

Volts X Amps = Watts

Watts / 1000 = KW

Watts X 3.414 = BTU 1 phase

Watts X 3.414 X 1.73 = BTU 3 phase

Heating Temperature Rise to CFM

Btu Output / Temp Rise x 1.08 = CFM

BTU Output / CFM x 1.08 = Temp Rise



Coburn Supply Company

TEXAS | LOUISIANA | MISSISSIPPI | TENNESSEE

KW	BTU Output	Temperature Rise from R/A to S/A														
		26	23	20	18	16	14	13	12	11	11	10	9	9	8	8
5	17070	26	23	20	18	16	14	13	12	11	11	10	9	9	8	8
6	20484	32	27	24	21	19	17	16	15	14	13	12	11	11	10	9
7	23898	37	32	28	25	22	20	18	17	16	15	14	13	12	12	11
8	27312	42	36	32	28	25	23	21	19	18	17	16	15	14	13	13
9	30726	47	41	36	32	28	26	24	22	20	19	18	17	16	15	14
10	34140	53	45	39	35	32	29	26	24	22	21	20	19	18	17	16
11	37554	58	50	43	39	35	32	29	27	25	23	22	20	19	18	17
12	40968	63	54	47	42	38	34	32	29	27	25	24	22	21	20	19
13	44382	68	58	51	46	41	37	34	32	29	27	26	24	23	22	21
14	47796	74	63	55	49	44	40	37	34	32	30	28	26	25	23	22
15	51210	79	68	59	53	47	43	39	36	34	32	30	28	26	25	24
16	54624	84	72	64	56	50	46	42	38	36	34	32	30	28	27	25
17	58038	89	77	67	60	54	49	45	41	38	36	34	32	30	28	27
18	61452	95	82	72	64	56	52	48	44	40	38	36	34	32	30	28
19	64866	100	86	75	67	60	55	50	46	42	40	38	36	34	32	30
20	68280	106	90	79	70	63	57	53	49	45	42	40	37	35	33	32
Approx CFM		600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Gas Input	Gas Output															
72,000	57,600	89	76	67	59	53	48	45	41	38	36	34	32	30	28	27
75,000	60,000	93	79	69	62	56	51	47	43	40	38	35	33	31	29	28
91,000	72,000	111	95	83	74	67	61	56	51	48	45	42	39	37	35	33
100,000	81,000	125	107	94	83	75	68	63	58	54	50	47	43	41	40	38