

NEW

BOCK Makes Available a Complete Line of Electric Water Heaters to Service Your Electric Needs

- 50/80/120 ASME gallon capacities
- 6 to 54 kW
- 380, 415 and 600 V for Canada and International

BOCK Point of Use Electric Water Heaters

- 6/12/19/30/50 gallon capacities
- 1.5 to 6.0 kW
- Suspension platform accessory
- Leak sensor and shutoff valve accessory

Endurance™



To Learn More About BOCK Electric Products

- Visit bockwaterheaters.com to locate your nearest BOCK Sales Representative
- Contact your BOCK Regional Manager
- Or call 1-800-794-2491 and ask for Customer Service

BOCK™
WATER HEATERS

Exceptional Products

100% Employee Owned

Exceptional Customer and Technical Support

bockwaterheaters.com | 1-800-794-2491



MADE IN THE USA



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BOCK™
WATER HEATERS

Heavy Duty Digital Electric Water Heaters

Five-Year Limited Tank Warranty - The Industry's Finest

- Inputs from 13.5 to 54kW
- 50/80/119 gallon capacities
- Digital control system with LED diagnostics readout
 - Temperature settings and status
 - Immersion thermostat offers superior setpoint accuracy
- Meets or exceeds ASHRAE 90.1
- Thickest steel in the industry for longest durability
- Porcelain glass lining for greatest tank protection to harsh chemicals
- Dual cold inlets for ease of installation and replacement
- Incoloy elements for superior corrosion resistance
- UL/cUL listed to UL 1453
- UL listed to NSF 5
- Exceeds DOE standby loss requirement
 - 3" foam insulation
- UL/cUL Certified Conversion Kits available

Made in the USA



ELECTRITHERM™

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Heavy Duty Digital

Electric Water Heaters

Dimensions and Capacities

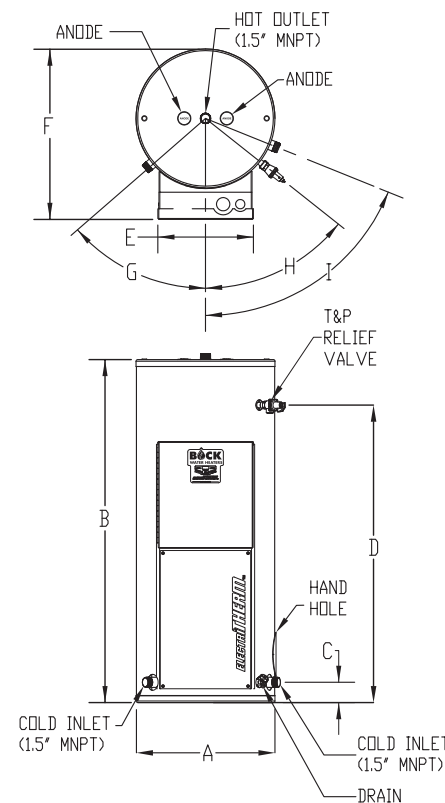
Model	Nominal Storage Capacity gallons (liters)	Actual Storage Capacity gallons (liters)	A inches (cm)	B inches (cm)	C inches (cm)	D inches (cm)	E inches (cm)	F inches (cm)	G degrees	H degrees	I degrees	Shipping Weight lbs (kg)
CE050-*#	50 (189)	46 (174)	24.00 (61)	49.70 (126)	3.54 (9)	41.91 (106)	17.84 (45)	29.89 (76)	58	57	92	273 (124)
CE080-*#	80 (303)	76 (288)	26.00 (66)	64.50 (164)	3.81 (10)	55.94 (142)	17.84 (45)	32.00 (81)	54	53	72	395 (179)
CE119-*#	119 (450)	108 (409)	30.00 (76)	64.82 (165)	3.79 (10)	55.91 (142)	17.84 (45)	36.80 (93)	50	41	57	521 (236)

* Denotes input (kW) with a number (1-9) – See ordering Heavy Duty Electric table.

Denotes voltage (V) with a letter (A-D) – See ordering Heavy Duty Electric table.

Recovery Rate

Input (kW)	Input (BTU/hr)	Number of Elements	Element Wattage (kW)	Recovery (GPH & LPH) at Temperature Rise (°F & °C)							
				°F	40	60	80	100	120	140	
				°C	22.2	33.3	44.4	55.6	66.7	77.8	
13.5	46,062	3	4.5	GPH	135	90	68	54	45	39	
				LPH	513	342	256	205	171	147	
15.0	51,180	3	5.0	GPH	151	100	75	60	50	43	
				LPH	570	380	285	228	190	163	
18.0	61,416	3	6.0	GPH	181	120	90	72	60	52	
				LPH	684	456	342	274	228	195	
24.0	81,888	6	4.0	GPH	241	161	120	96	80	69	
				LPH	912	608	456	365	304	260	
27.0	92,124	6	4.5	GPH	271	181	135	108	90	77	
				LPH	1026	684	513	410	342	293	
30.0	102,360	6	5.0	GPH	301	201	151	120	100	86	
				LPH	1140	760	570	456	380	326	
36.0	122,832	9	4.0	GPH	361	241	181	145	120	103	
				LPH	1368	912	684	547	456	391	
45.0	153,540	9	5.0	GPH	452	301	226	181	151	129	
				LPH	1709	1140	855	684	570	488	
54.0	184,248	9	6.0	GPH	542	361	271	217	181	155	
				LPH	2051	1368	1026	821	684	586	



Amperage/Overcurrent Protection

Input (kW)	208 V				240 V				277 V		480 V			
	1 φ		3 φ		1 φ		3 φ		1 φ		1 φ		3 φ	
	Full Load Current (Amps)	Overcurrent Protection* (Amps)	Full Load Current (Amps)	Overcurrent Protection* (Amps)	Full Load Current (Amps)	Overcurrent Protection* (Amps)	Full Load Current (Amps)	Overcurrent Protection* (Amps)	Full Load Current (Amps)	Overcurrent Protection* (Amps)	Full Load Current (Amps)	Overcurrent Protection* (Amps)	Full Load Current (Amps)	Overcurrent Protection* (Amps)
13.5	64.9	90	37.5	50	56.2	80	32.5	45	48.7	70	28.1	40	16.2	25
15.0	72.1	100	41.6	60	62.5	80	36.1	50	54.1	70	31.2	40	18	25
18.0	86.5	110	50	70	75	100	43.4	60	64	80	37.5	50	21.6	30
24.0	115.4	150	66.7	90	100	125	57.8	80	86.6	110	50	70	28.9	40
27.0	129.8	175	75	100	112.5	150	65	90	97.4	125	56.2	80	32.5	45
30.0	144.2	200	83.3	110	125	175	72.2	100	108.3	150	62.5	80	36.1	50
36.0	173	225	100	125	150	200	86.7	110	129.9	175	75	100	43.3	60
45.0	216.3	300	125	175	187.5	250	108.3	150	162.4	225	93.7	125	54.1	70
54.0	n/a	n/a	150	200	225	300	130	175	194.9	250	112.5	150	65	90

* Denotes recommended values, always follow local codes.

Ordering Heavy Duty Electric (SKU#):

Tank Size	kW									Voltage			
	13.5	15.0	18.0	24.0	27.0	30.0	36.0	45.0	54.0	208	240	277	480
050	1	2	3	4	5	6	7	8	9	A	B	C	D
080	1	2	3	4	5	6	7	8	9	A	B	C	D
119	1	2	3	4	5	6	7	8	9	A	B	C	D

To Order: Choose your tank Size (050/080/119), your kW (1-9), your Voltage (A-D).

Example: an 80 gallon, 18.0 kW, 240 volt unit would be ordered as **SKU# 0803B**.

Example: an 119 gallon, 27.0 kW, 480 volt unit would be ordered as **SKU# 1195D**.

Note: All heaters ship 3 phase, can be field converted to 1 phase.

Ordering Conversion Kits (SKU#): Same kit can be used for 50/80/119 gallon units.

Prefix	kW									Voltage			
	13.5	15.0	18.0	24.0	27.0	30.0	36.0	45.0	54.0	208	240	277	480
263	1	2	3	4	5	6	7	8	9	A	B	C	D

To Order: For field conversion kits, order the kW and voltage required.

Example: a 18.0 kW kit with 480 voltage, would be ordered as a **SKU# 2633D**.

Example: a 13.5 kW kit with 277V, requires separate transformer to be ordered.

Kits contain elements (3, 6, 9), conversion labeling, conversion manual and fuses.

Note: Total number of elements cannot change, i.e. 3 element heater cannot be converted to 6 or 9 elements.

Ordering Transformer: If converting to/from 277V, transformer must be purchased separately.

277V	208/240/480V
SKU# 20502	SKU# 20500

Dielectric Fittings: Factory Installed

T&P Valve: Factory Installed

Brass Drain Valve: Factory Installed

Relief Valve Opening: 1.0"

Hand-hole Cleanout Opening: Standard

Pressures (all): Working Pressure, 150 psi; Testing Pressure, 300 psi

Clearance: UL/cUL listed for zero clearance to combustible materials.

Recommended service clearances – 36" top, 4" sides (non-piping), 8" side (T&P relief valve), 24" front, 0" rear.

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.



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