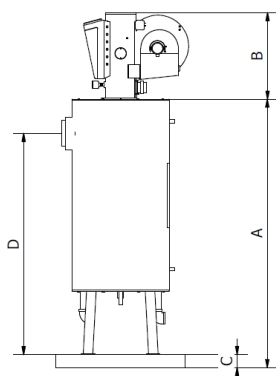


		BKBD-0.5	BKBD-0.75	BKBD-1	BKBD-2
Boiler Output	MMBTU/hr	0.50	0.75	1.00	2.00
	kW	147	220	293	586
Efficiency Net @ 80/69°C	%	108	108	108	108
Input (Max)	MMBTU/hr	0.5	0.8	1.03	2.1
	kW	151.1	226.6	302.1	604.3
Input (Min)	MMBTU/hr	0.1	0.2	0.2	0.4
	kW	30.2	45.3	60.4	120.9
Flue Temperature @ 69°C Return Temp	°F	180.0	180.0	180.0	180.0
	°C	82.2	82.2	82.2	82.2
Water Flow Temperature	°F	176.0	176.0	176.0	176.0
	°C	80.0	80.0	80.0	80.0
Range of Temperature Control	°F	68-194	68-194	68-194	68-194
	°C	20-90	20-90	20-90	20-90
Furnace Diameter	inch	17.71	18.7	19.68	23.03
	mm	450	475	500	585
Furnace Length	inch	28.57	38.09	48.85	67.46
	mm	725.8	967.7	1241.0	1713.5
Furnace Volume	Ft ³	5.056	7.511	10.68	18.84
	M ³	0.143	0.212	0.302	0.533
Furnace Gas Side Resistance	"Wg	1	1.25	1.5	1.75
	mbar	2.5	3.125	3.75	4.375
Volume Air into Boiler	Cuft/hr	5750.0	8625.0	11500.0	23000.0
	m ³ /hr	162.8	244.2	325.6	651.3
Volume Gas into Boiler	Cuft/hr	515.5	733.2	1030.9	2061.9
	m ³ /hr	14.6	21.9	29.2	58.4
Water Flow	US Gal/hr	3240.0	4860.0	6480.0	12960.0
	m ³ /hr	12.3	18.4	24.5	49.1
Boiler Water Pressure Loss	PSI	0.3	0.3	0.3	0.3
	mBar	20.2	20.2	20.2	20.2
Standing Losses	%	0.1	0.1	0.1	0.1
Maximum Hourly Condensation	US Gal/hr	5.9	8.85	11.80	23.6
	L/hr	22.43	33.64	44.86	86.72
Boiler Maximum Height	inch	44.8	44.8	44.8	51.6
	mm	1138.9	1138.9	1138.9	1309.8
Boiler Maximum Width	inch	30.0	30.0	30.0	34.5
	mm	762.0	762.0	762.0	876.3
Boiler Maximum Length	inch	49.6	70.2	82.6	128.9
	mm	1258.8	1783.3	2089.0	3272.9
Flue Sizes	inch	6	6	8	10
	mm	150	150	200	250
Water Flange Connection Sizes	ASA 150	2"	2"	2.5"	3"
	PN16	DN50	DN50	DN65	DN80



- A** Boiler Height incl. House Cleaning Pad
- B** Burner Height
- C** House Cleaning Pad
- D** Top of House Cleaning Pad to Flue Centre Line

DIMENSIONS (mm [in])

MODEL

BKBD-0.5
BKBD-0.75
BKBD-1

A	B	C	D
Max	Max	Rec	Max
1598 [62.9]	440 [17.3]	100 [4]	1365.5 [53.8]
1845 [72.6]	440 [17.3]		1607.5 [42]
2080 [81.9]	671 [26.4]		1715 [67.5]