

# CROWN BOILER

## Residential Product Quick Reference Chart



FUEL	NATURAL / PROPANE	NATURAL / PROPANE	NATURAL / PROPANE	NATURAL / PROPANE	NATURAL / PROPANE	NATURAL / PROPANE	NATURAL / PROPANE	OIL	OIL	OIL	OIL
EFFICIENCY	93.1% - 95.4% ★★★★★	80% - 82.6%	81% - 83.5%	82% - 83.3%	85.1% - 85.3% ★★★★★	85% ★★★★★	80% - 82.5%	84.0% - 86.1% ★★★★★	83.1% - 85.4% ★★★★★	84% - 87.6% ★★★★★	83.1% - 85% ★★★★★
INPUT	70 - 225 MBH	37 - 295 MBH	69 - 379 MBH	44 - 164 MBH	60 - 245 MBH	116 MBH	69 - 379 MBH	70 - 207 MBH	56 - 176 MBH	80 - 249 MBH	91 - 151 MBH
IGNITION	DIRECT SPARK	STAND. PILOT / ELECT. IGN.	STAND. PILOT / ELECT. IGN.	ELECTRONIC IGN.	DIRECT SPARK	DIRECT SPARK	STAND. PILOT / ELECT. IGN.	RETENTION BURNER	RETENTION BURNER	RETENTION BURNER	RETENTION BURNER
VENTING	DIRECT VENT	ATMOSPHERIC	ATMOSPHERIC	POWER VENT	DIRECT VENT	DIRECT VENT	ATMOSPHERIC	ATMOSPHERIC	ATMOSPHERIC	ATMOSPHERIC	DIRECT VENT
WATER OR STEAM	WATER	WATER	WATER	WATER	WATER	WATER	STEAM	WATER	STEAM	WATER	WATER
STEAM (SQ. FT)	N/A	N/A	N/A	N/A	N/A	N/A	179 - 979	N/A	246 - 733	N/A	N/A
COIL	NO	NO	OPTIONAL	NO	NO	PLATE HEAT EXCHANGER	NO	OPTIONAL	OPTIONAL	NO	NO
HEAT EXCHANGER	CAST ALUMINUM	CAST IRON	CAST IRON	CAST IRON	WET LEG CAST IRON	COPPER	CAST IRON	CAST IRON	CAST IRON	3 PASS CAST IRON	3 PASS CAST IRON
CONDENSING	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

Note: This quick reference chart does not include all boilers and products manufactured by Crown Boiler Co. A complete listing of products can be found at [www.CrownBoiler.com](http://www.CrownBoiler.com).



**Mega-Stor  
Stainless Steel  
Indirect Water Heater**  
Can be used with  
any of the above products



★★★★★  
ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices. See back for details on which models qualify.

[www.CrownBoiler.com](http://www.CrownBoiler.com)



# Additional Product Information

For complete data, refer to current product literature and manuals

**Bimini - Gas, Cast Aluminum, Condensing, Water Distribution**

Model Number	Input (MBH)	AFUE %	Net I=B=R (MBH)	
			MBH	Sq. Ft.
BWC070	70	95.4	55	
BWC090	90	94.5	70	
BWC120	120	95.2	93	
BWC150	150	93.1	117	
BWC151	150	95.2	117	
BWC225	225	94.2	176	

**Cabo 2 - Gas, Wet-Leg Cast Iron, Water Distribution**

Model Number	Input (MBH)	AFUE %	Net I=B=R (MBH)	
			MBH	Sq. Ft.
CWD060	60	85.1	44	
CWD083	82.5	85.1	62	
CWD110	110	85.2	82	
CWD138	137.5	85.2	103	
CWD165	165	85.2	123	
CWD193	192.5	85.2	143	
CWD220	220	85.2	164	
CWD245	245	85.3	183	

**Kingston - Oil, Cast Iron, Steam Distribution**

Model Number	Burner Capacity (GPH)	AFUE %	Net I=B=R	
			MBH	Sq. Ft.
KSZ065	0.65	85.1	59	246
KSZ075	0.75	84.5	68	283
KSZ090	0.90	85.0	83	346
KSZ100	1.00	83.5	89	370
KSZ120	1.20	85.4	110	458
KSZ125	1.25	84.2	112	467
KSZ150	1.50	83.1	133	554
KSZ175	1.75	83.1	155	646
KSZ200	2.00	82.9	176	733

**Aruba 3 - Gas, Cast Iron, Water Distribution**

Model Number	Input (MBH)	AFUE %		Net I=B=R (MBH)
		Standing Pilot	Electronic Ignition	
AWI037	37	80.0	82.3	26
AWI061	61	80.0	82.6	43
AWI095	95	80.1	82.3	66
AWI128	128	80.2	82.0	91
AWI162	162	80.3	81.7	115
AWI195	195	80.4	81.4	138
AWI229	229	80.4	81.2	162
AWI262	262	80.5	80.9	184
AWI295	295	80.7	80.6	207

**Maui - Gas, Copper, Water Distribution**

Model Number	Application	Input (MBH)	AFUE %	Net I=B=R (MBH)
MWC116	Combi	116	85.0	89
MWC116	Heat/Hot Water	116	85.0	89

**Freeport - Oil, 3-Pass Cast Iron, Water Distribution**

Model Number	Burner Capacity (GPH)	AFUE % By Burner			Net I=B=R (MBH)
		Carlin	Beckett	Riello	
ODV-75	0.75	85.0	---	---	79
ODV-100	1.00	83.1	---	---	103
ODV-125	1.25	83.5	---	---	130
CT-3	0.75	---	86.1	87.6	80
CT-35	1.00	---	84.7	84.7	104
CT-4	1.00	---	86.1	86.1	105
CT-45	1.35	---	84.0	84.0	139
CT-5	1.35	---	86.1	86.1	141
CT-6	1.65	---	86.1	86.1	176
CT-7	2.00	---	86.1	---	211
CT-8	2.00	---	85.3*	---	249

\*IBR Combustion Efficiency

**Cayman - Gas, Cast Iron, Water Distribution**

Model Number	Input (MBH)	AFUE %		Net I=B=R (MBH)
		Standing Pilot	Electronic Ignition	
CWI069	69	81.0	83.1	50
CWI103	103	81.3	83.1	75
CWI138	138	81.6	83.1	100
CWI172	172	81.8	83.2	125
CWI207	207	82.1	83.2	150
CWI241	241	81.1	83.2	175
CWI276	276	81.4	83.2	200

**Bermuda - Gas, Cast Iron, Steam Distribution**

Model Number	Input (MBH)	AFUE %		Net I=B=R (MBH)
		Standing Pilot	Electronic Ignition	
BSI069	69	80.0	81.9	43
BSI103	103	80.0	82.0	64
BSI138	138	80.0	82.0	85
BSI172	172	80.3	82.1	107
BSI207	207	80.3	82.1	128
BSI241	241	80.6	82.2	149
BSI276	276	80.9	82.2	170

**Mega-Stor - High Performance Indirect Water Heater**

Model Number	Volume (Gal.)	First Hour Rating (Gal/Hr)	Continuous Draw Rating (Gal/Hr)	Standby Heat Loss (°F/Hr)
MS-26	26	143.9	121.3	1.7
MS-40	39	195.4	157.2	1.4
MS-53	51	225.6	179.1	0.9
MS-79	80	286.8	217.5	0.9
MS-119	112	472.1	383.8	1.0
MSH-40H*	38	151.4	115.8	1.4
MSH-53H*	51	202.9	158.3	1.3

\*Horizontal Tank

**Bali - Gas, Cast Iron, Water Distribution**

Model Number	Input (MBH)	AFUE %	Net I=B=R (MBH)
BWF061	61	83.3	44
BWF095	95	83.1	68
BWF128	128	82.8	92
BWF162	162	82.5	117
BWF195	195	82.3	140
BWF229	229	82.0	164

**Tobago - Oil, Cast Iron, Water Distribution**

Model Number	Burner Capacity (GPH)	AFUE %	Net I=B=R (MBH)
TWZ065	0.65	86.1	70
TWZ075	0.75	85.8	79
TWZ090	0.90	86.0	97
TWZ100	1.00	84.3	104
TWZ120	1.20	86.0	128
TWZ125	1.25	85.1	132
TWZ150	1.50	84.0	156
TWZ175	1.75	85.1	184
TWZ200	2.00	84.7	210



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