



# KL35118 Instruction Manual

**KegLand Distribution PTY LTD**

**[www.KegLand.com.au](http://www.KegLand.com.au)**

 **WARNING** 

**ENSURE THAT THERE IS ALWAYS ATLEAST 100mm OF AT THE REAR OF BENCHY NITRO TO ALLOW ADEQUATE AIRFLOW.**

 **WARNING** 

**AVOID EXTERNAL HEAT SOURCES SUCH AS DIRECT SUNLIGHT, GAS STOVES OR OTHER HEAT GENERATING APPLIANCES.**

 **WARNING** 

**ONLY USE KEGLAND APPROVED CLEANERS AND SANITISERS TO CLEAN THE PRODUCT LINES.**

 **WARNING** 

**DO NOT SET TEMPERATURE TO MAX COLD WHEN DISPENSING LOW ABV OR NON-ALCOHOLIC BEVERAGES OR YOU RISK FREEZING THE BEVERAGE**

 **WARNING** 

**IF DISPENSING BEVERAGES WITH FINE PARTICULATES (SUCH AS GROUND COFFEE), ALWAYS ENSURE A FINE FILTER (100 MESH) IS INSTALLED INLINE BEFORE THE INLET.**

### INSTALLATION REQUIREMENTS

#### ONLY USE ON FLAT SURFACE

The Benchy Nitro should only be used on a flat surface or at a maximum angle of 20 degrees off level. **DO NOT** operate this unit on its side or at angles greater than 20 degrees or permanent damage to the compressor will occur

#### PROVIDE ADEQUATE VENTILATION AND AVOID EXTERNAL HEAT SOURCES

In order to achieve the best possible performance from the Benchy Nitro we recommend 100mm clearance around the fan at the rear of the Benchy Nitro. External heat sources such as direct sunlight, gas stoves or other heat generating appliances should be avoided.

#### CONNECT ONLY THE SPECIFIED SUPPLY VOLTAGE

This unit is only to be supplied with 220V 10A supply voltage within Australia.

#### ONLY OPERATE IN TEMPERATURES ABOVE 0°C

There is a risk of freezing the beverage in the internal pipework of the Benchy Nitro if operated at temperatures below 0°C.

#### DO NOT DISPENSE HIGHLY VISCOUS LIQUIDS

There is a risk of blocking the internal pipework of the Benchy Nitro if dispensing highly viscous liquids.

### ASSEMBLY AND INITIAL SETUP

Before attaching the Benchy Nitro to a keg first screw your taps onto the two shanks on the front of the Benchy and tighten the shank collar using the supplied Facet Tap Wrench/Spanner Tool.



Install the drip tray and connect the IEC power cord into the IEC socket on the back of the Benchy Nitro (do not turn on the power switch yet)

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Flush the product lines with 2L of clean water or until the water flow is clear by following the steps below.

1. Fill a Cornelius ball lock keg with approximately 5L of clean water.
2. Insert the two 9.5mm elbows into the 9.5mm bulkhead fittings on the back of the Benchy Nitro that are labelled "A In" and "B In"



3. Cut the supplied 9.5mm OD tubing into two. Ensure that the end of the hose is cut straight and cleanly with a Stanley knife or 2 in 1 tube cutter ([KL07689](#)).



4. Insert the two pieces of 9.5mm OD tubing into the 9.5mm elbows and install the blue locking circlips onto the elbow.



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Make sure that the elbows and hosing are pushed in to the full depth. To check for a good connection gently pull back on the hose and elbows. If the hose or elbows come out then reinsert ensuring they are pushed far enough into the fitting.

*NOTE: To remove hosing from the push in fitting, simultaneously push the collet in while pulling the hose out of the push in fitting. Once the hose is removed cut the burred end off with a 2 in 1 tube cutter or Stanley knife to produce a clean straight cut.*

5. Attach the hose to a black (liquid) ball lock disconnect and push this ball lock disconnect onto your liquid (OUT) keg post on your Cornelius keg by lifting up the collar on the ball lock disconnect and pushing it onto the post.
6. Turn the power socket on and turn the Benchy Nitro On.
7. Flush each tap with 2L of water or until the water runs clear and collect the run off in a jug to be discarded.

After the product lines have been flushed you can then hook up your beer / coffee keg to the product line on the Benchy Nitro to begin pouring.

If your nitro coffee has coffee grounds/beans/particulates in the keg then make sure to install a [fine filter \(100 mesh\)](#) inline before the product inlet. You will need to install two [8mm x 9.5mm duotight reducers](#) to install this inline with your 9.5mm hosing.

Your beverage does not need to be chilled before dispensing through the Benchy Nitro as it will chill the beverage during dispensing and the temperature of the beverage can be adjusted using the set temperature dial. Refer to **Adjusting Set Temperature**.

### ADJUSTING SET TEMPERATURE

If you find your beverage is too cold or warm out of the tap on your benchy Nitro then you can adjust the set temperature using a flat head screw driver as shown below:

**WARNING:** Do not set the temperature to MAX COLD or you risk freezing the beer or beverage that you are dispensing. The best is to keep the set temperature in the middle of the WARM and COLD range and make small adjustments to hit your desired beverage temperature.



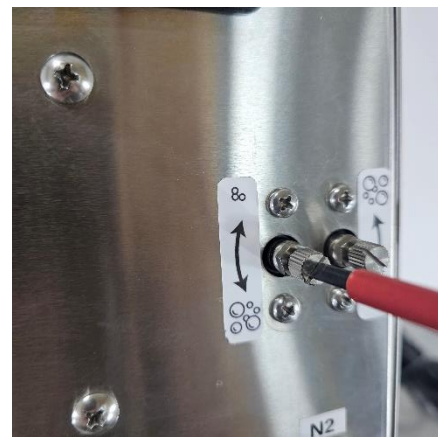
### ADJUSTING FLOW RATE

The aerator disc in the spout of the tap can be swapped out for a different configuration disc to change the flow rate and aeration of the beverage.

The Benchy Nitro is supplied as standard with a 0.3mm disc with 5 drilled holes however we offer a range of other configuration [creamer aerator discs](#) that produce differing levels of resistance, flow rate and foaming.

### ADJUSTING NITROGENATION (AIR CONTROL/FOAM AMOUNT)

The level of nitrogen introduced into the beverage (or the amount of foam) for each tap can be changed by adjusting the valves below with a flat head screw driver. Counter clockwise = more foam.



### PURE NITROGEN (N2) DISPENSING

Beverages can also be dispensed on the Benchy Nitro using pure nitrogen rather than by extracting nitrogen from the air using the in-built compressor. This is beneficial for beverages that you do not want in contact with oxygen from the air.

To dispense using pure nitrogen remove the plug from N2 inlet on the back of the Benchy Nitro.

Install a high-pressure regulator on to your nitrogen cylinder and attach 9.5mm OD gas hosing to your regulator and push this hose into the N2 inlet.

Slowly adjust the pressure on your Nitrogen regulator to between 60-70 psi.

After you connect nitrogen to the N2 inlet the Benchy Nitro will automatically switch from using nitrogen in the air to using nitrogen from your Nitrogen cylinder.

### CLEANING/MAINTENANCE

Only use KegLand approved cleaners such as [StellarOxy](#) and [StellarClean](#) and sanitisers such as [Phosphoric acid](#) and [StellarSan](#) to clean and sanitise your product lines.

An easy way to clean your product lines with a gas source is to use a Gas Free Ball Lock Line Cleaning Kit. Simply fill a PET bottle with correctly diluted Stellarclean or Stellaroxy solution. Hook up your liquid ball lock disconnect on your product line to the carbonation cap, pump the line cleaning kit



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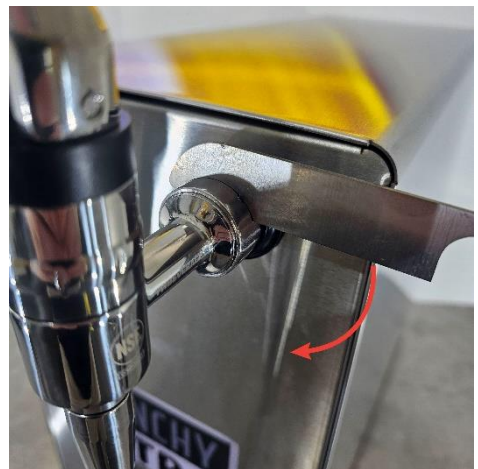
and open your tap to clean your tap and product line. Then rinse with water and repeat with correctly diluted Stellarsan solution.

Use [Homebright streak free stainless steel cleaner](#) and polish spray to clean the outside of the Benchy Nitro to leave it looking shiny and new.

### TAP DISSASSEMBLY

It is best practice to include a full tap breakdown in your usual cleaning regime. Follow the steps below to disassemble your tap for cleaning and soak the tap and internals in a diluted Stellarclean solution followed by a diluted Stellarsan soak.

1. Disconnect your beverage hose from your keg or dispensing tank and turn the Benchy Nitro Off. Then undo the tap from the shank using the supplied faucet spanner.



2. Unscrew the spout and remove the o-ring, aerator disc and regulation cone.



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3. Unscrew the piston and rinse with water.



## TROUBLESHOO

Fault	Troubleshooting Steps
Not Cooling	<ol style="list-style-type: none"><li>1. Check the device is powered on.</li><li>2. Check that the unit has adequate clearance at the back.</li><li>3. Check that the temperature setting knob is set to the midpoint between COLD and WARM.</li><li>4. Check that the compressor is running (audible hum)</li><li>5. Check for a build up of dust on the condenser and clean the condenser if required.</li></ol>
No Product Being Dispensed from the Tap	<ol style="list-style-type: none"><li>1. Check the device is powered on.</li><li>2. Check your product hose is connected to your keg, there is liquid in the keg and your ball lock disconnect is firmly connected onto the correct (OUT) post.</li><li>3. Check that the temperature is not set too cold. Too cold and the beverage may freeze in the lines.</li><li>4. If dispensing coffee make sure that the filter, keg dip tube, posts , disconnects or tap on the unit are not clogged..</li><li>5. Ensure the air control valve (foam amount) is not set too high.</li></ol>





## **WARRANTY AND SUPPORT (AUSTRALIA)**

The Benchy Nitro comes with a 12-month warranty when sold in Australia.

To lodge a warranty claim in Australia please forward as many visual pieces of supporting information and a detailed description of your issue to [beer@kegland.com.au](mailto:beer@kegland.com.au)

If you purchased your unit from a distributor in Australia or internationally, you will be required to go through their warranty claims process.

*For a full terms and conditions, please visit our website here -> [Terms & Conditions](#)*

For technical support with the Benchy Nitro please email [beer@kegland.com.au](mailto:beer@kegland.com.au)