

**COMMERCIAL**

# ***Bennett 3000 SERIES***

**3700 Series with Volume-Only Electronic Display**



# Bennett 3000 SERIES SPECIFICATIONS

## 3700 SERIES VOLUME ONLY DISPENSERS & PUMPS SPEC SHEET

### SPECIFICATIONS

**Dimensions:** Low hose: 30" w x 60" h x 20" d  
High hose: 30" w x 88" h x 20" d

**Products:** Up to 2 products (per side)

**Hoses:** Up to 2 hoses (per side)

**Unit Type:** Straight grade only

**Activation:** Lift to start

**Voltage:** Operates from 115/230 VAC, 50/60Hz or 380 VAC, 50Hz

**Flow Rate<sup>1</sup>:** 18-23GPM

**Inlet / Outlet:** 1.5" dia NPT / 1" dia NPT

**Environmental:** Operating temperature from -40°F to 149°F

**Protocol:** Bennett open protocol / RS485

**Regulatory:** UL™ Listed, Weights and Measures

### STANDARD FEATURES

**Display:** LED Back-lit LCD display with 8-digit 1" for sales and volume and 4-digit ½" for price per volume

**Control:** Stand-alone (console/fleet management control available when pulser option is selected)

**Calibration:** Exclusive eCal™ (Electronic calibration) and mechanical calibration dial for SB100 Meter

**Unit of Measure:** US gallons, liters or imperial gallons

**Models:** Single; 1 product twin; 2 product twin; Quad; Active-4

**Motor:** Suction pump models feature 1-HP continuous duty motor(s)

**Satellite Outlet:** Remote models feature a satellite outlet connection

### CONSTRUCTION

**Cabinet:** Made of galvanneal components and powder coated panels to ensure the cabinet has a long life

**Nozzle Boot:** Nozzle boots available for front mount (all models) or side mount (low hose only)

**Lower Door:** Hinged swing out with dual door locks

**Upper Door:** Hinged swing down with dual door locks

**Hose Hook:** Standard heavy-duty hose hook with the option for an internal hose retractor

### COMPUTER

**Type:** Simplified, single-board 719 electronics includes CPU, power supply, eCal, RS485 connection, push-button programming switches and wiring terminal strip

**Battery Backup:** Battery backup recalls last sale in the event of a power outage

**Diagnostics:** Electronics include built-in diagnostics with error codes

**Transaction Display:** 999.999 for gallons; 9999.99 for liters

**Electronic Hose Totals:** 99999999.999 for gallons (8.3)  
999999999.99 for liters (9.3)

**Electromechanical Totalizer:** 9999999

### VOLTAGES & WIRING

Field wiring goes directly to terminal strip on computer (Installers should pull 72"/272cm of wire above grade level)

**Suction Pumps:** 1-Horsepower continuous duty motor. 115/230volt, 50/60Hz, 1-Phase. Motor has selectable voltage switch. (Optional 380volt, 3-phase motor)

**Remote Dispensers:** Available for 115 or 230volt operation

### HYDRAULICS

Precision Bennett SB100 Meter, 4-piston, positive displacement design. The SB100 is electronically calibrated (eCal) with optional mechanical calibration

**Remote Models:** Include built-in inlet check valves to keep the hydraulics full and prevent meter/pulser count-up as the submersible pump pressurizes the system.

Remote models also use a replaceable paper filter cartridge

**Suction Models:** Include 1½" ground joint union and riser pipe (not supplied with remote models)

Suction Models use a reusable strainer

**Pumping Unit:** Type 75 or Type 75-HD Bennett sliding vane pumping unit with integral vortex air eliminator

### OPTIONS

E-85 Alcohol blend compatibility, electromechanical totalizers, 2-Stage electric solenoid valve for 1-product/1-hose or 2-product/2-hose suction pumps (valve is standard on other models), sub pump relay 3-Phase contactor, custom graphics, explosion proof junction box for lower hydraulic area, 380 volt 3-Phase motors, programmable dual-channel/dual-hose pulse output board

**High Hose Models:** Intercom speaker, valance vapor coax hose outlet and internal vapor return piping, valance

**Hardware:** Internal hose retractor (low hose models), Vapor recovery nozzle boot kit (field installed) for balance vapor nozzles, Hose clamp for 5/8", 3/4", or 1" I.D. hose

**Strainers:** Strainer (in lieu of filter for remotes), strainer with cloth sacks (available for remote or suction)

Internal spin-on filter and adapter for remote models

**Stainless Steel:** Optional stainless steel packages for doors, end panels, top cover, hinged upper doors and grade panel area

**Satellites:** Companion satellites (GoPump style in low or high hose cabinets or economy LPS satellite). Satellite pipe kit installed with remote master. Satellite in-use light for remote master

Bennett dispensers may dispense "Av-Gas" but cannot dispense Jet Fuel to fuel jet air craft.

Specifications in this document are subject to change without notice.

<sup>1</sup> Flow rates are nominal rates under test conditions. Actual rates will vary subject to installation conditions, hanging hardware used, and submerged pump used if applicable.

**Bennett**  
**3000 SERIES**

# Marina Fueling



*Fuel dispensers designed to handle the harsh marine environment and weather.*

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**Products:** Up to 2 products (per side)

**Hoses:** Up to 2 hoses (per side)

**Unit Type:** Straight grade only

**Hydraulics:** Suction or remote

**Activation:** Lift to start

**Displays:** LCD 8-digit 1" for sales and volume  
LCD 4-digit ½" price per volume

**Voltage:** 120/240 VAC, 50/60Hz

**Flow Rate:** 18-23GPM<sup>1</sup>

**Inlet / Outlet:** 1.5" dia NPT / 1" dia NPT

**Protocol:** Bennett open protocol / generic / RS485

**Regulatory:** UL™ Listed, Weights and Measures

## OPTIONAL FEATURES

**Payment Options<sup>2</sup>:** A variety of payment options are available for the 3000 series dispenser depending on your needs.

- 7" Widescreen display with soft keys
- EMV ready Hybrid Chip card reader
- PCI compliant Encrypted PIN Pad
- High-speed receipt printer
- Alpha keypad available
- EMV capable NFC reader for contact-less payment, mobile payment, loyalty, and other near-field devices

**Stainless Steel:** Optional stainless steel packages for doors, end panels, top cover, electronic cover assembly, hinged upper doors and grade panel area

**Other Options:** Low hose or high hose, side mount (low hose only) or front mount nozzle boots, two-tier price displays, electro-mechanical totalizers, junction box, pulse output board, automatic temperature compensation, intercom speaker, intercom speaker with call button, custom graphics, valance (high hose models)

## BASE MODEL NUMBER DESCRIPTIONS

1	2	3	4	5	6	7
3	8	1	2	S	N	R

**1. 3000 Dispenser Series:** Always "3"

**2. Display Type:** 7=Commercial display  
8=Retail display one tier prices  
9=Retail display two price tiers

**3. Products:** 1 or 2

**4. Hose Outlets:** 1, 2, or 4

**5. Flow Rate:** S=Standard

**6. Hydraulic Details:** Always "N" for None

**7. Hydraulics:** R=Remote  
S=Suction  
P=Suction w/ prepay valve(s)



<sup>1</sup> Flow rates are nominal rates under test conditions. Actual rates will vary subject to installation conditions, hanging hardware used, and submerged pump used if applicable.

<sup>2</sup> Payment options are only available on front mounted units

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RETAIL

# Bennett 3000 SERIES



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**Payment Options<sup>2</sup>:** A variety of payment options are available for the 3000 series dispenser depending on your needs.

- **EMV-R:** 7" Widescreen display with soft keys, hybrid chip EMV card reader, PCI compliant EMV ready EPP, high speed receipt printer
- **Full-EMV:** Full EMV payment with 7" display (require dispenser hub board and in-store hub box)
- **Credit-Alpha:** 7" Widescreen display with soft keys, dual side credit/fleet card reader, alphanumeric pin-pad, high speed receipt printer
- **Credit-Numeric:** Numeric credit only payment
- **Audio:** Media kit with external audio for 7" displays
- **NFC**
- **Local Preset**

**Stainless Steel:** Optional stainless steel packages for doors, end panels, top cover, electronic cover assembly, hinged upper doors and grade panel area

**Other Options:** Low hose or high hose, side mount (low hose only) or front mount nozzle boots, two-tier price displays, electro-mechanical totalizers, junction box, pulse output board, automatic temperature compensation, intercom speaker, intercom speaker with call button, custom graphics, valance (high hose models)

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