



PRECISION BREW™

SHUTTLE® BREWING SYSTEMS



www.grindmaster.com

PRECISION BREW™ Series



Model PBIC-330

(Includes VS-1.5S Shuttle® with stand)

Single, 1.5 Gallon Brewer

Brews into VS-1.5S Vacuum insulated Shuttle®



Model PBIC-430

(Includes two VS-1.5S Shuttles® with stand)

Twin, 1.5 Gallon Brewer

Brews into VS-1.5S Vacuum insulated Shuttles®



Model VS-1.5S

Stainless Steel, Vacuum Insulated,
Shuttle® with stand

Commercial Brewing Systems



Model PB-330

(Classic Shuttle® included with brewer)

Single, 1.5 Gallon Brewer

Brews into radiant heat, air insulated Classic Shuttle®

Model PB-430

(Two Classic Shuttles® included with brewer)

Twin, 1.5 Gallon Brewer

Brews into radiant heat, air insulated Classic Shuttles®



Model PBVSA-330

(VS-S Vacuum Shuttle® included with brewer)

Single, 1.5 Gallon Brewer

Brews into VS-1.5S Vacuum insulated Shuttle® or 3.0 Liter airpot

Model PBVSA-430

(Two VS-S Vacuum Shuttles® included with brewer)

Twin, 1.5 Gallon Brewer

Brews into VS-1.5S Vacuum insulated Shuttles® or 3.0 Liter airpots



For Serious Coffee Drinkers



Precise Brew Temperature

Brewer will maintain the brew temperature to $\pm 1^{\circ}\text{F}$ or 0.5°C throughout brew cycle.

Pulse Brewing/Pre-infusion

Brewer will extract up to 20% more dissolved solids per batch of coffee. Programmable: number of pulses, pulse-on and pulse-off time. Changing pulse sequence will not vary brew volume.



Low-Temp/No-Brew

Allows brew cycle to begin only if water has reached optimum brew temperature.

Cycle Counter

The brewer counts the number of brew cycles for preventative maintenance.



Programming Lock Out

The brewer settings can be "locked" to prevent tampering.

Brew Basket Lock

The brew basket(s) are locked in-place during the brew cycle.



Brew Volumes

From 1/2 gallon (1.9 L) to 1-1/2 gallons (5.7 L), each volume can be set by "teach" mode to eliminate trial-and-error set-up.

What makes the perfect cup of coffee?

PROPER FORMULA

The ratio of coffee grounds to water should be approximately 10 grams of coffee for every 6 fluid ounces of water.

GRINDMASTER brew baskets are large enough to hold these quantities of ground coffee.

WATER QUALITY

A cup of coffee is approximately 98.7% water. Water used to brew coffee should be odor and taste free.

COFFEE GRIND PROFILE

The ideal grind profile for 1-1/2 gallon type is *Medium*. Using **GRINDMASTER's** complete line of coffee grinders you can be assured the grind profile will be exactly as it should be for this type of brewer.

EQUIPMENT CLEANLINESS

The brewer and associated components should be clean prior to brewing. Remember, a great cup of coffee is easily ruined by brewing it with dirty equipment.

BED DEPTH

The ideal bed depth of coffee in the brew basket is 1 to 2 inches. **GRINDMASTER's** brew baskets were designed to this specification.

IDEAL BREW TEMPERATURE

The brew temperature should be between 195°F and 205°F.

GRINDMASTER's precision temperature control allows you to brew your coffee at your selected temperature at $\pm 1^\circ\text{F}$ precision throughout the brew cycle.

CONTACT TIME

The ideal contact time for 1-1/2 gallon type brewers is 4 to 6 minutes. **GRINDMASTER's** Precision Brew Control allows you to program what the perfect contact time for your coffee is.



Specification Sheets Available by Model on our Full Line of PrecisionBrew™ Brewers:



**Model
PBIC-330**



**Model
PBIC-430**

Electrical <i>Worldwide Voltages Available</i>	120/240V / 6600W / 28 Amps 120/208V / 5000W / 24 Amps	120/240V / 6600W / 28 Amps 120/208V / 5000W / 24 Amps
Water Line/Pressure	3/8" (9.5mm) flare/30-70 psi	3/8" (9.5mm) flare/30-70 psi
Brew Capacity	@ 240V: 385; @ 208V: 385 5 oz. (148ml) cups per hour	@ 240V: 500; @ 208V: 385 5 oz. (148ml) cups per hour
Dimensions (H x W x D) Weight	36" x 12-1/2" x 17-3/4" / 70 lbs. 91 cm x 32 cm x 45 cm / 32 kg	40" x 32" x 28" / 130 lbs. 102 cm x 81 cm x 71 cm / 59 kg



**Model
PB-330**



**Model
PB-430**

Electrical <i>Worldwide Voltages Available</i>	120/240V / 6600W / 28 Amps 120/208V / 5000W / 24 Amps	120/240V / 6600W / 28 Amps 120/208V / 5000W / 24 Amps
Water Line/Pressure	3/8" (9.5mm) flare/30-80 psi	3/8" (9.5mm) flare/30-80 psi
Brew Capacity	@ 240V: 385; @ 208V: 385 5 oz. (148ml) cups per hour	@ 240V: 500; @ 208V: 385 5 oz. (148ml) cups per hour
Dimensions (H x W x D) Weight	25" x 9" x 18" / 50 lbs. 64 cm x 23 cm x 46 cm / 23 kg	25" x 18" x 18" / 95lbs. 64 cm x 46 cm x 46 cm / 43 kg



**Model
PBVSA-330**



**Model
PBVSA-430**

Electrical <i>Worldwide Voltages Available</i>	120/240V / 6600W / 28 Amps 120/208V / 5000W / 24 Amps	120/240V / 6600W / 28 Amps 120/208V / 5000W / 24 Amps
Water Line/Pressure	3/8" (9.5mm) flare/30-80 psi	3/8" (9.5mm) flare/30-80 psi
Brew Capacity	@ 240V: 385; @ 208V: 385 5 oz. (148ml) cups per hour	@ 240V: 500; @ 208V: 385 5 oz. (148ml) cups per hour
Dimensions (H x W x D) Weight	28" x 9" x 18" / 50 lbs. 71 cm x 23 cm x 46 cm / 23 kg	28" x 20-1/2" x 18" / 95lbs. 71 cm x 52 cm x 46 cm / 43 kg



GRINDMASTER™
CORPORATION



Tel (502) 425-4776 • Fax (502) 425-4664 • 1-800-695-4500 (USA & Canada only)