



600,000 to 900,000 BTU/hr

NEW

High BTU Instantaneous Modulating Condensing Commercial Water Heaters

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

OptiTHERM® 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™ operation
- Built-in pallet jack openings and lifting lugs

Turboflue® High Performance Heat Exchanger:

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

Made in the USA



OPTiTHERM®
Instantaneous

BUILT LIKE A BOCK



OT600N/OT700N/OT800N/OT900N

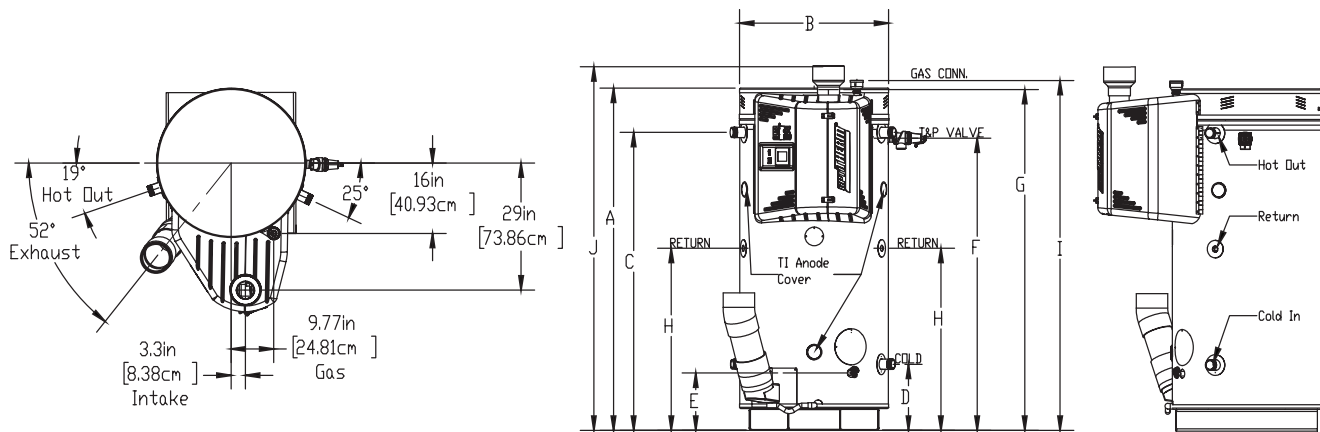
Minimum and Maximum Vent Lengths - 6" Pipe

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	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)
OT700N-A																	
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.

