



Model	Free Flex	BFIT	BFIT-L
MBH Input	1000-6000	999-3999	399-999
Thermal Efficiency	95%	97% (98%) ¹	97% (98%) ¹
Turndown	1000-3000 / 5:1 3500-6000 / 20:1	5:1	10:1
Heat Exchanger	Flexible Water Tube (field serviceable)	Water Tube	Water Tube
Fuel Options	<ul style="list-style-type: none"> • Natural Gas 	<ul style="list-style-type: none"> • Natural Gas • Propane • Natural Gas/Propane 	<ul style="list-style-type: none"> • Natural Gas • Propane
Low NOx	YES	YES	YES
Knockdown Option	YES	YES (field)	N/A
Venting	CAT II or IV, individual or common (engineered) vent system	CAT II or IV, individual or common (engineered) vent system	CAT II or IV, individual or common (engineered) vent system
Warranty	<ul style="list-style-type: none"> • 10 year heat exchanger • Lifetime Thermal Shock 	<ul style="list-style-type: none"> • 10 year heat exchanger • 1 year parts & burner 	<ul style="list-style-type: none"> • 10 year heat exchanger • 1 year parts & burner
Water Heater Model²	NO	YES	YES

1. Water heater model in parenthesis

2. Separate tank required

Ratings & Specifications

"BFITW" models are water heaters - separate tank required

BFIT-L SERIES* - Dimensions in Inches

BOILER MODEL	INPUT (MBH)		GROSS OUPUT (MBH)	THERMAL EFFICIENCY %	SUPPLY (GROOVED)	RETURN (GROOVED)	AIR INTAKE/ VENT DIAMETER	GAS CONNECTION NPT	APPROX. SHIP WEIGHT (LBS)
	MIN	MAX							
BFIT-400	40	399	387	97.0	2	2	4	3/4	460
BFITW-400	40	399	391	98.0	2	2	4	3/4	460
BFIT-500	50	500	485	97.0	2	2	4	3/4	470
BFITW-500	50	500	490	98.0	2	2	4	3/4	470
BFIT-650	65	650	631	97.0	2	2	6	1	530
BFITW-650	65	650	637	98.0	2	2	6	1	530
BFIT-800	80	800	776	97.0	2	2	6	1	560
BFITW-800	80	800	784	98.0	2	2	6	1	560
BFIT-1000	99	999	970	97.0	2	2	6	1	600
BFITW-1000	99	999	980	98.0	2	2	6	1	600

BFIT SERIES* - Dimensions in Inches

BOILER MODEL	INPUT (MBH)		GROSS OUPUT (MBH)	THERMAL EFFICIENCY %	SUPPLY (GROOVED)	RETURN (GROOVED)	AIR INTAKE/ VENT DIAMETER	GAS CONNECTION NPT	APPROX. SHIP WEIGHT (LBS)
	MIN	MAX							
BFIT-1000	200	999	970	97.0	3	2.5	8	1	922
BFITW-1000	200	999	979	98.0	3	2.5	8	1	922
BFIT-1250	250	1250	1213	97.0	3	2.5	8	1	922
BFITW-1250	250	1250	1225	98.0	3	2.5	8	1	922
BFIT-1500	300	1500	1455	97.0	3	2.5	8	1.25*	1217
BFITW-1500	300	1500	1470	98.0	3	2.5	8	1.25*	1217
BFIT-2000	399	1999	1940	97.0	3	2.5	8	1.25	1217
BFITW-2000	399	1999	1959	98.0	3	2.5	8	1.25	1217
BFIT-2500	500	2500	2425	97.0	4	4	10	1.5	2281
BFITW-2500	500	2500	2450	98.0	4	4	10	1.5	2281
BFIT-3000	600	3000	2910	97.0	4	4	10	1.5	2281
BFITW-3000	600	3000	2940	98.0	4	4	10	1.5	2281
BFIT-3500	700	3500	3395	97.0	4	4	12	2	2281
BFITW-3500	700	3500	3430	98.0	4	4	12	2	2281
BFIT-4000	799	3999	3999	97.0	4	4	12	2	2281
BFITW-4000	799	3999	3999	98.0	4	4	12	2	2281

*BFIT-1500 LP connection 1" NPT

FREE FLEX SERIES - Dimensions in Inches

BOILER MODEL	INPUT (MBH)		GROSS OUPUT (MBH)	THERMAL EFFICIENCY %	SUPPLY/ RETURN CONNECTION	AIR INTAKE/ VENT DIAMETER	CONDENSATE & BOILER DRAIN CONNECTION	GAS CONNECTION NPT	APPROX. SHIP WEIGHT (LBS)
	MIN	MAX							
FF-1000	200	999	950	95.0	3 grooved	6	1	1	1620
FF-1500	300	1500	1425	95.0	3 flange	8	1	2	2560
FF-2000	400	1999	1900	95.0	3 flange	8	1	2	2560
FF-2500	500	2500	2375	95.0	3 flange	10	1	2	3060
FF-3000	600	3000	2850	95.0	3 flange	10	1	2	3060
FF-3500	175	3500	3325	95.0	6 flange	12	1	2	4500
FF-4000	200	4000	3800	95.0	6 flange	12	1	2	4500
FF-4500	225	4500	4275	95.0	6 flange	14	1	2	5400
FF-5000	250	4999	4750	95.0	6 flange	14	1	2	5400
FF-5500	275	5500	5225	95.0	6 flange	14	1	2	5400
FF-6000	300	6000	5700	95.0	6 flange	14	1	2	5400



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