



Bella Cascata

Water Purification System Cut Sheet



Dimensions	Bella Cascata	
Depth	19.1" without Drip Tray (486.6 mm)	19.9" with Drip Tray (506.6 mm)
Width	11.0" (280.0 mm)	
Height	17.1" (436.0 mm)	
Weight	52.9 lbs (24.0 kg)	



-  Chilled Still
-  Chilled Sparkling

- Countertop System
- 10 L/Hr. Chilled Sparkling and Chilled Still Water
- Sediment/Carbon + Ultra-Filtration + UV

Technical Information	
Water Filtration System	Sediment/Carbon + Ultra-Filtration + UV
Machine Configuration	All-in-One (Refrigeration, Carbonation, and Filtration) Countertop System
Material	Stainless steel
Maximum Chilled Sparkling Capacity	10 L/Hr.
Maximum Chilled Still Capacity	2.5 L/Hr.
Avg. Time To Fill A One Liter Bottle	20 sec
Standard Oper'g Water Supply Pressure Psi (bar) – regulated With A Pressure Regulator (included)	15 psi min. – 60 psi max. (1.0 – 4.0 bar)
Electrical (Volts/Hertz/Amperes)	110-120V / 60HZ / 1.9 AMPS (US) 220-240V / 50-60HZ / 1.0 AMPS (INT'L)
Electric Power Consumption (approximate)	140 Watts per hour

1. Water Supply:

- 1.1** Water supply shut-off valve that can adapt to a 3/8" compression fitting within 5' (1.5m) of the machine location
- 1.2** Shut-off valve that will only be used for the Natura unit. Cannot be shared with espresso machines, coffee makers, ice machines, etc.
- 1.3** Maximum inlet water temperature of 75°F (24°C). High temperature will affect chilled water capacity
- 1.4** Minimum inlet water flow rate of 2.2 L/Min.
- 1.5** Water pressure range: 15 PSI - 60 PSI

2. Dedicated CO2 + Electrical Supply:

- 2.1** The system can be installed with built-in CO2 canister (SUPPLIED BY NATURA)
- 1.2** Electrical supply available within 5' of machine location: 115V for NWBC-110V; 230V for NWBC-220V

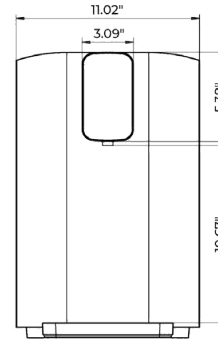


3. For External CO2 Connection Only

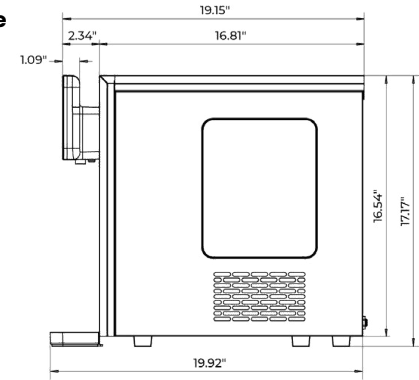
- 3.1** Dedicated CO2 connection line from the external CO2 canister (standard tanks are 5–50 lbs UN1013 Food Grade CO2) requires the external tank to have a dedicated CO2 regulator
- 3.2** Place the CO2 canister within 5' of the machine location
- 3.3** Dedicated CO2 connection line from the external CO2 canister requires a minimum pressure rating of 50 PSI
- 3.4** Dedicated CO2 connection line from the external CO2 canister requires the pressure regulator to be set at 65 PSI

Technical Drawing

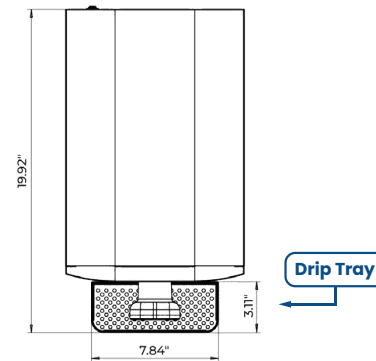
Front View



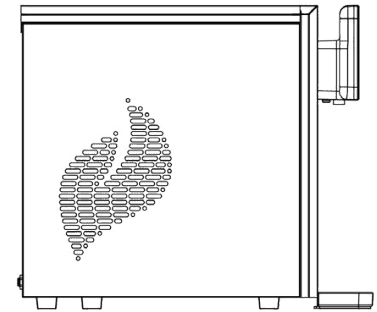
Right Side



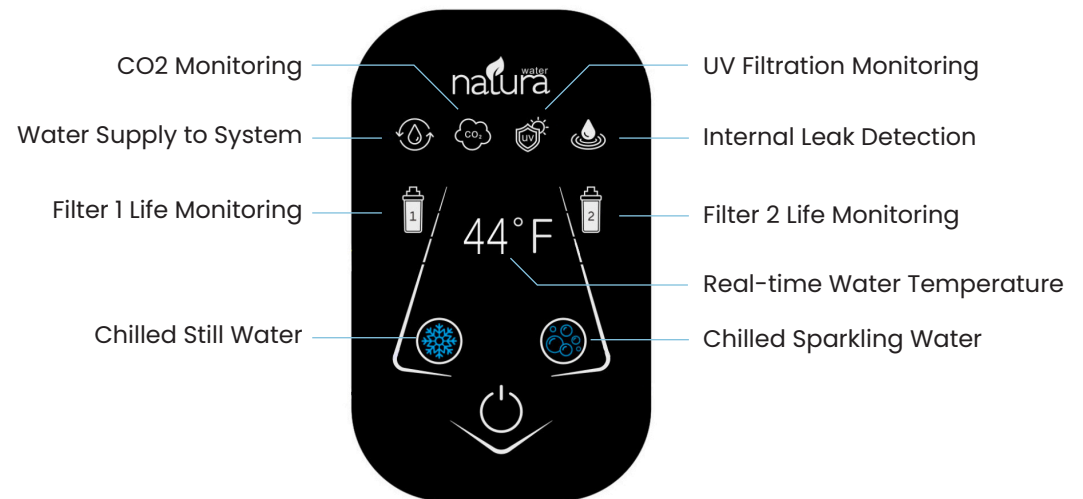
Top View



Left Side



Features





3 Stage Filtration System

Stage 1. Sediment/Carbon Filter

As water passes through a carbon/sediment filter, sediment and larger particles are trapped in the filter media, improving clarity and removing cloudiness. Simultaneously, activated carbon adsorbs contaminants like chlorine, volatile organic compounds, and bad odors, enhancing the taste and safety of the water.

Stage 2. Ultra Filtration Filter

The Ultra Filtration Filter is designed to remove suspended matter, colloids, and bacteria. These unwanted particles are physically trapped, resulting in clearer and safer water. Additionally, the filter employs specific media that chemically binds to heavy metal ions like lead, mercury, and cadmium, effectively reducing their concentrations and preventing them from entering the water supply.

Stage 3. TRUE UV Light Filter

As water flows through a UV filter, ultraviolet light disrupts the DNA of microorganisms, effectively inactivating bacteria, viruses, and protozoa. This process renders the pathogens harmless, significantly improving the water's safety for consumption without altering its chemical composition.

