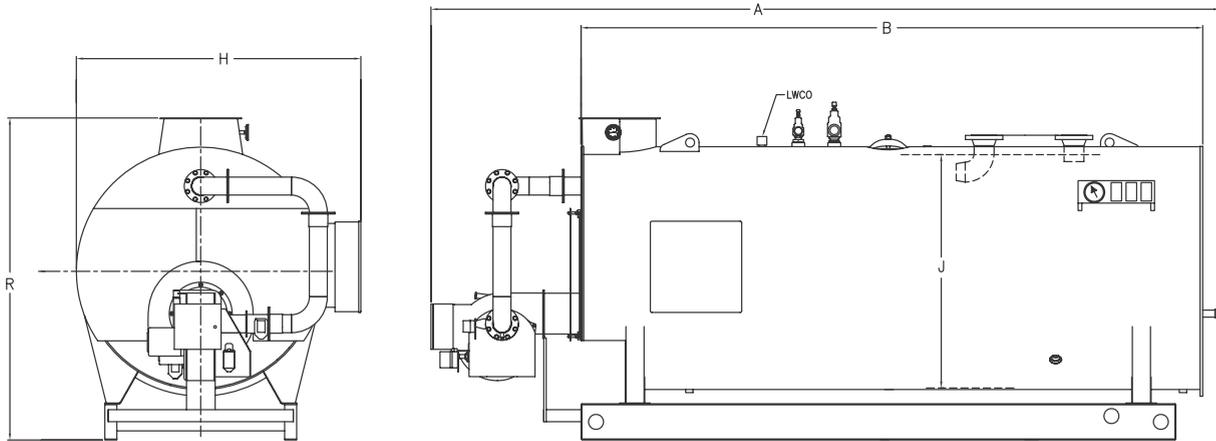


CBEX Premium

Technical Data Sheet

100–800 HP; Hot Water



Hot Water Dimensions

	DIM	Boiler Horsepower											
		100	125	150	200	250	300	350	400	500	600	700	800
Lengths in inches													
Overall Length (Standard)	A	166.5	171.5	181	204	232	238	238.5	258.5	261	267	287	287
Overall Length (30 PPM system)	A	166.5	178.5	181	204	232	238	238.5	258.5	261	267	287	287
Shell	B	132.5	137.5	140	163	174	180	182.5	190.5	193	199	207	207
Widths in inches													
Overall Width	H	75	75	80	80	87	87	98	98	105	105	112	112
I.D. Boiler	J	55	55	60	60	67	67	78	78	85	85	92	92
Heights in inches													
Base to Vent Outlet	R	81	81	87	87	94.5	94.5	108	108	114.5	114.5	122.5	122.5
Weights in lb.													
Normal Water Weight		6,960	7,250	8,540	10,140	12,540	13,040	18,870	19,480	21,650	22,300	26,650	26,650
Approx. Shipping Weight (psig)		8,600	8,860	10,270	11,830	14,450	15,090	18,980	19,290	24,000	24,900	32,100	32,100

Accompanying dimensions, while sufficiently accurate for layout purposes, must be confirmed for construction by certified dimension diagram/drawing. All Connections are threaded unless otherwise indicated.

Ratings

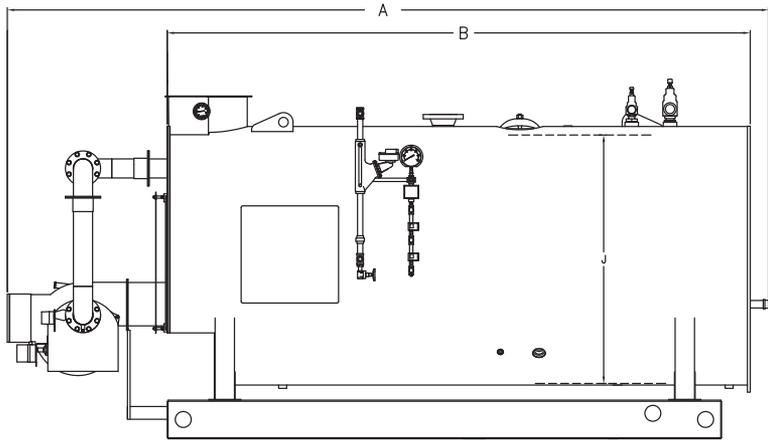
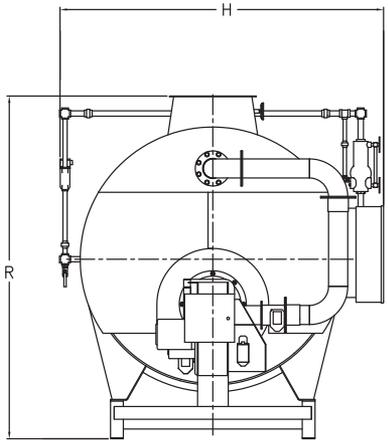
Sea Level to 700 ft

	Boiler Horsepower											
	100	125	150	200	250	300	350	400	500	600	700	800
Burner Model (Standard)	VLG-42	VLG-54	VLG-63	VLG-84	ELG-105	ELG-126	ELG-147	ELG-168	ELG-210	ELG-252	ELG-294-3	ELG-336-3
Burner Model (30 ppm)	LNVLG-42	LNVLG-54	LNVLG-63	LNVLG-84	LNELG-105	LNELG-126	LNELG-147	LNELG-168	LNELG-210	LNELG-252	LNELG-294-3	LNELG-336-3
BTU Output (1,000 BTU/hr)	3,347	4,184	5,021	6,694	8,368	10,042	11,715	13,389	16,736	20,083	23,430	26,778

CBEX Premium

Technical Data Sheet

100–800 HP; Steam



Steam Dimensions

DIM	Boiler Horsepower												
	100	125	150	200	250	300	350	400	500	600	700	800	
Lengths in inches													
Overall Length (Standard)	A	166.5	171.5	181	204	232	238	238.5	258.5	261	267	287	287
Overall Length (30 PPM system)	A	166.5	178.5	181	204	232	238	238.5	258.5	261	267	287	287
Shell	B	132.5	137.5	140	163	174	180	182.5	190.5	193	199	207	207
Widths in inches													
Overall Width	H	81	81	86	86	94	94	105	105	112	112	119	119
I.D. Boiler	J	55	55	60	60	67	67	78	78	85	85	92	92
Heights in inches													
Base to Vent Outlet	R	81	81	87	87	94.5	94.5	108	108	114.5	114.5	122.5	122.5
Weights in lb.													
Normal Water Weight		6,260	6,540	7,420	8,830	10,110	10,550	15,820	16,300	16,600	17,110	20,000	20,000
Approx. Shipping Weight (150 psig)		9,710	10,480	11,750	13,250	15,670	16,090	21,330	22,810	26,510	27,980	33,300	33,300

Accompanying dimensions, while sufficiently accurate for layout purposes, must be confirmed for construction by certified dimension diagram/drawing. All Connections are threaded unless otherwise indicated.

Ratings

Sea Level to 700 ft

	Boiler Horsepower											
	100	125	150	200	250	300	350	400	500	600	700	800
Burner Model (Standard)	VLG-42	VLG-54	VLG-63	VLG-84	ELG-105	ELG-126	ELG-147	ELG-168	ELG-210	ELG-252	ELG-294-3	ELG-336-3
Burner Model (30 ppm)	LNVLG-42	LNVLG-54	LNVLG-63	LNVLG-84	LNELG-105	LNELG-126	LNELG-147	LNELG-168	LNELG-210	LNELG-252	LNELG-294-3	LNELG-336-3
Rated Capacity (lb-steam/hr from and at 212°F)	3,450	4,313	5,175	6,900	8,625	10,350	12,075	13,800	17,250	20,700	24,150	27,600
BTU Output (1,000 BTU/hr)	3,347	4,184	5,021	6,694	8,368	10,042	11,715	13,389	16,736	20,083	23,430	26,778