



FTXL Boiler Product Summary
399,000- 999,000 BTU/HR

	FTX400	FTX500	FTX600	FTX725	FTX850	FTX1000
WATER						
GALLON CAPACITY	13	12	12	17	16	19
HEATING SURFACE (SQ. FT.)	55.31	73.02	73.02	84.60	99.88	119.47
INLET WATER CONNECTION	2" NPT Thread	2" NPT Thread	2" NPT Thread	2.5" NPT Thread	2.5" NPT Thread	2.5" NPT Thread
OUTLET WATER CONNECTION	2" NPT Thread	2" NPT Thread	2" NPT Thread	2.5" NPT Thread	2.5" NPT Thread	2.5" NPT Thread
DRAIN	1" NPT	1" NPT	1" NPT	1"NPT	1" NPT	1"NPT
MAXIMUM FLOW RATE	105	105	105	150	150	150
MINIMUM FLOW RATE	10	15	15	20	25	30
20°F ΔT WATER FLOW (GPM)	39	49	59	71	83	98
HEAD LOSS (FT. OF HD.)	3.5	4.8	4.4	4.9	5.7	4.5
40°F ΔT WATER FLOW (GPM)	20	24	29	35	41	49
HEAD LOSS (FT. OF HD.)	2.5	2.9	2.8	3.0	3.3	3.8
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160	160
# OF RELIEF VALVES	1	1	1	1	1	1
RELIEF VALVE SIZE	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
RELIEF VALVE RATING (MBH)	697	697	697	1,352	1,352	1,352
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50	50	50	50
GAS						
BTU/HR INPUT	399,000	500,000	600,000	725,000	850,000	999,000
BTU/HR OUTPUT (HIGH FIRE)	391,000	489,000	585,000	705,000	825,000	982,000
BTU/HR OUTPUT (LOW FIRE)	39,100	48,900	83,571	100,714	117,857	98,200
BOILER HORSE POWER (INPUT)	11.9	14.9	17.9	21.7	25.4	29.8
INLET CONNECTION	1"	1"	1"	1"	1"	1-1/4"
MAX. INLET PRESSURE, NAT (w.c.)	14"	14"	14"	14"	14"	14"
MIN. INLET PRESSURE, NAT (w.c.)	4"	5"	4"	4"	4"	4"
MAX. INLET PRESSURE, LP (w.c.)	14"	14"	14"	14"	14"	14"
MIN. INLET PRESSURE, LP (w.c.)	8"	8"	8"	8"	8"	8"
ELECTRICAL *						
VOLTAGE/HEATER (VAC)	120	120	120	120	120	120
VOLTAGE/CONTROL (VAC)	24	24	24	24	24	24
FLA	4	6	7	6	8	7
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1	1
DIMENSIONS						
HEIGHT	53- 1/4"	53- 1/4"	53- 1/4"	53- 1/4"	53- 1/4"	61-1/4"
WIDTH	26-1/4"	26-1/4"	26-1/4"	26-1/4"	26-1/4"	26-1/4"
DEPTH	23-1/2"	23-1/2"	23-1/2"	23-1/2"	23-1/2"	26-1/4"
SHIPPING WEIGHT (lbs.)	478	504	504	575	604	670
OPERATING WEIGHT (lbs.)	542	560	560	672	693	750
SERVICE CLEARANCES (RECOMMENDED)						
FRONT	30"	30"	30"	30"	30"	30"
REAR	24"	24"	24"	24"	24"	24"
RIGHT SIDE	0"	0"	0"	0"	0"	0"
LEFT SIDE	0"	0"	0"	0"	0"	0"
TOP	24"	24"	24"	24"	24"	24"
DIRECT VENTING						
VENT SIZE	4"	4"	4"	6"	6"	6"
AIR INLET SIZE	4"	4"	4"	4"	4"	6"
VENT CATEGORY	IV	IV	IV	IV	IV	IV
VENT MATERIAL	PVC/CPVC/PP/AL29-4C	PVC/CPVC/PP/AL29-4C	PVC/CPVC/PP/AL29-4C	PVC/CPVC/PP/AL29-4C	PVC/CPVC/PP/AL29-4C	PVC/CPVC/PP/AL29-4C