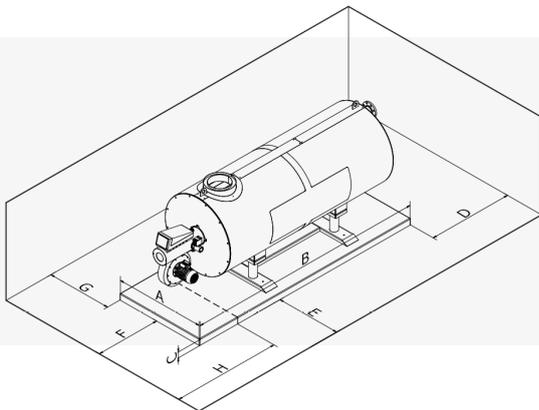


# BKBD-4

<b>Boiler Output</b>	MMBTU/hr	4.00
	kW	1172
<b>Efficiency Net @ 80/69°C</b>	%	108
<b>Input (Max)</b>	MMBTU/hr	4.1
	kW	1208.6
<b>Input (Min)w</b>	MMBTU/hr	0.8
	kW	241.7
<b>Flue Temperature @ 69°C Return Temp</b>	°F	180.0
	°C	82.2
<b>Water Flow Temperature</b>	°F	176.0
	°C	80.0
<b>Range of Temperature Control</b>	°F	68-194
	°C	20-90
<b>Furnace Diameter</b>	inch	26.37
	mm	670
<b>Furnace Length</b>	inch	101.95
	mm	2589.6
<b>Furnace Volume</b>	Ft <sup>3</sup>	37.357
	M <sup>3</sup>	1.057
<b>Furnace Gas Side Resistance</b>	"Wg	2.0
	mbar	5.0
<b>Volume Air into Boiler</b>	Cuft/hr	46000.0
	m <sup>3</sup> /hr	1302.6
<b>Volume Gas into Boiler</b>	Cuft/hr	4123.7
	m <sup>3</sup> /hr	116.8
<b>Water Flow</b>	US Gal/hr	25920.0
	m <sup>3</sup> /hr	98.1
<b>Boiler Water Pressure Loss</b>	PSI	0.3
	mBar	20.2
<b>Standing Losses</b>	%	0.1
<b>Maximum Hourly Condensation</b>	US Gal/hr	47.2
	L/hr	174.44
<b>Boiler Maximum Height</b>	inch	58.3
	mm	1480.6
<b>Boiler Maximum Width</b>	inch	39.0
	mm	990.6
<b>Boiler Maximum Length</b>	inch	182.5
	mm	4636.7
<b>Flue Sizes</b>	inch	12
	mm	300
<b>Water Flange Connection Sizes</b>	ASA 150	4"
	PN16	DN100



## DIMENSIONS (mm [in])

- A** Housekeeping Pad Width
- B** Housekeeping Pad Length
- C** Housekeeping Pad Height
- D** Rear Clearance
- E** Right Clearance
- F** Front Clearance
- G** Left Clearance
- H** Exchange Clearance

BOILER MODEL	A		B		C		D		E		F		G		H	
	Min		Min		Rec	Min	Rec	Min	Rec	Min	Rec	Min	Rec	Min	Rec	
<b>BKBD-4</b>	1092	[43]	2995	[117.9]	100	750	1250	200	1000	1500	2500	200	1000	3000	[118]	
					[4]	[29.5]	[49.2]	[7.9]	[39.4]	[59]	[98.5]	[7.9]	[39.4]			