Avinue des Nids de Poules – 85460 L'Aiguillon-Sur-Mer - France
Tel : +33(0)2.51.30.44.00 – contact@erfi-fr.com

Power table – Bank burners

Burner flow (Nm3/h)

Type of burner	Section (mm²)	Pressure (mmCE)							
		50	100	150	200	250	300	350	400
		0.097	0.147	0.17	0.195	0.219	0.249	0.256	0.275
Nozzle Ø3	7.07	0.62	0.94	1.08	1.24	1.39	1.58	1.63	1.75
Nozzle Ø3.5	9.07	0.79	1.20	1.39	1.59	1.79	2.03	2.09	2.24
Nozzle Ø4	12.60	1.10	1.67	1.93	2.21	2.48	2.82	2.90	3.12
Nozzle Ø4.5	15.90	1.39	2.10	2.43	2.79	3.13	3.56	3.66	3.94
Nozzle Ø5	19.60	1.71	2.59	3.00	3.44	3.86	4.39	4.52	4.85
Nozzle Ø5.5	23.70	2.07	3.14	3.63	4.16	4.67	5.31	5.46	5.87
Nozzle Ø6	28.30	2.47	3.74	4.33	4.97	5.58	6.34	6.52	7.00

Power with natural gas (PCI: 8.8 Th/m3)

Type of burner		Pressure (mmCE)							
		50	100	150	200	250	300	350	400
Nozzle Ø3	P. in Th/h	0.49	0.75	0.87	0.99	1.11	1.27	1.30	1.40
	P. in Kw	0.57	0.87	1.01	1.15	1.30	1.47	1.52	1.63
Nozzle Ø3.5	P. in Th/h	0.63	0.96	1.11	1.27	1.43	1.63	1.67	1.80
	P. in Kw	0.74	1.12	1.29	1.48	1.66	1.89	1.94	2.09
Nozzle Ø4	P. in Th/h	0.88	1.33	1.54	1.77	1.99	2.26	2.32	2.49
	P. in Kw	1.02	1.55	1.79	2.06	2.31	2.63	2.70	2.90
Nozzle Ø4.5	P. in Th/h	1.11	1.68	1.95	2.23	2.51	2.85	2.93	3.15
	P. in Kw	1.29	1.96	2.26	2.60	2.92	3.32	3.41	3.66
Nozzle Ø5	P. in Th/h	1.37	2.07	2.40	2.75	3.09	3.51	3.61	3.88
	P. in Kw	1.59	2.41	2.79	3.20	3.59	4.09	4.20	4.51
Nozzle Ø5.5	P. in Th/h	1.66	2.51	2.90	3.33	3.74	4.25	4.37	4.69
	P. in Kw	1.93	2.92	3.37	3.87	4.35	4.94	5.08	5.46
Nozzle Ø6	P. in Th/h	1.98	3.00	3.46	3.97	4.46	5.07	5.22	5.60
	P. in Kw	2.30	3.48	4.03	4.62	5.19	5.90	6.07	6.52

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Power with propane gas (PCI: 21.8 Th/m3)

Type of burner		Pressure (mmCE)							
		50	100	150	200	250	300	350	400
Nozzle Ø3	P. in Th/h	0.55	0.83	0.96	1.10	1.24	1.41	1.45	1.56
	P. in Kw	0.64	0.97	1.12	1.28	1.44	1.64	1.69	1.81
Nozzle Ø3.5	P. in Th/h	0.70	1.07	1.23	1.42	1.59	1.81	1.86	2.00
	P. in Kw	0.82	1.24	1.44	1.65	1.85	2.10	2.16	2.32
Nozzle Ø4	P. in Th/h	0.98	1.48	1.72	1.97	2.21	2.51	2.58	2.77
	P. in Kw	1.14	1.73	1.99	2.29	2.57	2.92	3.00	3.23
Nozzle Ø4.5	P. in Th/h	1.24	1.87	2.16	2.48	2.79	3.17	3.26	3.50
	P. in Kw	1.44	2.18	2.52	2.89	3.24	3.69	3.79	4.07
Nozzle Ø5	P. in Th/h	1.52	2.31	2.67	3.06	3.44	3.91	4.02	4.32
	P. in Kw	1.77	2.68	3.10	3.56	4.00	4.55	4.67	5.02
Nozzle Ø5.5	P. in Th/h	1.84	2.79	3.23	3.70	4.16	4.73	4.86	5.22
	P. in Kw	2.14	3.24	3.75	4.30	4.83	5.50	5.65	6.07
Nozzle Ø6	P. in Th/h	2.20	3.33	3.85	4.42	4.96	5.64	5.80	6.23
	P. in Kw	2.56	3.87	4.48	5.14	5.77	6.56	6.75	7.25