

BOCK Combi-Twin

**Radiant and domestic hot water
combined in 1 twin heating appliance**

**76,000 BTU Power Direct Vent gas commercial water
heater with internal coil heat exchanger
for radiant applications.**

3" or 4" PVC, ABS or CPVC Venting

- ◆ **Five-year limited tank warranty**
- ◆ Vertical or horizontal plastic vent
- ◆ Room or outside combustion air
- ◆ Zero clearance to combustibles
- ◆ 75 and 100 gallon capacities
- ◆ Self-diagnostic control with integrated ECO
- ◆ 120°F to 180°F settable temperature
- ◆ Top: 1" hot/cold domestic hot water connections
- ◆ Side: 1" in/out radiant connections
- ◆ Natural gas or liquid propane (LP) burner
- ◆ Glass-fused-to-steel tank interior
- ◆ Two magnesium anode rods
- ◆ **ecomate®** insulation
- Does not contribute to global warming



Turboflue®
heat exchanger

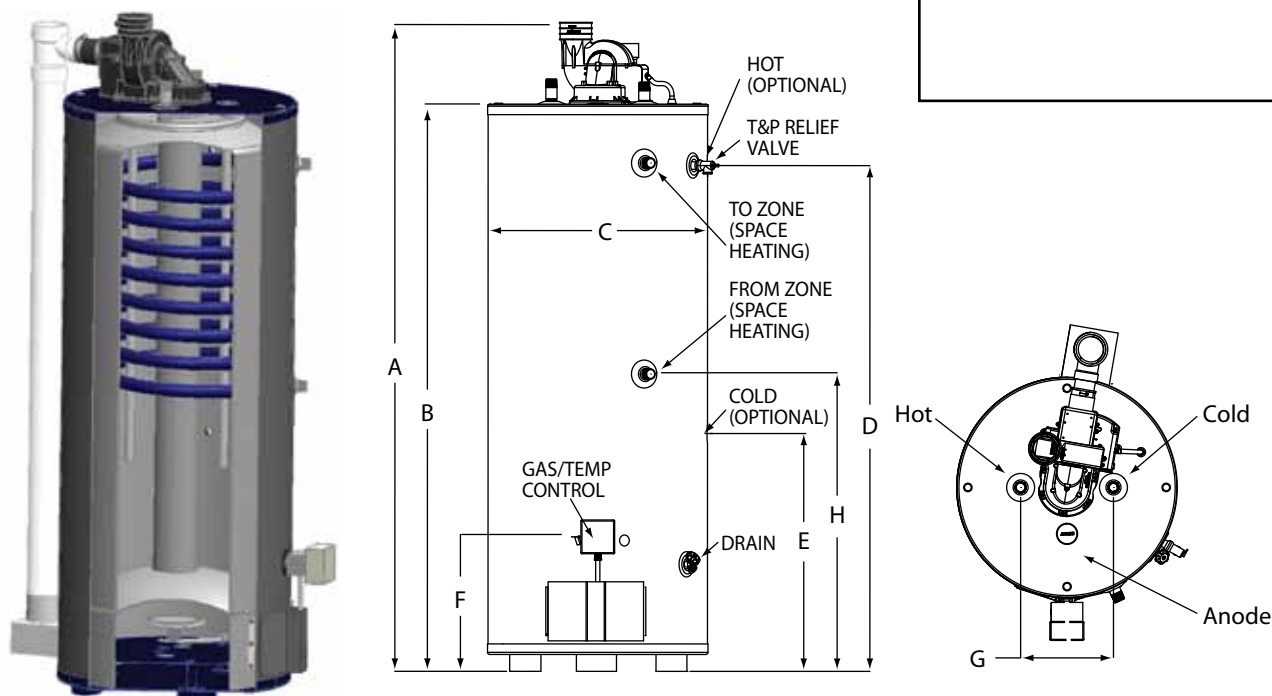
- ◆ Energy-Saving Turbofins conduct more heat into water
- ◆ Robust single-flue design yields a stronger, more durable tank



We take water heaters very personally!

BOCK Combi-Twin

This product is available from:



PDV-C Coil Performance

Supply Temperature	140°F	120°F	100°F
Return Temperature	120°F	100°F	80°F
Flow Rate (GPM)	3.7	5.0	5.0
Space Heating Capacity (BTU/HR)	31,500	43,000	43,000

*Note: Values were obtained with storage tank setpoint of 180°F

Minimum and Maximum Vent and Air Intake Pipe Lengths (Two-Pipe Terminations)

Pipe Ø (in)	Minimum Equivalent Pipe Length (per pipe run)		Maximum Equivalent Pipe Length (per pipe run)*	
	Air Intake FT (m)	Vent FT (m)	Air Intake FT (m)	Vent FT (m)
3	5 (1.52)	12 (3.66)	55 (16.76)	55 (16.76)
4	5 (1.52)	12 (3.66)	85 (25.91)	85 (25.91)

*Note: For concentric terminations, subtract 10 feet from maximum equivalent pipe length. Equivalent straight pipe length of 90° elbow equals 5 feet.

Model	Storage GAL (L)	Rated Input BTU/HR (kW)	Recovery @ 100°F Rise GAL/HR (L/HR)	1ST Hr. Del. @ 100°F Rise GAL (L)	Dimensions in Inches (cm)								Inlet Size (NPT)	Outlet Size (NPT)	Gas Conn. Size (NPT)	Shipping Weight LBS (kg)
					A	B	C	D	E	F	G	H				
EZ75-76PDVN-C	73 (276.34)	76,000 (22.27)	74 (280.12)	133 (503.50)	76.88 (195.28)	67.25 (170.82)	26 (66.04)	60 (152.40)	28.19 (71.60)	16 (40.64)	11 (27.94)	32.94 (83.67)	1.0	1.0	0.5	469 (212.73)
EZ100-76PDVN-C	98 (370.97)	76,000 (22.27)	74 (280.12)	153 (579.17)	76.88 (195.28)	67.25 (170.82)	28 (71.12)	60 (152.40)	28.19 (71.60)	16 (40.64)	11 (27.94)	32.94 (83.67)	1.0	1.0	0.5	572 (259.45)

For LP models change suffix "N" to "LP"

T&P valve and brass drain valve factory installed.

Standard Voltage (all): 120V, 60 Hz, 1P

Maximum Pressure: 150 psi (1034 kPa)

All Bock products meet or exceed current ASHRAE standards.

Warning: Installation should be in accordance with all national and/or local codes. In the absence of local codes, refer to NFPA 54 or ANSI Z21.10.1.

Caution: The recommended maximum hot water temperature setting for normal residential use is 120°F. Bock recommends a tempering valve or anti-scald valve be installed and used according to the manufacturer's directions to prevent scalding.

