

Boiler Model: ISB3																			
			ISB3-50	ISB3-60	ISB3-70	ISB3-80	ISB3-90	ISB3-100	ISB3-125	ISB3-150	ISB3-175	ISB3-200	ISB3-250	ISB3-300	ISB3-350	ISB3-400	ISB3-450	ISB3-500	ISB3-600
Draft Loss	100% Firing Rate	IN. W.C	0.36	0.39	0.49	0.51	0.53	0.57	0.61	0.66	0.61	0.69	0.75	0.85	0.93	1.03	1.16	1.20	1.39

Boiler Model		ISB4-	50	60	70	80	90	100	125	150	175	200	250	300	350	400	450	500	600
Boiler Rating																			
Horse Power		BHP	50	60	70	80	90	100	125	150	175	200	250	300	350	400	450	500	600
Firing Rate	Natural Gas, 1,000 btu/ft3	CFH	2,041	2,449	2,858	3,266	3,674	4,082	5,103	6,123	7,144	8,165	10,206	12,247	14,288	16,329	18,370	20,412	24,494
	# 2 Oil, 140,000 btu/gal	GPH	15	17	20	23	26	29	36	44	51	58	73	87	102	117	131	146	175
Combustion Chamber Dimensions																			
Furnace Center Height		in.	28-7/8	28-7/8	31	31	31	34-5/8	34-5/8	34-5/8	34-15/16	34-15/16	34-15/16	34-15/16	41-11/16	41-11/16	41-11/16	47	47
Furnace I.D		in.	27	27	30	30	30	37-1/4	37-1/4	37-1/4	37-1/4	37-1/4	37-1/4	37-1/4	47	47	47	57	57
Furnace Length		in.	58	73	62	73	84	64	83	102	68	80	105	130	133	155	177	127-1/2	157-1/2
Draft Losses																			
100% Firing		in. WC	1.53	1.56	2.00	2.08	2.29	1.91	2.25	2.55	2.34	2.64	2.81	3.17	2.81	3.23	4.01	3.49	4.24
Notes: The calculations are based on 12" high saddles. The draft loss may vary with different burner models of different manufacturer.																			