

Brewista® Cold Pro Nitro2™

V2PX-H

Customer Service (North America): 1-888-538-8683

Local (Wyoming, USA): 307-222-6086

Email: help@mybrewista.com



**READ THIS MANUAL PRIOR TO FIRST USE
AND SAVE FOR FUTURE REFERENCE**

1-year Limited Warranty

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed including the following:

- READ ALL INSTRUCTIONS.
- Place the unit vertically in a level, dry, and clean place.
- Operate dispenser within a temperature range of 45° - 89° F (7 - 32° C).
- To protect against risk of electrical shock, do not put body of the Cold Pro Nitro 2™ Machine in water or other liquid.
- Never allow water to come into contact with any of the electrical parts of the Cold Pro Nitro 2™ machine: There is a danger of creating a short circuit.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety.
- Always unplug from outlet when not in use, before putting on or removing parts and before cleaning. To unplug, grasp plug and pull from electrical outlet. Never pull cord.
- Avoid contacting moving parts. Do not insert objects into rotating parts (fan or compressor).
- Prevent dirt (dust, fibers, etc.) from entering the unit. Operate the Cold Pro Nitro 2™ in a dust-free environment.
- Connect only the specified supply voltage.
- Protect the device against moisture, especially by penetrating liquids.
- If the supplied cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified person in order to avoid a hazard.
- Do not operate any appliance with a damaged cord or plug, or after appliance has been dropped or damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
- The use of attachments is not recommended as this may cause fire, electric shock, or injury.
- The device is only approved for use with cold liquids and is not suitable for cooling hot liquids, unfiltered liquids, chemicals, or similar.
- Do not use outdoors.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not attempt to defeat the cover interlock mechanism.
- Be certain all removable doors and compartments are securely locked in place before operating appliance.
- In case of fire, use carbon dioxide (CO₂) extinguishers. Do not use water or dry powder extinguishers.

SAVE THESE INSTRUCTIONS

ADDITIONAL SAFEGUARDS

DO NOT OPERATE APPLIANCE IF THE LINE CORD SHOWS ANY DAMAGE OR IF APPLIANCE WORKS INTERMITTENTLY OR STOPS WORKING ENTIRELY.

EXTENSION CORDS

A short power-supply cord is to be provided to reduce the risk resulting from becoming entangled in or tripping over a longer cord. Longer detachable power-supply cords or extension cords are available and may be used if care is exercised in their use. If a longer detachable power-supply cord or extension cord is used,

- 1) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance, and
- 2) The extension cord should be a grounding-type 3-wire cord, and
- 3) The longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be tripped over, snagged, or pulled on unintentionally (especially by children).

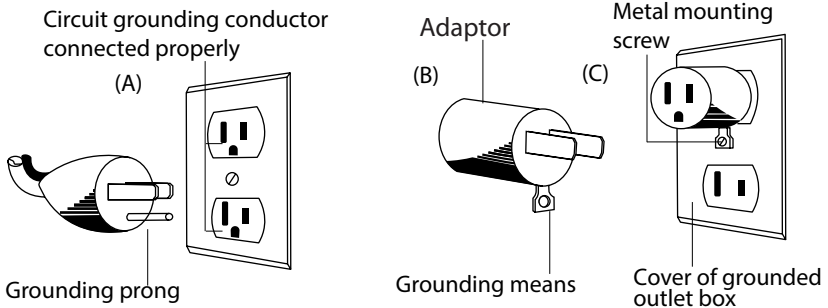
GROUNDING INSTRUCTIONS

This appliance must be grounded while in use.

CAUTION: To ensure continued protection against risk of electric shock, connect to properly grounded outlets only.

GROUNDING INSTRUCTIONS

In North American markets the appliance has a plug that looks like Figure A. **DO NOT attempt to insert a power cord into an incompatible outlet.** Appliance damage, electrical system damage or physical harm may result. An adaptor, as shown in Figure B, should be used for connecting a 3-prong grounding plug to a 2-wire receptacle. The grounding tab, which extends from the adaptor, must be connected to a permanent ground such as a properly grounded receptacle as shown in Figure C, using a metal screw.



Warning: It is best to use this appliance on a dedicated circuit or with all other appliances off during this appliance's use. It will not damage electrical systems but caution should be used to not overload this circuit with other appliances running at the same time.

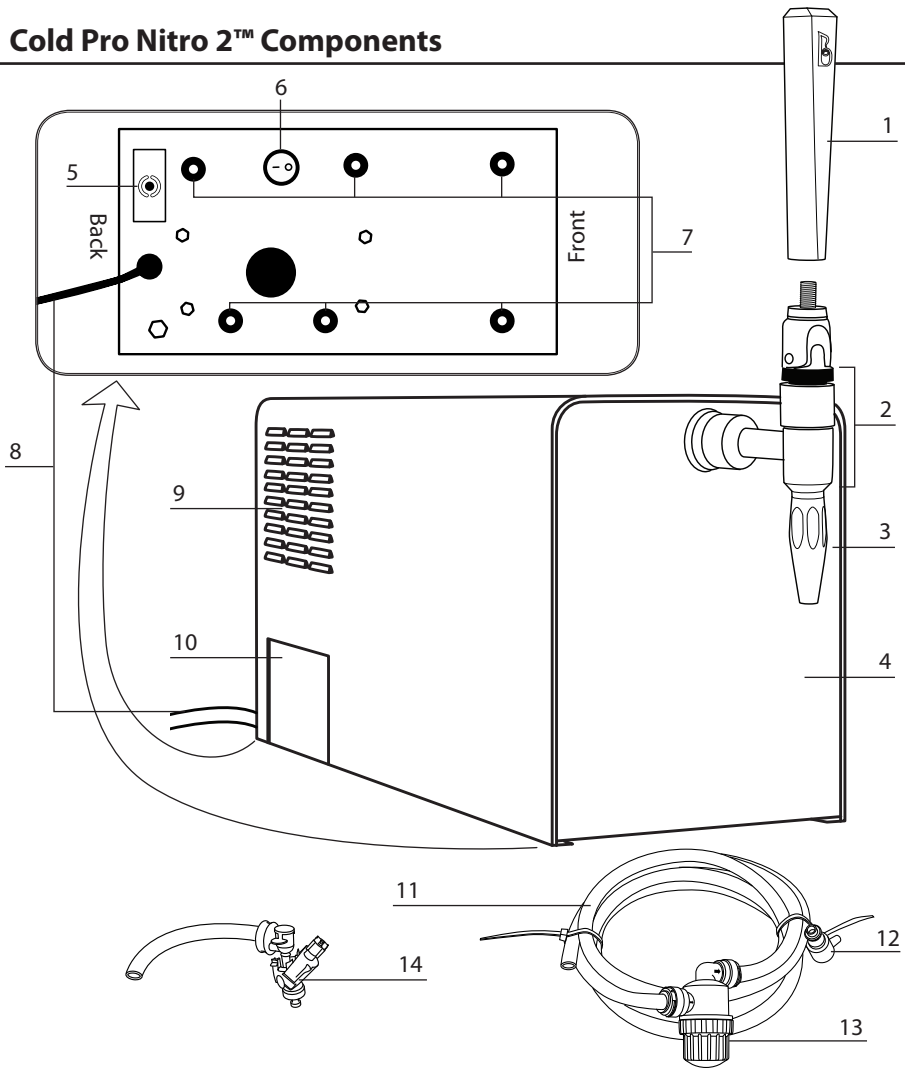
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Online User Manual

An electronic version of this manual is available online at the following URL:
<https://www.mybrewista.com/nitro-2-manual>

Cold Pro Nitro 2™ Components



1. Tap Handle
2. Tap Valve Body
3. Tap-outlet Spout
4. Machine Casing
5. Cold Brew Inlet
6. Power Button
7. Non-slip Feet
8. Power Cord
9. Air Intake Vent

10. Control Panel Cover (protects Temperature Control and Gas Level Control)
11. Intake Line (2.0 m) with Coupler to connect to dispenser
12. Male Elbow Coupler
13. Intake Filter
14. Bag-in-Box Adaptor

Intended Usage

The Brewista® Cold Pro Nitro 2™ Dispenser is a ready-to-use dispenser to tap nitrogenated and cooled beverages in particular cold-brew coffee from any pressurized or non-pressurized container. Such systems are mainly used for professional customers in cafes, hotels, restaurants, and bars. The nitrogen effect is created through filtered compressed air which contains 78% nitrogen and chilling it to 36°F (2°C). The device is only approved for this application and is not suitable for cooling hot liquids, unfiltered liquids, chemicals, or similar substances. The Brewista® Cold Pro Nitro 2™ Dispenser must only be operated by a trained person. The appliance is not to be used by persons (including children) with reduced physical, mental, or sensory abilities or with scarce experience and/or expertise, unless they are supervised by a person responsible for their safety, or they are instructed by this person on how to properly use the Cold Pro Nitro 2™ machine.

Operation Instructions

Assemble your Cold Pro Nitro 2™

- 1) Place the device in a level, clean, and dry location. Ensure there is enough space around the machine for proper ventilation — about one inch (2.54 cm) from the side vents and 4 inches (10 cm) from the top.
- 2) Let the machine sit upright for 5 hours before first use so the compressor works properly.
- 3) Assemble the tap handle (1) by screwing on at the top of the dispenser's spout component [(2) and (3)].
- 4) Ensure the power button (6) at the bottom of the machine is switched off. If the red light inside of the switch is off, then the air compressor is off.
- 5) Plug in the power cord (8) to a grounded outlet (refer to Additional Safeguards, page 3).
- 6) Connect the intake tube (11) to the Cold Pro Nitro 2™ by pushing the male elbow coupler (12) into the female coupler at the bottom of the machine located at the far end of the machine on the bottom.
 - Lift the machine slightly if needed.
 - To release the coupler attachment, push the metal spring component to loosen.
- 7) The pre-filter comes attached upon delivery of the Cold Pro Nitro 2™ machine. Ensure all tubing is installed firmly at all connections to prevent air bubbles from entering the tube. Tubing may have loosened during shipment.
 - **Note:** If a filter adapter is not part of your intake line, coffee grounds or other particles could block the jet nozzles in the device or impair the functionality of the membrane pump and make the device unusable.

Connect your Cold Brew Container

- **Note:** Brewista recommends checking functionality of your system by using water. This will also help flush out any cleaning solution residue from the system as well.
- Connect the intake line tubing (11) to your cold brew container such as the Brewista Cold Pro 2™. If your intake line is connected to a keg, be sure the system can draw air or is fed with inert gas when tapping starts and coffee is dispensed.

For use with the included Bag in Box (BiB) system:

- Connect the BiB Adaptor (14) to your BiB bag of coffee or tea. Lift the collet of your BiB Adaptor and place it on comfortably on the nozzle of the BiB bag.
- Note that the nozzle must be facing the direction of the tube as that will be the flow of the liquid. Turn the screw at the far side of the BiB Adaptor so that it pierces the nozzle and is securely in place.
- Connect the BiB adaptor to the Cold Brew Inlet (5) of your Cold Pro Nitro 2™ using the short length of tubing attached to it.
 - Use of the provided BiB system included with your Cold Pro Nitro 2™ is not required. You can use your own BiB bags and adaptors if you choose. Simply attach your desired BiB adapter to the intake tube and use a corresponding BiB bag with the appropriate nozzle.
 - If you do not wish to use a BiB system, simply remove the BiB adaptor from the end of the intake tube.

Dispensing your Nitro Cold Brew

- 1) Push power button (6) on the bottom of the machine to the "I" (on) position.
- 2) Place a glass under the tap-outlet spout (3) and pull the tap handle (1) forward to about a 90° angle.
- 3) The unit now pumps the coffee from the container and after a short period of time, cooled and nitrogenated cold brew coffee flows out of the tap. You may need to tap 1-2 glasses until you reach the desired foam level.
- 4) To stop dispensing, tilt the tap handle (1) upwards to a vertical position.

Adjustable Settings

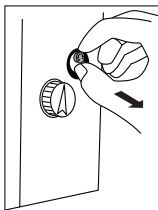
• Temperature

The target dispense temperature is set at 36°F / 2°C (+/- 2°F or 1°C) by default.

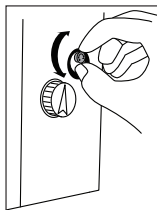
- The temperature control knob is in the control panel at the side of the machine.
- To switch the cooling system off, turn the knob to the OFF position. Make sure there is an audible clicking sound when turning it off.
- To achieve the coldest temperature, turn the knob to the MAX position.

• Gas Level

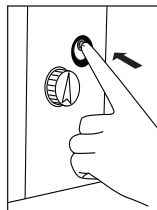
Locate the nitrogen control knob in the control panel (6) at the side of the machine.



Pull nitrogen control knob outwards gently until it clicks out of place.



Turn knob towards the minus (-) sign to decrease the nitrogen and towards the plus (+) to increase.



Push knob gently until it clicks in place.

Note:

- Keep nitrogen level between 0 (no Nitrogen) and 2.
- The default factory setting for nitrogen level is at the recommended level of 1.
- Any setting over 2 risks putting too many large bubbles in your Nitro beverage.

Higher Cooling Power for High Volume Dispensing

If you need increased cooling power for peak demand situations like high traffic events, use any of the options listed below:

- Pre-cool the coffee in the refrigerator before connecting container or BiB system to the Cold Pro Nitro 2™.
- Use the Cold Pro Nitro 2™ dispenser in combination with a refrigerator, under-counter refrigeration, or a cooling box. In this scenario, the coffee remains cool and does not warm up after connecting to the dispenser.
- Place an additional cooler along the intake line of the dispenser. The coffee is passed through the additional cooler first on its way to the dispenser.

Filtration

- Ensure that your coffee was filtered to a fineness of at least 50 µm (microns). Filtration of 100 µm or more is ideal for use with the Cold Pro Nitro 2™. Coarser filtration sizes lead to clogging of the filter in the intake line (11) or of the tap-outlet spout (3).
- Make sure the intake filter (13) is installed in the intake line to prevent damage to the interior components of your Cold Pro Nitro 2™.
- Thick liquids risk slowing down the liquid pump inside the machine.

Decommissioning

- Before putting the dispenser out of service for an extended period of time, we recommend cleaning the system first.
- After cleaning, flush the dispenser with clean water.
- Let the dispenser suck air to empty the internal liquid buffer of about 25 fl oz / 750 ml is emptied.
- Disconnect the intake line (11) and unplug the power cord (8).
- Pull tap handle (1) to release internal pressure.
- Protect the dispenser against rain, dust, and temperatures lower than 36° F (2° C) or higher than 98° F (37° C).

Product Shelf Life

The product shelf life after setup/connection depends on several circumstances that are independent from the dispenser itself. These include:

- Shelf life of product before connection
- Connection spout system (hygienic concept / design)
- Ambient or cooled environment before and after connection
- Tapping frequency
- Cleaning frequency and detergent used for cleaning

Product shelf life and the product quality are the responsibility of the operator of the dispenser.

Downtimes

- If the dispenser is not used for more than 2 days it should be flushed with fresh water before dispensing coffee again.
- If the dispenser is not used for more than 10 days, a thorough cleaning should be performed before restarting the coffee dispenser.

Cleaning Instructions

Brewista recommends Cold Pro™ Cleaner for cleaning your Cold Pro Nitro 2™ System.

The Cold Pro Nitro 2™ needs to be cleaned every 24 hours as described in the steps below. If it has not been used for a long period of time we recommend cleaning it per the instructions below.

To clean your Cold Pro Nitro 2™ System:



Filter
Adapter
Parts

- 1) Flush dispenser with water and then with air (emptying the lines) before unscrewing and dismantling parts.
- 2) Unscrew spout (3) and rinse it with fresh water. Use a brush if needed to remove any particles in the strainer. Reassemble tap parts [(1), (2), and (3)].
- 3) Disconnect the intake filter (13) and unscrew it for inspection. Use tools if necessary as it is tightly screwed. Clean the internal net and then reattach the cap. Reattach the pre-filter to the intake tube. Replace in the intake line (11) after cleaning.
- 4) If used, disconnect your coffee container spout system, dismantle, and clean it as well.
- 5) Add one teaspoon of Cold Pro™ Cleaner to one liter of water in a container of your choice. Let the dispenser pull the solution through its lines as it would with water or coffee until the solution leaves the tap. Release tap handle to stop dispensing the solution.
- 6) Allow to sit for one hour.
- 7) Flush the dispenser with water before using it to dispense product.
- 8) Unscrew the entire tap at its base. Pull out the silicon tube and rinse well with water. Re-insert the silicon tube and screw the tap back together once complete. Note that the top part of the silicon tube is perforated and this should be at the farther end inside the machine.
- 9) Switch off the air compressor and pull the tap handle (1) again. This will release any internal pressure. Keep the intake tube (11) connected throughout.
- 10) Check the quality of your coffee before serving.

Maintenance

The Cold Pro Nitro™ System has very little maintenance requirements.

Remove Dust at the Air Intake Vents (9)

- Blow away any dust particles that settle at the air intake vents on the side of the dispenser at least every 6 months or as needed. Dust particles on this vent can reduce the machine's cooling efficiency.

Changing O-rings and Connectors

- If a BiB system is used, O-rings or connectors may need to be changed periodically. Frequency of changing these parts depends on the specific system being used.
- Brewista recommends checking these connections about once a month to ensure proper system function.

Other Maintenance and Repairs

- In case of failure, problems, or a suspected fault resulting from a fall, immediately remove the plug from the power socket and alert a service provider or specialized technician. Never attempt to operate the Cold Pro Nitro 2™ if it is faulty. Please report any fault in the Cold Pro Nitro 2™ to your service provider. Only qualified service providers may carry out servicing operations and repairs on the Cold Pro Nitro 2™. Contact Brewista at help@mybrewista.com for more information.

Troubleshooting your Cold Pro Nitro 2™ System

Problem	Cause	Solution
Not enough or too much foam	The gas needle valve is not set up properly.	Follow instructions in the "Adjusting the Gas Level" section on page 7. The needle valve has a default setup of 1.
	A change in the foaming behavior can also be a result of a flowrate reduction due to clogging of the filter adapter (13) or the spout (3).	Check all filters or strainers and remove any particles in it. Unscrew the tap nozzle (3) and check for particles lodged in the strainer.
	If there is suddenly too much foam, the dispenser might be sucking air in via the product intake line (11).	Ensure that all connections between the dispenser and coffee container are sealed well. Sometimes the push-in connection system causes air leaks that need to be removed.
Dispensed coffee is not cold enough	No electrical power or temperature control is turned off.	Check the dispenser's electrical connection. If the air compressor is working then the problem is not power related. For maximum cooling, turn the temperature control to the MAX position.
	When I pour two glasses of Nitro Cold Brew coffee, the second one is sometimes slightly less chilled than the first one. Why is this happening?	We recommend pouring for 45 seconds and then pausing for 15 sec. before your 2nd pour. This allows the coffee inside the fridge to chill to your desired temperature. The temperature can be adjusted on the thermostat knob on the control panel. The target pour temperature is 35.6°F (2°C). In cases of continuous pouring, temperature may rise to 41°F (5°C). If the cooling capacity of the device is not strong enough, you will need to increase the cooling capacity using solutions found on page 8.

Problem	Cause	Solution
<p>Dispensed coffee is not cold enough (Continued)</p>	<p>I have the fridge set at the coolest possible temperature but the beverage is not cold enough, why is this?</p>	<p>The variance between the Cold Brew coffee in your container/BiB and at the tap is 36°F (18°C). This means if your cold brew coffee is 68°F (20°C) then the nitro coffee at the tap will be 36°F (2°C). For best results, use cold brew coffee that has a temperature of 68°F (20°C) or cooler. Do not use frozen or nearly freezing liquids with your Cold Pro Nitro 2™.</p>
<p>The dispenser does not dispense coffee</p>	<p>Filter adapter (13) in the intake line is clogged.</p>	<p>Check to see if the filter strainers are clogged and clean per instructions on page 9 of this manual if needed.</p>
	<p>Air compressor is turned off or has no electrical power.</p>	<p>Check the power switch (6) at the base of the dispenser to ensure it is turned on and if the dispenser has power.</p>
	<p>Coffee is frozen.</p>	<p>Unplug the Cold Pro Nitro 2™ entirely from the power supply and wait 15 minutes. Repeat until the machine starts to work correctly again.</p>
	<p>If the gas level to be put into the coffee is set too high, the gas flow overpowers the liquid flow. In this case no coffee comes out of the tap.</p>	<p>Follow instructions in the "Adjusting the Gas Level" section on page 7. The needle valve has a default setup of 1 mm with a tolerance of +/- 0.25</p>

Problem	Cause	Solution
<p>The dispenser does not dispense coffee (Continued)</p>	<p>If the dispenser was used without a filter adapter (13) in the intake line (11), sediment can get into the pump and damage or block valve parts. This could lead to a lack of suction and may void the warranty.</p>	<p>In such a situation, the dispenser and the pump must be flushed with tap water.</p> <ol style="list-style-type: none"> 1) Complete step 8 in the cleaning instructions of this manual (page 9). Check to see if there is a blockage. 2) Test to see if the dispenser pours. 3) If not, there may be a bigger blockage in the liquid pump. You will need to unscrew the spout. 4) Remove the BiB Adaptor and place a hose at the far end of the intake tube. 5) Turn power button (6) on. 6) Pour water into the intake tube (11) at a high pressure. Pull the tap (still without a nozzle) to flush out any sediment that is stuck in the machine. 7) The pressure of the water will force out any blockage. 8) Reattach the spout to the tap. 9) Reattach the BiB adapter to intake tube (13). 10) Resume normal operation.

LIMITED WARRANTY

1-Year Limited Warranty from the date of original purchase.

1. This warranty extends only to the original consumer, purchaser, or gift recipient. Keep the original sales receipt, as proof of purchase is required to make a warranty claim. The product must be purchased at an authorized retailer for the warranty to be valid.
2. Defects that occur due to improper connection, improper handling, poor water quality, or repair attempts by non-authorized persons are not covered by the warranty. The same applies for failure to comply with the use of consumables (e.g. cleaning and decalcifying agents) that do not correspond to the original specifications.
3. Routine wear parts (e.g. seals and valves) and fragile parts, like glass, are excluded from the warranty.
4. Damages which are not under responsibility of the manufacturer are not covered by the warranty. This is valid, especially for claims arising from improper use (e.g. operation with wrong type of current or voltage).
5. The guarantee becomes void if repairs are carried out by third parties, who are not authorized by the manufacturer to do so and/or if spare parts are used other those from the original equipment manufacturer.
6. Failure to comply with any important safeguards listed in section 1 will void the limited warranty.

To make a warranty claim, do not return this appliance to the store. Please email help@mybrewista.com or call 1-888-538-8683. For faster service, locate the model, type, and serial numbers on your appliance and have available for the call or include in your email.



Correct Disposal of this Product

This symbol indicates that this product should not be disposed of with other household wastes throughout the European Union. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can collect this product for environmentally safe recycling.

WARNING: Never leave the unit unattended while appliance is running, especially if there are children nearby.
WARNING: Do not immerse the unit in water or any other liquid. This may cause electric shock or damage the appliance.

TECHNICAL DATA

For countries with voltage ranging from 110-127V

Rated voltage: 115 V ~60 Hz

Rated current: 3.2A

Rated power input: 368W

For countries with voltage ranging from 220-240V

Rated voltage: 220-230 V ~50 Hz

Rated power input: 280W / 1.45-1.52 A



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