BOCK™
WATER HEATERS

Now with Conversion Kits

U.L. certified conversion kits available to convert any model to a variety of voltages, kW inputs and phases. *Please contact Bock Customer Service when ordering, 1-800-794-2491.*

ASME Commercial Electric Water Heaters

■ **Three-Year Limited Tank Warranty**

- ASME inputs from 6 to 54 kW
- Non-ASME 6/9/12 kW
- 50/80/119 gallon capacities
- Meets or exceeds ASHRAE 90.1 performance standards (current edition)
- Conversion kits design certified by ETL for field conversion
  - *Kits convert any one model to a variety of voltages, kW inputs and phase*
- 3" Non-CFC foam insulation
- Immersion thermostats offer accurate temperature control to 180°F
- Screw in style elements
- Immersion thermostat models have low watt density incoloy sheathed elements standard
  - *Resists burnout caused by dry fire or lime buildup*
- Porcelain glass lined with dual magnesium anode rods to prohibit corrosion for longer life
- Hand hole cleanout allows inspection of tank interior and facilitates the removal of sediment deposits
- Made in the USA



COMMERCIAL
·ELECTRIC·

BUILT LIKE A BOCK

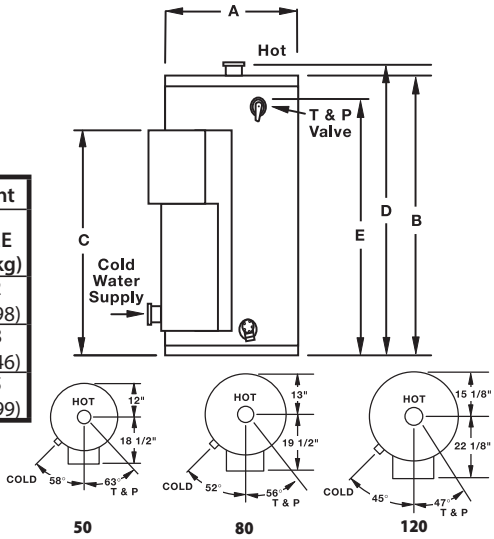
BOCK COMMERCIAL ·ELECTRIC·

Dimensions and Capacities

Model	Storage GAL (L)	kW Input	Inlet Pipe Dia. NPT	Dimensions in Inches (cm)					Shipping Weight	
				A	B	C	D	E	Standard LBS (kg)	ASME LBS (kg)
50F-*	50 (189.27)	**	1.50	24.00 (60.96)	50.188 (127.48)	46.50 (118.11)	52.63 (133.67)	40.44 (102.71)	270 (122.47)	302 (136.98)
80F-*	80 (302.83)	**	1.50	26.00 (66.04)	60.00 (152.40)	46.50 (118.11)	65.50 (166.37)	51.50 (130.81)	335 (151.95)	378 (171.46)
120F-*	119 (450.46)	**	1.50	30.25 (76.84)	64.50 (163.83)	50.25 (127.64)	66.75 (169.55)	54.56 (138.59)	430 (195.04)	485 (219.99)

*For ASME construction add an "A" to the model number. Example 50CF-A

**Add a "6", "9", "12", "13.5", "15", "18", "24", "27", "30", "36", "45", or "54" to the model number to indicate kW input desired.



Operating Characteristics

kW Input	Recovery @ GPH				Full Load Current Amperes (Fused Models)***									
	90°F Rise	100°F Rise	120°F Rise	140°F Rise	208 Volts Phase		240 Volts Phase		277 Volts Phase	380 Volts Phase	415 Volts Phase	480 Volts Phase		600 Volts Phase
					1	3	1	3	1	3	3	1	3	3
6	28	25	21	18	28.8	16.6	25.0	14.4	21.6	10.0	9.0	12.5	7.2	5.8
9	42	37	31	27	43.2	25.0	37.2	21.6	32.4	14.0	13.0	18.7	10.8	8.7
12	55	50	41	35	57.6	33.3	50.0	28.9	43.3	19.0	17.0	25.0	14.4	11.5
13.5	62	56	47	40	64.9	37.5	56.2	32.5	48.7	21.0	19.0	28.1	16.2	13.0
15	69	62	52	44	72.1	41.6	62.5	36.1	54.1	23.0	21.0	31.2	18.0	14.4
18	83	74	62	53	86.5	50.0	72.0	43.4	64.0	28.0	25.0	37.5	21.6	17.3
24	110	99	83	71	115.4	66.7	100.0	57.8	86.6	37.0	34.0	50.0	28.9	23.1
27	124	112	93	80	129.8	75.0	112.5	65.0	97.4	41.0	38.0	56.2	32.5	26.0
30	138	124	103	89	144.2	83.3	125.0	72.2	108.3	46.0	42.0	62.5	36.1	28.9
36	165	149	124	106	173.0	100.0	150.0	86.7	129.9	55.0	50.0	75.0	43.3	34.6
45	207	186	155	133	216.3	125.0	187.5	108.3	162.4	69.0	63.0	93.7	54.1	43.3
54	248	223	186	160	259.6	150.0	225.0	130.0	194.9	83.0	75.0	112.5	65.0	52.0

6/9/12 kW available in ASME and Non-ASME
13.5 – 54 kW ONLY available in ASME

kW Input	Number of Elements									
	208 Volts Phase		240 Volts Phase		277 Volts Phase	380 Volts Phase	415 Volts Phase	480 Volts Phase		600 Volts Phase
	1	3	1	3	1	3	3	1	3	3
6	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	3	3	3	3	3
12	3	3	3	3	3	3	3	3	3	3
13.5	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3
24	6	6	6	6	6	6	6	6	6	6
27	6	6	6	6	6	6	6	6	6	6
30	6	6	6	6	6	6	6	6	6	6
36	6	6	6	6	6	6	6	6	6	6
45	9	9	9	9	9	9	9	9	9	9
54	9	9	9	9	9	9	9	9	9	9

6/9/12 kW available in ASME and Non-ASME
13.5 – 54 kW ONLY available in ASME

Dielectric Fittings: Factory Installed
T&P Valve: Factory Installed
Brass Drain Valve: Factory Installed
Relief Valve Opening: 3/4"
Hand-hole Cleanout Opening: Standard
Pressures (all): Working Pressure, 150 psi; Testing Pressure, 300 psi
Clearance: Minimum clearance to combustible material is 0" for the top, sides, front and rear. Recommended clearance for service is at least 18" from the top and 24" from the front.

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

LLC - Low Lead Content

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