the Warranty!
DO NOT damage the refrigerant circuit.

DO NOT store explosive substances such as aerosol cans with a flammable propellant in this appliance.

Leaking CO₂ gas can cause suffocation. Always use CO₂ in a wellventilated open area, in case leaking occurs. Never exceed gas pressures of 40psi with your² kegs system.

DO NOT use electrical appliances inside the appliance, unless they are of the type recommended by the manufacturer.

This appliance can be used by children aged 8 years and above or by persons with reduced physical, sensory, or mental capabilities or those lacking experience and knowledge ONLY with appropriate supervision or instruction concerning safe use of the appliance and the hazards involved. Children SHOULD NOT play with the appliance. Cleaning and maintenance SHOULD NOT be performed by children without supervision. Children aged from 3 to 8 years CAN load and unload refrigerating appliances. TO AVOID CONTAMINATION of food, please respect the following instructions:

DO NOT leave the door open for long periods of time. Doing so can cause a significant increase of the temperature inside the appliance.

- If the refrigerating appliance is to be left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould from developing inside the appliance
- This appliance is intended for INDOOR USE ONLY in household and similar applications such as
 - staff kitchen areas in shops, offices, and other working environments
 - farmhouses and for client use in hotels, motels, and other residential type environments
 - "Bed & Breakfast" type environments
 - catering and similar nonretail applications.



Please read the entire manual before operating.

These instructions are available in other formats. To request, please send an email to info@kegking.com.au

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WELCOME PAGE



Whether you're a brewer or someone wanting to put drinks on tap in your own home, cafe or office, Keg King offers beverage creation and keg dispense solutions for amateurs and pros!

We don't just sell products, we innovate, design and manufacture our equipment to bring your beverage ambitions to life!

Our brands include:

King Kegs, our Australian Made P.E.T. kegs
Apollo P.E.T. Pressure Fermenters & Unitanks
KegMaster™ Kegerators
Atomic 15 Brewery Cleaners
UltraTap Twist FC Faucets
InterTaps
Spundy spunding valves
the KegMaster™ Solstice Fridge
and more!

Check the resellers map on our website to find where our products are available in, the United Kingdom, Europe, Australia, New Zealand, and South Africa. <https://www.kegking.com.au/retailers>
Since 2009, Keg King's mission is to make the best brewing & dispensing equipment in the world!
Check out our helpful instructional videos on the Keg King YouTube Channel <https://www.youtube.com/c/KegKingvideos>
Enjoy your Kegmaster™ Solstice Duo!

INTRODUCTION



WARNING

DO NOT power up the refrigeration unit until it has rested upright for 24 hours.
&

Allow 50 to 100mm clearance behind and both sides of the refrigeration unit.

The KegMaster™ Solstice DUO is a powerful, efficient all stainless steel refrigeration unit, featuring a convenient, removeable heating & cooling cassette, and accessories drawer.

The KegMaster™ Solstice DUO was released in May 2026.

This innovative design from Keg King incorporates a convenient heating/cooling cassette, that can be easily replaced in case of problems.

The unit is controlled by an HAC-03 temperature controller which allows the user to set desired temperature an automatic switch between heating/cooling modes, with commercial grade adjustable defrost capability.

Features

- Stainless Steel both inside and outside walls. SS304 Benchtop & Interior for maximum durability, SS430 Door for
- Solstice DUO Capacity:
- Volume: 353 L
- 9 x Cornelius (Corny) Kegs OR
- 6 x PET King Kegs and 1 x Corny Keg OR
- 2 x 50L Commercial Keg
- Cassette Design
- Optional Lockable Castors for easy moving
- Inbuilt accessories drawer
- Fits standard fonts (not included)
- Cold air Fan Forced, cooling
- Heating capable for fermentation temperature control
- Automatic defrost
- Suitable for humid environments
- Suitable for underbench installations
- R290 Refrigerant
- No coils in walls, so no issues drilling holes through walls, if needed
- Push-in "throughwall" fittings for supplying CO₂ from an external gas cylinder

Installation Space Requirements

The KegMaster™ Solstice DUO fridges generate heat around the compressor when cooling. This heat needs to be dissipated and if the heat is trapped it could overheat the unit and trigger compressor failure. Good ventilation is necessary for the longevity of the unit. Please note that the following clearance requirements are a necessity and failure to meet those requirements could void the warranty.

50-100mm clearance required for the back of the fridge cassette.

50-100mm clearance required for the right hand side of the fridge cassette.

No clearance required for the top.

No clearance required for the left hand side.

If the unit is installed in an enclosed space behind doors, please ensure the cavity the unit is installed in has adequate ventilation. We recommend a 50mm slot at the top and bottom of the door or cabinet the unit is housed in.

Gas Connection

The rear of the unit has a Gas Inlet pushin fitting that can be used if you need to supply gas to the inside of the KegMaster™ Solstice DUO.

Push gas line from the gas regulator firmly into the outer side of the pushin fitting. Inside the DUO, connect gas line to the inner side of the pushin fitting.

Once connected and gas is flowing, use soapy water to check for leaks around all connections, including the gas inlet inside and out.

Powering Up



WARNING

DO NOT power up the refrigeration unit until it has rested upright for 24 hours.



WARNING

Ensure the inlet and outlet vents of the cabinet are clear of obstructions. Allow 50-100mm clearance at the back and the right side of the refrigeration unit.

- Ensure refrigeration unit has rested upright for 24 hours and has the required 50-100mm clearance around the back and rightside vents.
- Plug into mains power in the back of the unit and turn power on.
- Select Heating or Cooling mode as detailed in "Selecting Cooling or Heating mode"
- Set the required temperature as detailed in "Setting the Temperature"

PRODUCT DESCRIPTION

Getting to know DUO

Stainless steel
Top

Stainless steel
Door

Controller

Vents

Accessories
drawer

Front

Power Plug
(IEC C13)

Removable
Cassette

Font Hole

8mm Push in
fitting (int/ext)

Back

INSTRUCTIONS/ INSTALLATION

Installation Options

You are able to install Kegmaster™ Solstice DUO flush on either side in your preferred cabinetry! This design saves both space and cooling efficiency and you are also able to drill on either side if you wish to mount things to it.

Please ensure 50-100mm of space at the back of the fridge and if installed in cabinetry with a door, please ensure the door has ventilation holes at the top and the bottom.

Defrosting the Kegmaster™ Solstice DUO



NOTE: Excessive ice buildup reduces the efficiency of the unit

For tips on how to limit ice and frost buildup please see our Troubleshooting section.

If excess ice or frost has formed on the inside of the Kegmaster™ Solstice DUO:

1. Firstly, the DUO should not frost up.

If it does, then you can edit the defrost function on the controller (See in the controller menu Page 9)

2. Turn the unit off at the mains power.

Wait an hour or more for the ice to melt. This can take up to a couple of days, depending on how much ice has accumulated. A hairdryer may be used, to speed up the process, by gently blowing warm air at the ice.

Wipe any liquid or moisture from the internal walls, floors, and ceiling, using an absorbent cloth or towel.

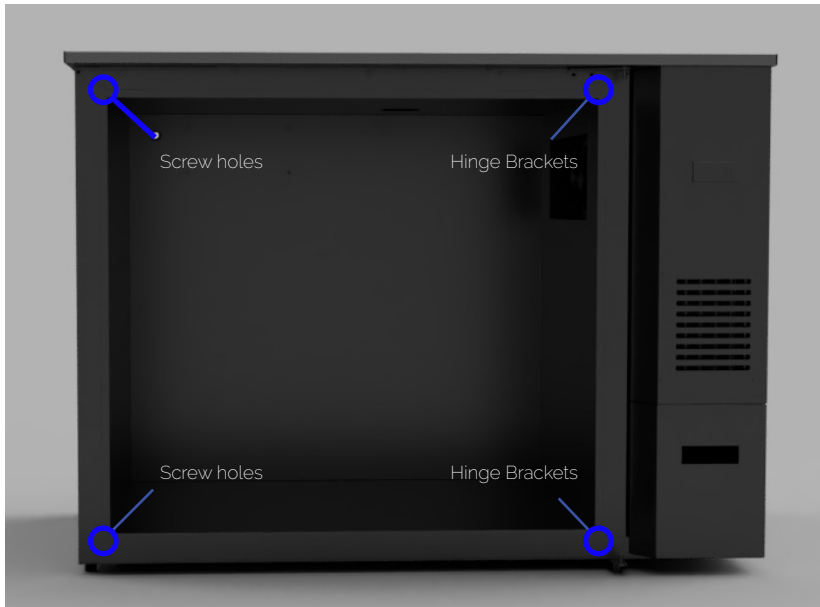
Turn the unit's power back on.

If excess ice is forming too regularly, see more of our Troubleshooting tips. (see page 16)

INITIAL SETUP

Door Orientation

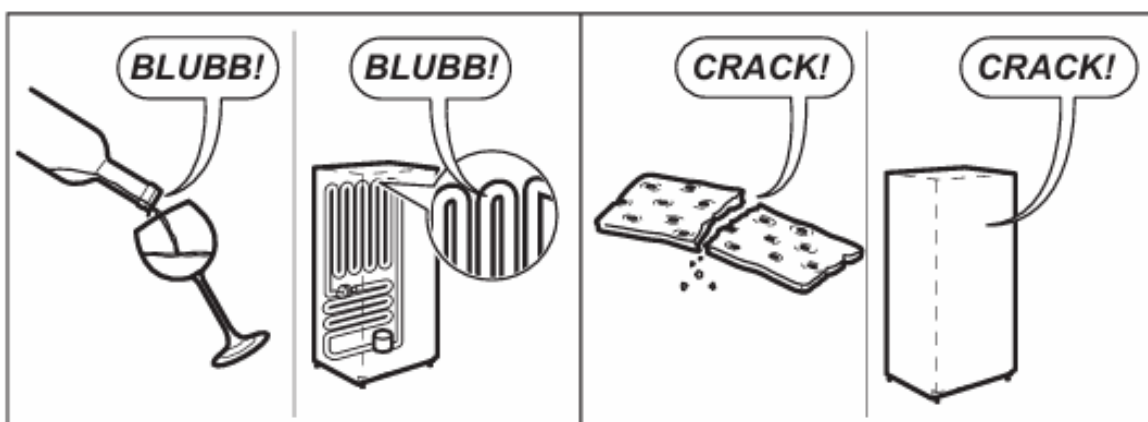
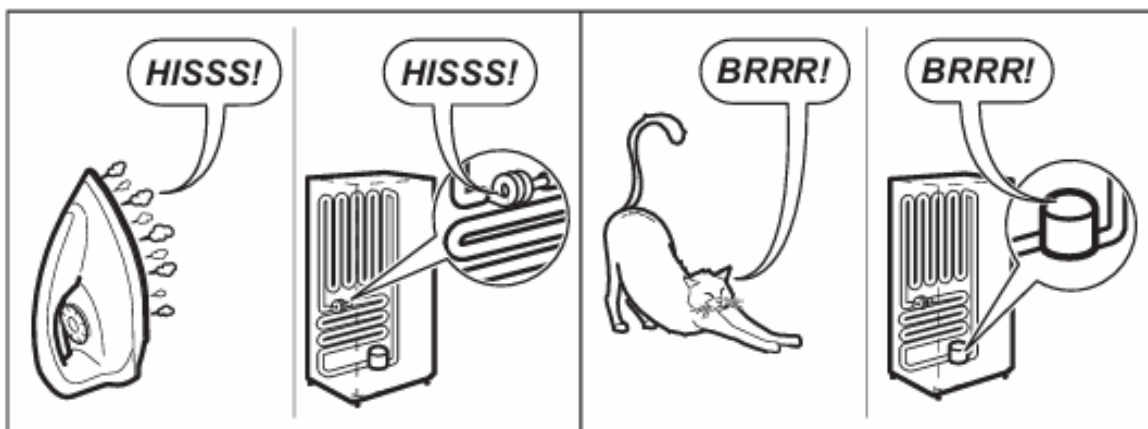
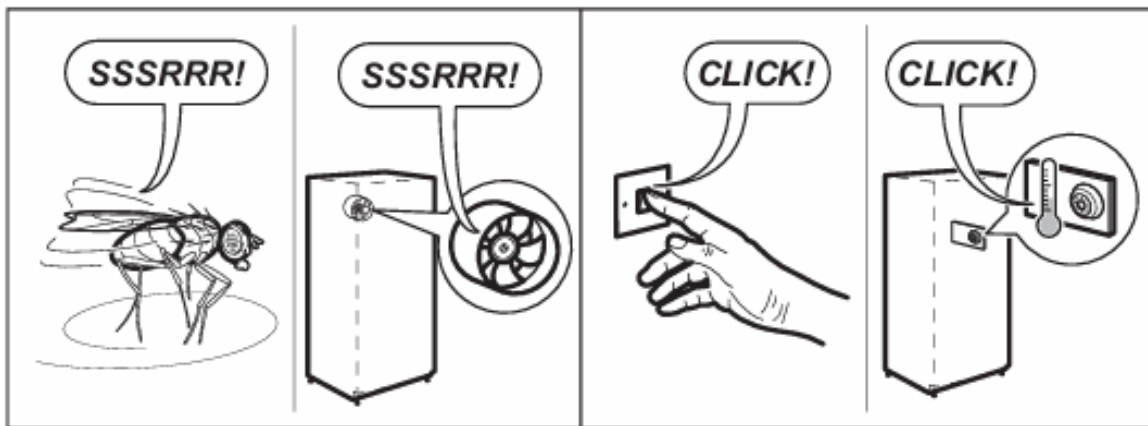
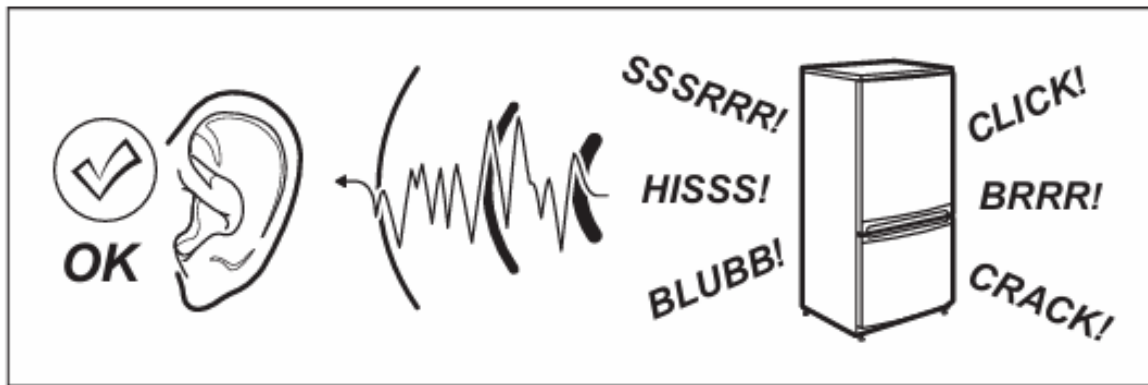
The KegMaster™ Solstice DUO door is reversible and can be hinged on the left or right, depending on preference.



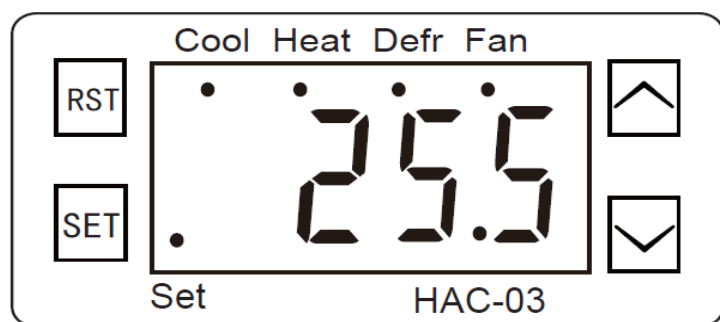
This picture shows the standard orientation of the door, by swapping the hinges and the bolt you can reorient the door to open the other way.

1. Open the door wide to provide access to the hinge bracket bolts on both sides of the door cavity
2. Remove the 4 bolts from the holes where the hinge brackets will be installed. i.e. on the opposite side to where the hinge brackets are currently installed.
3. Remove the upper hinge bracket by unscrewing the 2 bolts using a Phillips head screw driver. Retain the bolts.
4. Remove the door by tilting the door outwards and sliding upwards from the lower hinge. Ensure you retain the washer from the lower hinge.
5. Place the door somewhere safe.
6. Remove the lower hinge bracket by unscrewing the 2 bolts using a Phillips head screw driver. Retain the bolts.
7. Fasten the lower hinge bracket (previously the upper bracket) onto the opposite side of the cabinet, with the removed screws and tighten firmly.
8. Place the washer on the lower hinge axle.
9. Position the door on the lower hinge axle in the preferred orientation
10. Slot the remaining upper bracket axle (previously the lower bracket) into the hole in the top of the door
11. Fasten the upper bracket to the cabinet with the removed hex bolts and tighten firmly.

COMMON SOUNDS



TEMPERATURE CONTROL PANEL



RST Quick-set Exit & Normal Mode save exit
Hold Defrost & Hold Exit Defrost

SET Set key, Parameter Cycle, Hold to set parameter

Increase value / Select Function

Decrease value / Select Function

Cool Cooling indicator

Heat Heating indicator

Set Setting indicator

Fan Fan indicator

Defr Defrost indicator

View parameter values:

Under normal working conditions, press the "SET" key to cycle through the parameters. This is a convenient way to check the state of the controller without adjusting any of the values.

Modify the parameter value:

press and hold the SET key for 3 seconds and the "set" light will be on. at this time, enter the parameter modification state, adjust the selected parameter using the arrow keys. press 'set' again to move to the next parameter, or RST to save current adjustments and return to the default screen. For example, If the display shows "4 30", it means Parameter 4: defrosting time, is set to 30 minutes. changing this value will change how long the maximum defrost duration can be.

Quick Temperature Adjustment:

When in the default running mode, click the up and down keys directly to change the SET temperature, press set to confirm, or RST to return cancel the change and return to the main interface. If you don't press any operation within 5 seconds, you will automatically return to the main interface.

TECHNICAL DATA

Indicator Light

	condition	meaning
Cooling	off	Cooling off
	flash	Compressor delay
	on	Cooling active
Heating	off	Heating off
	on	Heating active
Defrosting	off	Defrosting off
	flash	dripping water
	on	Defrosting active
Fan	off	Fan off
	on	Fan on
Set	off	normal conditions
	on	Parameter Adjustment Mode

Castors:

The Solstice Duo has mounting points for both small 40mm castors found on most series XL keggers, as well as larger 100mm castors. The smaller mounting points are arranged in a 45x35mm grid and have an M5 thread.

The larger 100mm castors are mounted using a 45x73mm grid, and have an M5 thread. we recommend using M5-0.8x10mm screw.

Parameter Table

Parameter Number	Parameter name	range	Default value	Description
0	set temperature	-50C~50C	3 C	Unit will stop heating/cooling when this temperature is reached.
1	Heating temperature difference	0C~10C	3 C	Start heating when the cabin temperature get this much cooler than the set temp.
2	Cooling temperature difference	0C~10C	2 C	Start cooling when the cabin temperature gets this much warmer than the set temp.
3	Defrosting cycle	0~99H	4 hrs.	0=defrosting function turned off
4	Max Defrosting time	0~90M	80 min	maximum defrosting duration cancels defrosting regardless of defrost temperature probe
5	Exit defrosting temperature	-5C~15C	3 C	When the defrosting sensor senses a temperature higher than this set value, defrosting stops
6	post-Defrost dripping delay	0~15M	3 min	Drip delay allows for frost to drip off the evaporator before cooling begins again
7	compressor start delay	1~10M	1 min	Protects the compressor.
8	Fan start-up delay	0~900S	30 sec.	delay of evaporator fan after heating or cooling begins
b	fan cycle on after cooling	0~360M	0 min	0:Disable fan after cooling
C	Fan cycle off after cooling	0~360M	3 min	0:Always keep fan running after cooling
H	fan cycle on after heating	0~360M	2 min	0:Disable fan after heating
E	Fan cycle off after heating	0~360M	3 min	0:Always keep fan on after heating
P	Cabin probe calibration	-10~10	3.5 C	Probe compensation
d	Defrosting probe calibration	-10~10	0 C	Probe compensation

Function Introduction:

1: Cooling Operation

When the measured temperature rises to or above the set temperature plus the cooling differential, the system enters the refrigeration mode. The fan starts after its programmed delay, the refrigeration-fan indicator turns on.

When the measured temperature falls below the set temperature, refrigeration stops and the fan continues to operate according to its configured settings (Parameter Number b and C).

2: Heating Operation

When the measured temperature falls to or below the set temperature minus the heating differential, the system enters the heating mode. The fan starts after its programmed delay, the heating-fan indicator turns on.

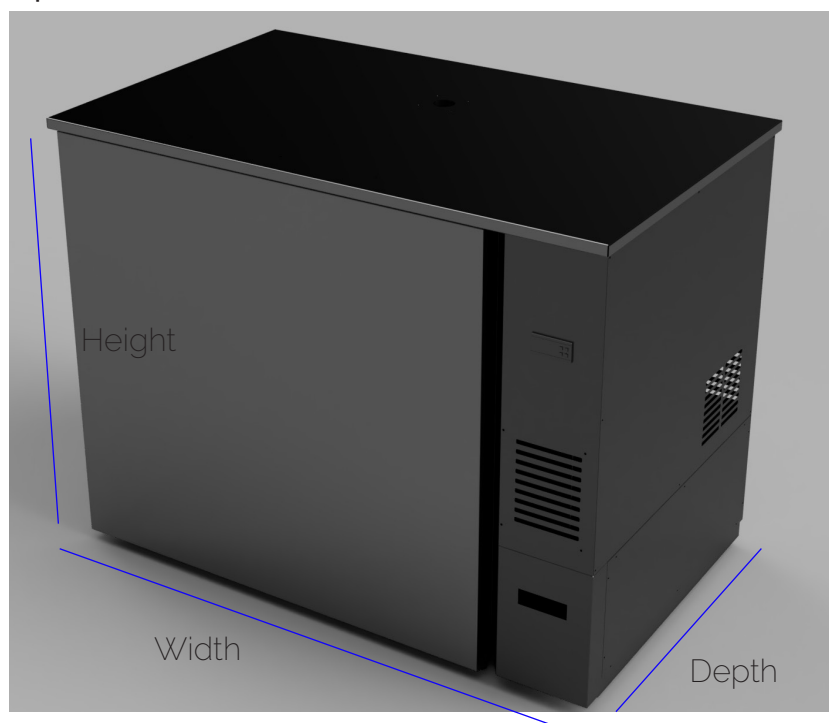
When the measured temperature rises above the set temperature, heating stops and the fan continues to operate according to its configured settings (Parameter H and E).

3: Defrosting:

The unit will enter defrost mode every 'Defrosting Cycle'. Defrosting will end when the 'Exiting defrosting temperature' or Max defrosting time' is reached, whichever comes first. When defrosting, the defrosting temperature is displayed, (eg: H15.0, means the defrosting temperature is 15C). during defrosting, short press the "RST" button to the remaining defrosting time, (eg: 'vL20' means 20 min).

4: Manual defrosting: Press and hold the "RST" button for 4 seconds without releasing it to enter the forced defrosting state. Press and hold the "RST" button again for 4 seconds without releasing it to cancel defrosting. press RST during normal operation to display the defrost probe temperature,

Specifications



Height:	910 mm with rollers 845 mm without rollers 905 mm: Small castors 985 mm: Large Castors
Width:	1170 mm
Depth:	720 mm
Int. Height:	730 mm
Int. Width:	821mm
Int. Depth:	590 mm
Volume:	353 L
Weight:	72 Kg
Power:	220 240V 50Hz
Climate Class:	5/7
Refrigerant:	R290

Heating / Cooling Cassette Replacement

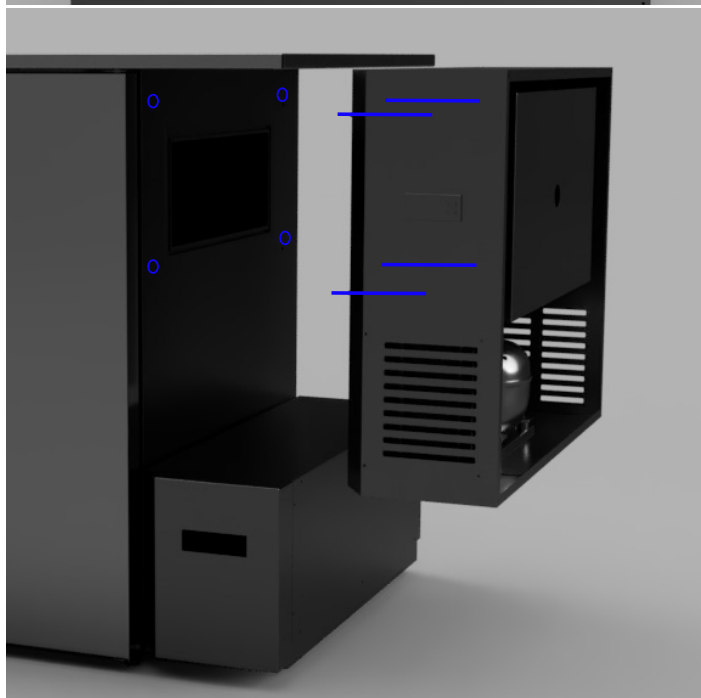
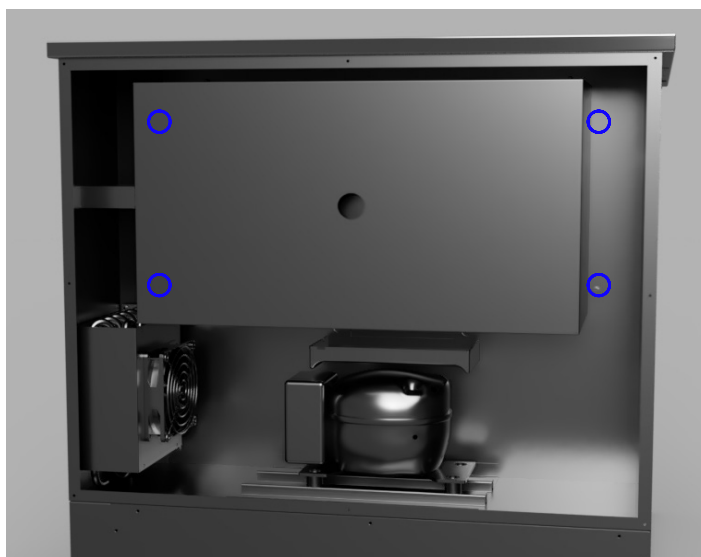
In case of failure with heating or cooling, the KegMaster™ Solstice DUO is designed with a convenient replacable cassette.

To remove the cassette:

1. Unscrew the outer housing plate.
2. Unscrew the (highlighted) 4 Screws with a Phillips head screw driver Approx 150mm long.
3. Remove the installed cassette by sliding it out.

To replace the cassette:

1. Slide the replacement cassette into the cassette cavity
2. Insert the screws and firmly tighten them.
3. Screw the outer housing plate back on.



TROUBLE SHOOTING

Let's run through a few settings and troubleshooting to check prior to organizing a cassette swap:

If your solstice DUO is failing to get to the correct temperature:

1. Make sure there is ample (50 to 100mm clearance) for ventilation on the back and the side that has the cassette. Check there is airflow thorough the condenser at the front of the Solstice DUO.
2. Check to see if there is ice building up inside the cassette. Excessive ice build up prevents air flow, preventing the Solstice from getting to the 'set temperature'. Run a manual defrost cycle by holding the 'RST' button to reduce the ice buildup.
3. Set the temperature to 2C by pressing either of the arrow buttons. change the displayed value to 2C and then press 'SET' to save the changes.
4. If the above did not work, try adjusting the 'set temperature' to 25C for 2 to 4 hours. Once the warming mode has melted the frozen components, drop to your 'set temp' back to 2C.

To prevent ice build-up in future:

1. Check door seals, font seals, or any penetrations are air-tight. Any air gap will allow moisture in the air to enter the cabin, and will end up as frost on the evaporator.
2. Ensure there are no open containers containing liquid or spilled liquids in the cabin of the Solstice DUO.
3. Try increasing the set temperature a little bit. keeping the cabin temperature too cold will reduce defrost efficacy.
3. 'Defrost Cycle' can be reduced to have defrosting occouring more often. 'Exit Defrosting temp' can also be increased.

If the unit is not cooling at all and the 'cooling indicator' is illuminated, disconnect the unit from the power and contact Keg King for further troubleshooting advice.

Issue	Remedy
The unit fails to heat or cool.	Organise a replacement cassette. Replace the cassette as instructed above.

RELATED PRODUCTS



Fonts and Taps

The Kegmaster™ DUO comes standard without any fonts or taps.

Keg King sell a range of [fonts](#) and [taps](#)

The UltraTap Twist flowcontrol tap provides additional control when pouring your beer.

Castor Wheels

The lockable castor wheels provide extra maneuverability for your kegerator. (SKU PAR8876)



StainlessSteel Drip Tray

If you prefer the "stainless" look, upgrade get yourself a drip tray with the Stainless Steel option.



Tap / Faucet Plugs and Brushes

During periods where the kegerator is not used the faucets can be plugged to prevent contamination or fruit flies getting into the tap. This handy little item fits all tap sizes and shapes and is made from long lasting silicon (See photo to left).

We also sell a faucet brush that can be used to clean out the taps. (See photo to right)



Beer Line Cleaning Equipment



To keep your kegerator in top condition it is recommended to clean your beer lines out between kegs. Keg King supply cleaning chemicals that are perfect for the job. We also sell beer line cleaning caps (See photo to left) that you can use on an empty PET bottle and use this to clean out your beer lines or if you are using commercial keg couplers then you should try our 10 litre wash out kegs



These useful parts will ensure you maintain the quality of your beer.



From the Keg King team,

Thank you for your purchase, and we hope
you have a great time using your Solstice
DUO!