

600,000 to 900,000 BTU/hr

**NEW**

# **BOCK**<sup>™</sup>

## **WATER HEATERS**

### **High BTU Instantaneous Modulating Condensing Commercial Water Heaters**

- Five-Year Limited Tank/Heat Exchanger Warranty  
– THE INDUSTRY'S FINEST

#### **OptiTHERM<sup>®</sup> for Optimal Thermal Efficiency:**

- 600/700/800/900,000 BTU Inputs
- 130 gallon tank
- Extremely efficient
  - 99% at Low Fire
  - 98% at High Fire
- New Touch Screen Controls for ease of operation
- Fits through a 36-inch door
- Front intake/exhaust for zero rear clearance
- BACnet/BMS/BOCK Net Remote Access
- Manual reset high limit (field testable)/High-Low Gas Pressure Switches/Optional Low Water Cutoff
- Automatic cathodic corrosion protection system
  - No sacrificial anode rods
- PVC/CPVC/ABS venting - 240' maximum power vent length
- Glass-fused-to-steel water tank and heat exchanger
- SCAQMD certified Ultra-Low NOx
- Natural gas or propane fuel
- Stealth Quiet<sup>™</sup> operation
- Built-in pallet jack openings and lifting lugs

#### **Turboflue<sup>®</sup> High Performance Heat Exchanger:**

- Patented helical-fin multi-stage design
- Superior heat conduction and fuel efficiency

**Made in the USA**



**OPTiTHERM<sup>®</sup>**  
**Instantaneous**

*BUILT LIKE A BOCK*



## OT600N/OT700N/OT800N/OT900N

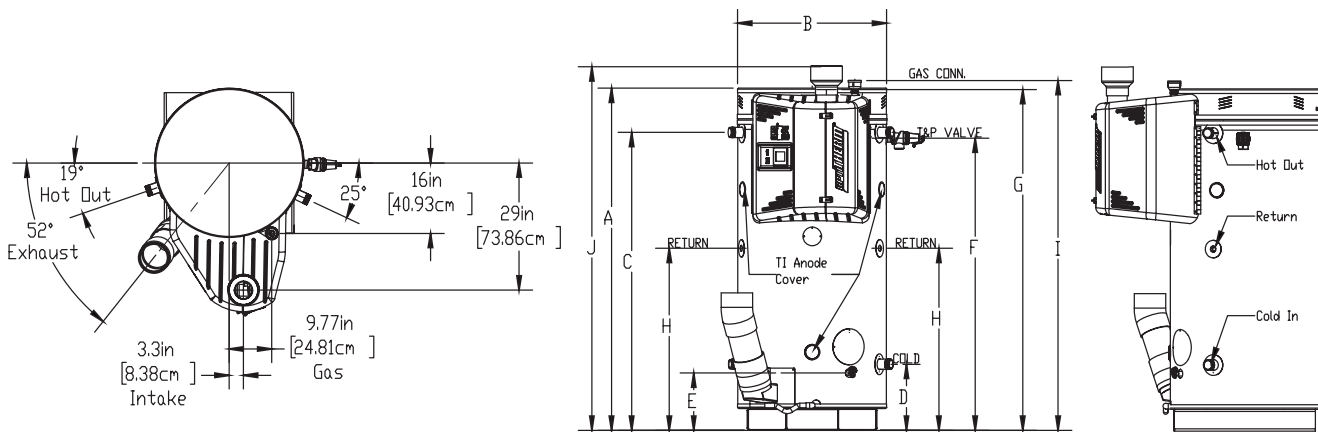
### Minimum and Maximum Vent Lengths - 6" Pipe

Model	Pipe Arrangement	Minimum Equivalent Pipe Length (per pipe run)		Maximum Equivalent Pipe Length (per pipe run)	
		Air Intake (ft)	Vent (ft)	Air Intake (ft)	Vent (ft)
OT600N/OT700N/ OT800N/OT900N	Power Direct Vent (2 Pipe)	20	20	100	100
	Power Vent (1 Pipe)	0	20	0	200

### Storage, Inputs, Recovery & Efficiency

Model	Storage GAL (L)	Max. Rated Input BTU/HR (KW)	Min. Rated Input BTU/HR (KW)	Recovery @ 100°F Rise GAL/HR (L/HR)	1st Hr. Del. @ 100°F Rise GAL (L)	Thermal Efficiency @ Max Input (%)	Thermal Efficiency @ Min Input (%)
OT600N-A	130 (492)	600,000 (175)	140,000 (41)	706 (2,675)	797 (3,017)	98	99
OT700N-A	130 (492)	700,000 (205)	140,000 (41)	824 (3,121)	915 (3,464)	98	99
OT800N-A	130 (492)	800,000 (235)	140,000 (41)	941 (3,567)	1,032 (3,907)	98	99
OT900N-A	130 (492)	900,000 (264)	140,000 (41)	1,059 (4,013)	1,150 (4,353)	98	99

NOTE: OT 600/700/800/900 only ASME and high altitude models available.  
Change the suffix from "N" to "LP" to designate liquid propane. "A" denotes ASME construction.



### Dimensions and Connections

Model	Dimensions in Inches (cm)										Cold NPT	Hot NPT	Recirc. Return NPT	Gas NPT	Air Intake PVC	Exhaust Vent PVC	Shipping Weight LBS (kg)
	A	B	C	D	E	F	G	H	I	J							
OT600N-A																	
OT700N-A	78 (199)	34 (86)	68 (173)	15 (38)	13 (33)	67 (170)	78 (198)	42 (106)	80 (203)	83 (211)	2"	2"	1"	2"	6"	6"	1,700 (773)
OT800N-A																	
OT900N-A																	

T&P valve and brass drain valve factory installed.

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

Maximum Working Pressure: 150 psi (1034 kPa)

These models 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 CSA B149.1.

**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.

www.bockwaterheaters.com

110 South Dickinson Street Madison, Wisconsin 53703

Toll Free 800-794-2491 • Phone 608-257-2225 • Fax 608-257-5304

