



CREST BOILER PRODUCT SUMMARY
(FB) 2,500,000 - 6,000,000 BTU/HR

	FB-2501	FB-3001	FB-3501	FB-4001	FB-5001	FB-6001
WATER						
GALLON CAPACITY	157	156	202	201	254	304
HEATING SURFACE (SQ. FT.)	241	265	334	352	452	563
INLET WATER CONNECTION	4" Flanged	4" Flanged	4" Flanged	4" Flanged	6" Flanged	6" Flanged
OUTLET WATER CONNECTION	4" Flanged	4" Flanged	4" Flanged	4" Flanged	6" 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 (GPM)	350	350	350	350	600	600
ABSOLUTE MINIMUM FLOW RATE (GPM)	25	25	45	45	50	60
20°F ΔT WATER FLOW (GPM)	240	288	336	350†	480	576
HEAD LOSS (FT. OF HD.)	8.4	8.0	9.9	10.9	13.9	17.2
40°F ΔT WATER FLOW (GPM)	120	144	168	192	240	288
HEAD LOSS (FT. OF HD.)	5.3	4.0	5.0	5.9	7.6	9.4
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	3,075	4,237	4,237	5,575	7,672
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50	50	50	50
GAS						
BTU/HR INPUT	2,500,000	3,000,000	3,500,000	3,999,000	4,999,000	6,000,000
BTU/HR OUTPUT (HIGH FIRE)	2,400,000	2,883,000	3,364,000	3,843,000	4,804,000	5,766,000
BTU/HR OUTPUT (LOW FIRE)	120,000	144,150	168,200	320,250	480,400	576,600
HORSE POWER (INPUT)	75	90	105	119	149	179
INLET CONNECTION	2	2	2	2 1/2	2 1/2	3
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	8" w.c.	8" w.c.	8" w.c.	8" w.c.	8" w.c.	8" w.c.
ELECTRICAL *						
VOLTAGE/HEATER (VAC)	208V/3PH/60Hz	208V/3PH/60Hz	208V/3PH/60Hz	480V/3PH/60Hz	480V/3PH/60Hz	480V/3PH/60Hz
VOLTAGE/CONTROL (VAC)	24	24	24	24	24	24
TOTAL AMPS (FLA)	4.5	6.5	6.5	6.0	5.0	7.0
MINIMUM CIRCUIT AMPS (MCA)	5.6	8.1	8.1	7.5	6.3	8.8
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1	1
DIMENSIONS						
HEIGHT	77 3/4	77 3/4	77 3/4	77 3/4	77 3/4	77 3/4
WIDTH	35	35	42	45.5	46.5	50
DEPTH	83.75	83.75	91.5	103.5	102.25	102.75
SHIPPING WEIGHT (lbs.)	2,577	2,881	3,218	3,805	4,101	4,711
OPERATING WEIGHT (lbs.)	3,600	3,900	4,600	5,200	5,900	6,900
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	II or IV	II or IV	II or IV	II or IV	II or IV	II or IV
VENT MATERIAL	SS, CPVC, PVC, Polypro	SS, CPVC, PVC, Polypro	SS, CPVC, PVC, Polypro	SS, CPVC, PVC, Polypro	Stainless Steel	Stainless Steel

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

† Data based on 22°F delta T

Unless otherwise specified dimensions are in inches.

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