

# **BOCK**

## **WATER HEATERS**

### **High Efficiency Condensing Commercial Gas Water Heaters**

*Up to 99% Thermal Efficiency*

■ Three-Year Limited Tank/Heat Exchanger Warranty

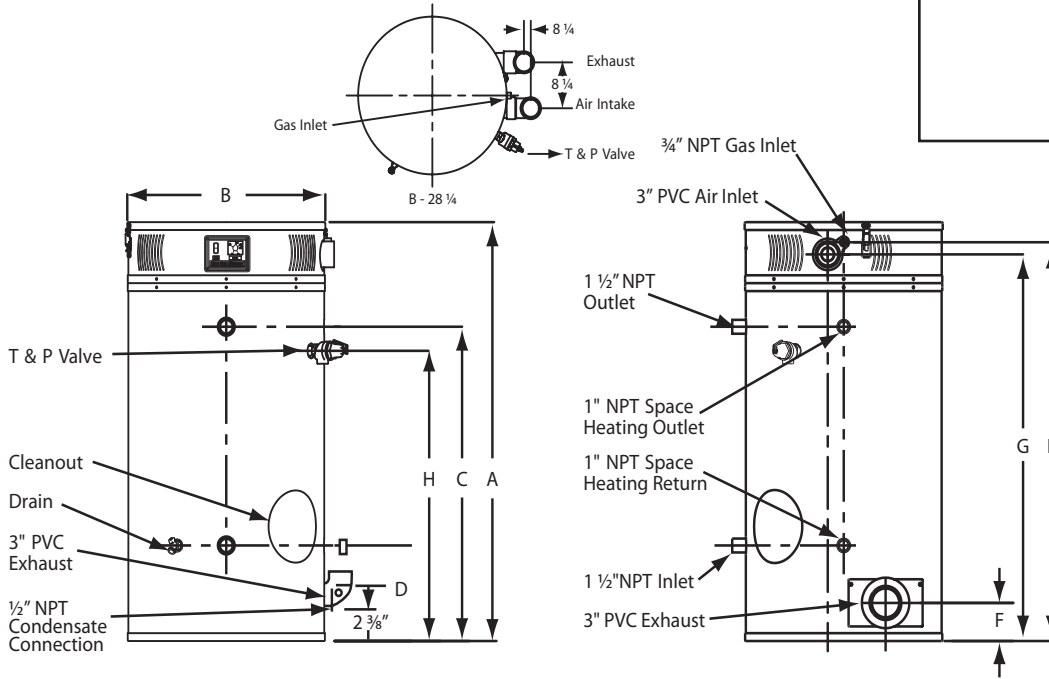
- 125,000 to 199,999 BTU/hr
- 60 gallon capacity
- Available in natural gas or LP gas
- PVC conventional, through-the wall or direct vent
- Premix power burner
- Non-CFC foam insulation
- Electronic ignition and controls
- Zero inch clearance to combustibles
- Glass-lined storage tank
- Hand hole cleanout
- Sediment reduction system
- NSF kit available
- Concentric vent kit available
- Ultra-Low NOx SCAQMD certified
- Design certified by CSA International (formerly AGA/CGA)
- Made in the USA



**COMMERCIAL**  
• HIGH EFFICIENCY CONDENSING •

*WE TAKE WATER HEATERS PERSONALLY*

This product is available from:



### Determining Required Vent Length

1. Determine the total length of straight vent pipe (in feet) required for both the intake and the exhaust.
2. Add 5 feet of venting for every 90° elbow.
3. Add 2½ feet of venting for every 45° elbow.
4. Total vent length cannot exceed "Max Length" in the above chart.
5. Air intake cannot exceed exhaust by more than 30 feet in any venting situation.

**Do not include the 3" exhaust elbow or vent terminals in determining maximum vent length.**

### Maximum Venting Lengths (Combined) (Max. Vent = Exhaust + Intake)

Model	3" PVC, ABS & CPVC	4" PVC, ABS & CPVC
60HEC-125	120 ft.	170 ft.
60HEC-150	100 ft.	150 ft.
60HEC-199	80 ft.	130 ft.

NOTE: 3" + 4" - 90° Elbows = 5' pipe  
3" + 4" - 45° Elbows = 2.5' pipe

Model	Storage GAL (L)	Rated Input BTU/HR (kW)	Thermal Eff. %	1st Hour Delivery @ 100°F Rise GAL (L)	Recovery GAL/HR (L/HR) @ Degree Rise			Dimensions in Inches (cm)								Water Conn. Dia. NPT	Shipping Weight LBS (kg)
					40° F (22° C)	100° F (56° C)	140° F (78° C)	A	B	C	D	E	F	G	H		
60HEC-125	60 (227.12)	125,000 (36.63)	96.0%	187 (707.87)	364 (1,377.89)	145 (548.88)	104 (393.68)	57.00 (144.78)	28.25 (71.76)	42.00 (106.68)	13.00 (33.02)	53.50 (135.89)	5.00 (12.70)	52.50 (133.34)	40.00 (101.60)	1.50	570 (258.55)
60HEC-150	60 (227.12)	150,000 (43.96)	93.0%	211 (798.72)	423 (1,601.23)	169 (639.73)	121 (458.03)	57.00 (144.78)	28.25 (71.76)	42.00 (106.68)	13.00 (33.02)	53.50 (135.89)	5.00 (12.70)	52.50 (133.34)	40.00 (101.60)	1.50	570 (258.55)
60HEC-199	60 (227.12)	199,999 (58.61)	92.0%	265 (1,003.13)	558 (2,112.26)	223 (844.15)	159 (601.88)	57.00 (144.78)	28.25 (71.76)	42.00 (106.68)	13.00 (33.02)	53.50 (135.89)	5.00 (12.70)	52.50 (133.34)	40.00 (101.60)	1.50	570 (258.55)

### 115V A.C. Required.

**T&P Valve, Brass Drain Valve, Dielectric Fittings, Magnesium Anode Rods:** Factory Installed.

**Pressures (all):** Working Pressure, 150 psi; Tested Pressure, 300 psi.

**AMP Draw Range:** = 1.0 to 1.8 amps

These models meet or exceed the Thermal Efficiency and Standby Loss Requirements of ASHRAE 90.1b current standard.

**Warning:** Installation on hard surface only. Installation should be in accordance with all national and/or local codes. In the absence of local codes, refer to NFPA 54.

**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.