



## **BIMINI BUDDY**

# HYDRAULIC SEPARATOR

Designed to be installed with any wall-mounted Bimini boiler.

## ***Introducing the New Bimini Buddy***

The Bimini Buddy, designed to be installed with any wall-mounted Bimini Boiler, includes all near boiler piping needed for good hydraulic separation and air elimination in a *compact, factory assembled package*. In addition, some models include provisions for domestic hot water production.

The BB100I and BB100C models utilize the circulator that comes with the Bimini boiler so a separate DHW circulator isn't required. They also include a three way zone valve for domestic hot water priority that is wired directly to the Bimini without the use of any additional controls.

All Bimini Buddies have an attractive jacket and convenient connections for the boiler system, air vent and expansion tank.

The Bimini Buddy has reversible piping so that it can be piped either right or left of the boiler (factory piping is for installation on right side of boiler.)

### **Three Bimini Buddy Models**

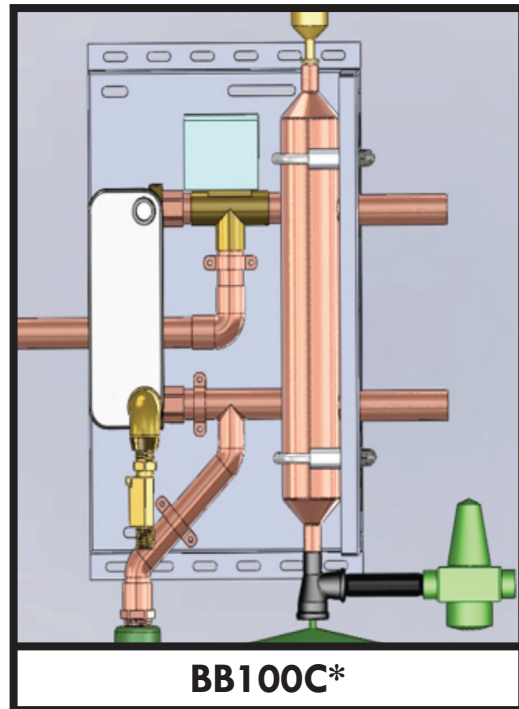
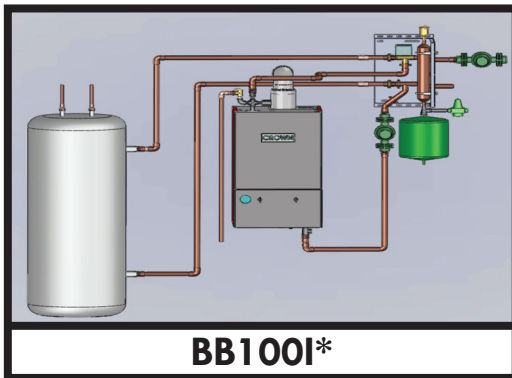
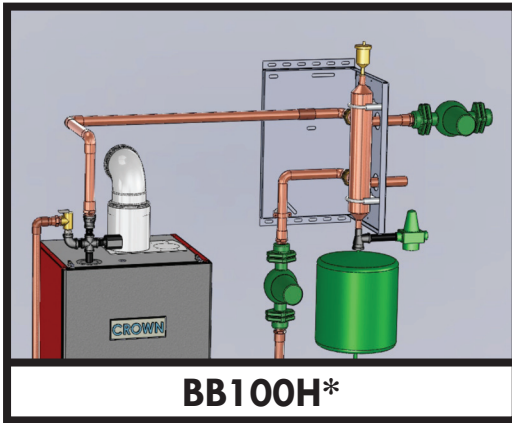
**BB100H** - For heat only applications.

**BB100I** - For connection of a Bimini boiler to a heating system and an indirect water heater like the Mega-Stor.

**BB100C** - Combi unit with a plate heat exchanger and flow switch for domestic hot water production in tight places.



# BIMINI BUDDY TECHNICAL INFORMATION



\*Expansion tank not included.

## SPECIFICATIONS

MODEL	MAX. OPERATING PRESSURE	MAX. OPERATING TEMP.	3-WAY VALVE MOTOR RATING	FLOW SWITCH SET-POINT	FLOW SWITCH CONTACT RATINGS	DIMENSIONS			WEIGHT	MAX EXPANSION TANK DIA.
						WIDTH	HEIGHT	DEPTH		
BB100H						12"	19-3/4"	12-1/2"	24 LBS	11"
BB100I	50 PSI	200°F	120VAC, 50/60 HZ, 6.5 W	0.50 GPM	20VA PILOT DUTY AT 120VAC	12"	19-3/4"	12-1/2"	27 LBS	11"
BB100C						12"	19-3/4"	12-1/2"	30 LBS	11"

### Domestic Hot Water Output for Bimini Buddy Models BB100C

Bimini Boiler	Continuous Draw (GPM)	
	77°F Rise	90°F Rise
BWC070	1.53	1.32
BWC090	2.09	1.80
BWC120	2.70	1.84
BWC151	2.94	1.94

### Standard Equipment on BB100H and All Bimini Buddy Models

- Factory Assembled
- Deluxe Painted Cover with slots for wall mounting
- Hydraulic Separator with:
  - Boiler, heating system, expansion tank and air elimination connections.

### BB100C includes standard equipment as well as:

- Brazed Plate Heat Exchanger for domestic hot water
- 120 volt Three Way Zone Valve and Flow Switch for domestic hot water priority

### BB100I includes standard equipment as well as:

- 120 volt Three Way Zone Valve for domestic hot water priority
- Indirect Water Heater connections (1" copper)



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