

## “Nano Brewer Dual” Professional Brewing System

### *System Options and Specifications*

The “Nano-Brewer Dual” Brewing System is an all electric, self contained brewing system suitable for Restaurants and bars wanting to enter the craft beer market, commercial brew pubs or Nano Breweries. The system provides all of the same functionality of a traditional 3 kettle brew house while taking up less space and shortening the average brewing session to 4 hours.

Advanced electric temperature control provides for accurate, repeatable brewing sessions.

Currently available in 50, 100, 200 and 300 gallon configurations.

#### **Base Specifications;**

Control panel with PLC touch screen Operation. UL/CSA listed

Base Kettle sizes: 2 x 25 gallon / 2 x 50 gallon / 2 x 100 gallon / 2 x 150 gallon

Kettle construction: 304 Stainless Steel, welded sanitary tri-clamp fittings.

Basket construction: 800 micron stainless steel mesh with stainless steel frame.

Frame: Polished 304 stainless steel with integrated hoist/pulley

Pulley system: 4:1 pulling ratio 40 gallon, electric hoist on 100, 200 and 300 gallon versions

Pump: 2 x Stainless Steel Pump

Tri-clamp RTD temp. probe.

Integrated flow control (flow hardware optional on 50 gallon version)

2 pump control outlets

Stainless steel Plate chillers

Stainless hot water meter (optional for 50 gallon version)

2 x stainless solenoid valves (optional on 50 gallon version)

#### **Electrical Specifications and Requirements;**

Single Phase system input voltage: 50 gallon - 240V 50A GFCI Outlet, 100 gallon version 240V 100A (2x 50A GFCI outlets), 200 gallon, 240V 150A (3 x 50A outlets). For 208V operation 60A circuits required.

3 Phase 200 or 300 gallon versions - 2 50A 3 phase feeder circuit required

*System specifications continued;*

**Overall product dimensions and clearance requirements:**

**NOTE: Custom design changes can be made to accommodate situations where lower overall height is required.**

Overall system dimensions 50 gallon version: 6' W x 2' D x 6'6" H (To top of hoist). Dry weight; 220 lbs

Overall system dimensions, 80/100 gallon version: 7' W x 2' 2" D x 7' 6" H (to top of hoist)  
Dry weight: 550 lbs

Overall system dimensions 200 gallon version: 8' W x 3' D x 9' H (to top of hoist)  
Dry Weight: 750 lbs.

Overall system dimensions 300 gallon version: 9' wide x 3'6" deep x 9' High

Warnings, notes and general product information.

- Ground fault protection is required on single phase units. A Nationally recognized testing laboratory approved GFCI breaker in your main electrical panel should be installed or connect the system to an approved Spa Panel.
- **Caution:** Water temperatures over 125°F (52°C) can cause severe burns instantly or death from scalding. Use caution and personal protection when working with and around the brewing system.
- When installing Follow all local building and electrical codes.
- The installer (licensed professional) is responsible for the correct installation of the brewing system and for compliance with all national, state/provincial, and local codes.
- **Caution:** This is a high voltage appliance, never open the control panel unless power has been disconnected (plug removed and/or main breaker shut off). Servicing of the equipment should only be performed by a licensed professional.

## **Operation**

The Nano-Brewer Dual is a unique brewing system capable of producing professional quality beer with several different brewing methods. The system can brew a single style of beer in each of the kettles simultaneously, or brew 2 different beers simultaneously in single vessel mode.

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