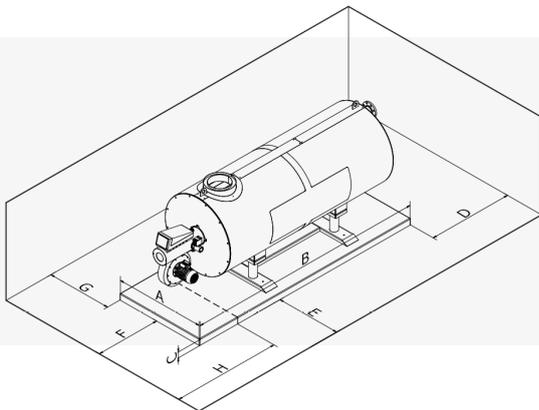


# BKBD-5

<b>Boiler Output</b>	MMBTU/hr	5.00
	kW	1465
<b>Efficiency Net @ 80/69°C</b>	%	108
<b>Input (Max)</b>	MMBTU/hr	5.2
	kW	1510.7
<b>Input (Min)w</b>	MMBTU/hr	1.0
	kW	302.1
<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	29.13
	mm	740
<b>Furnace Length</b>	inch	118.94
	mm	3021.2
<b>Furnace Volume</b>	Ft <sup>3</sup>	53.166
	M <sup>3</sup>	1.505
<b>Furnace Gas Side Resistance</b>	"Wg	2.0
	mbar	5.0
<b>Volume Air into Boiler</b>	Cuft/hr	57500.0
	m <sup>3</sup> /hr	1628.2
<b>Volume Gas into Boiler</b>	Cuft/hr	5154.6
	m <sup>3</sup> /hr	146.0
<b>Water Flow</b>	US Gal/hr	32400.0
	m <sup>3</sup> /hr	122.6
<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	59
	L/hr	224.3
<b>Boiler Maximum Height</b>	inch	62.8
	mm	1594.5
<b>Boiler Maximum Width</b>	inch	42.0
	mm	1066.8
<b>Boiler Maximum Length</b>	inch	201.5
	mm	5119.2
<b>Flue Sizes</b>	inch	14
	mm	350
<b>Water Flange Connection Sizes</b>	ASA 150	5"
	PN16	DN125



## 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	Rec	Min	Rec	Min	Rec	Min	Rec	Min	Rec	Min	Rec			
<b>BKBD-5</b>	1183 [46.6]		3470 [136.6]		100 [4]	750 [29.5]	1250 [49.2]		200 [7.9]	1000 [39.4]	1500 [59]	2500 [98.5]	200 [7.9]	1000 [39.4]	3300 [130]