



CREST BOILER PRODUCT SUMMARY

(FB) 2,500,000 - 6,000,000 BTU/HR

	FB-2500	FB-3000	FB-3500	FB-4000	FB-5000	FB-6000
WATER						
GALLON CAPACITY	161	181	215	291	380	380
HEATING SURFACE (SQ. FT.)	195.0	237.0	272.0	382.0	483.0	483.0
INLET WATER CONNECTION	4" Flanged	4" Flanged	4" Flanged	4" Flanged	4" Flanged	6" Flanged
OUTLET WATER CONNECTION	4" Flanged	4" Flanged	4" Flanged	4" Flanged	4" Flanged	6" Flanged
DRAIN	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
MAXIMUM FLOW RATE	350	350	350	350	350	550
MINIMUM FLOW RATE	25	25	45	45	50	50
20°F ΔT WATER FLOW (GPM)	230.0	277.0	323.0	253.0†	317.0†	550.0
HEAD LOSS (FT. OF HD.)	4.6	5.6	7.5	3.2†	6.5†	5.4
40°F ΔT WATER FLOW (GPM)	115.0	138.0	161.0	190.0	237.0	276.0
HEAD LOSS (FT. OF HD.)	1.3	1.2	1.2	1.6	3.1	4.8
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160	160
# OF RELIEF VALVES	1	1	1	1	1	1
RELIEF VALVE SIZE	1-1/2"	1-1/2"	2"	2"	2"	2-1/2"
RELIEF VALVE RATING (MBH)	3,075,000	3,075,000	4,237,000	4,100,000	5,100,000	7,672,000
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50	50	50	50
GAS						
BTU/HR INPUT	2,500,000	3,000,000	3,500,000	4,000,000	5,000,000	6,000,000
BTU/HR OUTPUT (HIGH FIRE)	2,300,000	2,760,000	3,220,000	3,720,000	4,650,000	5,520,000
BTU/HR OUTPUT (LOW FIRE)	115,000	138,000	179,000	310,000	465,000	552,000
HORSE POWER (INPUT)	75	90	105	119	149	179
INLET CONNECTION	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"
MAX. INLET PRESSURE, NAT	14" w.c.	14" w.c.	14" w.c.	14" w.c.	14" w.c.	14" w.c.
MIN. INLET PRESSURE, NAT	4" w.c.	4" w.c.	4" w.c.	4" w.c.	4" w.c.	4" w.c.
MAX. INLET PRESSURE, LP	14" w.c.	14" w.c.	14" w.c.	14" w.c.	14" w.c.	14" w.c.
MIN. INLET PRESSURE, LP	4" w.c.	4" w.c.	4" w.c.	4" w.c.	4" w.c.	4" w.c.
ELECTRICAL *						
VOLTAGE/HEATER (VAC)	120/1PH	120/1PH	120/1PH	208/3PH	208/3PH	208/3PH
VOLTAGE/CONTROL (VAC)	24	24	24	24	24	24
TOTAL AMPS	10.2	13.6	19.7	14	14	14
# OF ELECTRICAL CONNECTIONS	1	1	1	3	3	3
DIMENSIONS						
HEIGHT	80"	80"	80"	80"	80"	80"
WIDTH	34-1/4"	40-1/2"	40-1/2"	53-3/4"	53-3/4"	53-3/4"
DEPTH	76-3/8"	83-5/8"	83-1/4"	109"	109"	109"
SHIPPING WEIGHT (lbs.)	2,560	2,920	3,225	4,750	5,500	5,500
OPERATING WEIGHT (lbs.)	3,652	4,126	4,744	6,900	8,000	8,000
SERVICE CLEARANCES (RECOMMENDED)						
FRONT	30"	30"	30"	30"	30"	30"
REAR	24"	24"	24"	24"	24"	24"
RIGHT SIDE	24"	24"	24"	24"	24"	24"
LEFT SIDE	24"	24"	24"	24"	24"	24"
TOP	24"	24"	24"	24"	24"	24"
DIRECT VENTING						
VENT SIZE	9"	10"	10"	12"	14"	14"
AIR INLET SIZE	8"	10"	10"	12"	14"	14"
VENT CATEGORY	IV	IV	IV	IV	IV	IV
VENT MATERIAL	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel

* Electrical - For alternate voltages and amp draws, please consult the factory or the installation and operation manual.

† Data based on 30°F delta T

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