

LX SERIES™

Low-Pressure Gas Compressors

Compressor Capacity in (scfm) - Two-Stage Units 70 to 140 psi Inlet Pressure Nitrogen Gas

Model Number			Motor hp	Inlet Pressures (psig)							
				70	80	90	100	110	120	130	140
Maximum Discharge Pressure	1500 PSI	C1.5-03-70/140LX	3	3.8	4.3	4.9	5.2	5.6	6.1	6.7	7.1
		C1.5-05-70/140LX	5	6.1	6.8	7.7	8.2	8.9	9.7	10.6	11.2
		C1.5-10-70/140LX	10	11.7	13.1	14.7	15.8	17.1	18.6	20	22
		C1.5-15-70/140LX	15	18.0	20	23	24	26	29	31	33
		C1.5-20-70/140LX	20	24	27	30	32	35	38	41	44
		C1.5-40-70/140LX	40	47	53	60	64	69	75	82	87
		C1.5-60-70/140LX	60	71	80	90	96	104	113	124	131
	3000 PSI	C03-03-70/140LX	3	2.5	2.8	3.2	3.5	3.8	4.1	4.5	4.8
		C03-05-70/140LX	5	3.8	4.3	4.9	5.2	5.6	6.1	6.7	7.1
		C03-10-70/140LX	10	7.3	8.2	9.2	9.9	10.7	11.6	12.7	13.5
		C03-15-70/140LX	15	11.7	13.1	14.8	15.9	17.2	18.7	20	22
		C03-20-70/140LX	20	15	17	19	21	22	24	27	28
		C03-40-70/140LX	40	29	33	37	39	43	46	51	54
		C03-60-70/140LX	60	43	48	54	59	63	69	75	80
	6000 PSI	C06-03-70/140LX	3	1.3	1.5	1.7	1.8	1.9	2.1	2.3	2.5
		C06-05-70/140LX	5	2.1	2.4	2.7	2.9	3.1	3.4	3.7	4.0
		C06-10-70/140LX	10	4.0	4.5	5.1	5.5	6.0	6.5	7.2	7.6
		C06-15-70/140LX	15	6.7	7.6	8.5	9.2	9.9	10.8	11.8	12.5
		C06-20-70/140LX	20	8.7	9.8	11.1	11.9	12.9	14.0	15.4	16.3
		C06-40-70/140LX	40	21	24	27	29	31	34	37	39
		C06-60-70/140LX	60	31	35	40	43	46	50	55	58



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LX SERIES™

Low-Pressure Gas Compressors

Compressor Capacity in (scfm) - Two-Stage Units 140 to 300 psi Inlet Pressure Nitrogen Gas

Model Number			Motor hp	Inlet Pressures (psig)								
				140	160	180	200	220	240	260	280	300
Maximum Discharge Pressure	1500 PSI	C1.5-03-140/300LX	3	5.5	6.1	6.8	7.7	8.4	9.0	9.8	10.7	11.3
		C1.5-05-140/300LX	5	8.8	9.8	10.9	12.3	13.5	14.5	15.7	17.1	18.1
		C1.5-10-140/300LX	10	16.6	18.4	21	23	25	27	30	32	34
		C1.5-15-140/300LX	15	27	30	34	38	42	45	49	53	56
		C1.5-20-140/300LX	20	36	39	44	50	54	58	63	69	73
		C1.5-40-140/300LX	40	71	79	88	99	108	117	127	138	146
		C1.5-60-140/300LX	60	107	118	132	149	163	175	190	207	219
	3000 PSI	C03-03-140/300LX	3	3.3	3.6	4.1	4.6	5.0	5.4	5.9	6.4	6.8
		C03-05-140/300LX	5	5.3	5.9	6.6	7.4	8.1	8.8	9.5	10.4	11.0
		C03-10-140/300LX	10	10.0	11.1	12.4	14.0	15.3	16.5	17.9	19.5	21
		C03-15-140/300LX	15	16.6	18.3	20	23	25	27	29	32	34
		C03-20-140/300LX	20	22	24	27	30	33	35	38	42	44
		C03-40-140/300LX	40	42	47	52	59	64	69	75	82	86
		C03-60-140/300LX	60	62	69	77	87	95	102	111	121	128
	6000 PSI	C06-03-140/300LX	3	1.9	2.1	2.4	2.7	2.9	3.2	3.4	3.8	4.0
		C06-05-140/300LX	5	3.1	3.4	3.8	4.3	4.8	5.1	5.6	6.1	6.4
		C06-10-140/300LX	10	5.8	6.4	7.2	8.2	8.9	9.6	10.5	11.4	12.1
		C06-15-140/300LX	15	10.1	11.2	12.5	14.1	15.5	16.7	18.1	19.7	21
		C06-20-140/300LX	20	12.8	14.2	15.8	17.9	19.6	21	23	25	26
		C06-40-140/300LX	40	28	31	35	40	43	47	50	55	58
		C06-60-140/300LX	60	42	46	52	58	64	69	74	81	86



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Low-Pressure Gas Compressors

Compressor Capacity in (scfm) - Two-Stage Units 300 to 600 psi Inlet Pressure Nitrogen Gas

Model Number		Motor hp	Inlet Pressures (psig)							
			300	350	400	450	500	550	600	
Maximum Discharge Pressure	3000 PSI	C03-03-300/600LX	3	5.7	6.7	7.6	8.5	9.5	10.4	11.3
		C03-05-300/600LX	5	9.3	10.9	12.3	13.8	15.4	16.9	18.4
		C03-10-300/600LX	10	17.4	20	23	26	29	32	34
		C03-15-300/600LX	15	27	31	35	40	44	48	53
		C03-20-300/600LX	20	34	40	45	51	56	62	67
		C03-40-300/600LX	40	77	90	102	115	128	140	152
		C03-60-300/600LX	60	114	133	150	169	188	205	224
	6000 PSI	C06-03-300/600LX	3	3.2	3.7	4.2	4.7	5.3	5.8	6.3
		C06-05-300/600LX	5	5.2	6.0	6.9	7.7	8.6	9.4	10.3
		C06-10-300/600LX	10	9.7	11.4	12.9	14.5	16.2	17.7	19.3
		C06-15-300/600LX	15	15.3	17.9	20	23	25	28	30
		C06-20-300/600LX	20	20	23	26	30	33	36	40
		C06-40-300/600LX	40	43	51	57	64	71	78	85
		C06-60-300/600LX	60	64	74	84	95	105	115	125

Notes:

1. Please consult with Hydro-Pac, Inc. for applications not covered by machines listed here.
2. Charts showing detailed capacity information for other gases and in other units are available on request.
3. This information is supplied for reference only and is subject to change.
4. All capacities listed are based on gas at maximum inlet temperatures of 80F (27C). The capacity will be less if the inlet gas temperature is higher.
5. All capacities are based on 60 hertz power. Depending on the model, the capacity may be less with 50 hertz power. Please consult with Hydro-Pac for capacity information for a specific model.
6. All pressures listed are gauge pressures.



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Low-Pressure Gas Compressors

Compressor Capacity in (scfm) - Single-Stage Units Nitrogen Gas

Model Number		Motor hp	Inlet Pressures (psig)								
			100	200	300	400	500	750	1000	1250	1500
Maximum Discharge Pressure 1500 PSI	C1.5-03-1300LX	3	2.9	5.5	8.4	11.2	14.1	21	28	35	42
	C1.5-05-1300LX	5	4.7	9.0	13.6	18.2	23	34	46	57	68
	C1.5-10-1300LX	10	8.9	17.0	26	34	44	65	87	108	129
	C1.5-15-1300LX	15	14.4	27	41	55	69	103	137	171	204
	C1.5-20-1300LX	20	18.8	36	54	71	90	134	179	223	266
	C1.5-40-1300LX	40	39	74	110	148	186	277	369	459	548
	C1.5-60-1300LX	60	56	107	161	215	271	404	539	670	799

Note: The minimum inlet pressure for 1500 psi discharge is 200 psig. The compressors will operate at lower inlet pressures. Do not exceed an 8 to 1 compression ratio. For example, the maximum discharge pressure with 100 psig inlet is 905 psig.

Model Number		Motor hp	Inlet Pressures (psig)								
			100	200	400	500	1000	1500	2000	2500	3000
Maximum Discharge Pressure 3000 PSI	C03-03-2600LX	3	1.3	2.5	5.0	6.5	13.5	20	27	33	39
	C03-05-2600LX	5	2.2	4.2	8.2	10.6	22	33	44	54	64
	C03-10-2600LX	10	4.2	7.9	15.5	20	42	63	83	103	121
	C03-15-2600LX	15	6.7	12.7	25	32	66	99	131	161	189
	C03-20-2600LX	20	8.7	16.5	32	42	86	129	170	209	246
	C03-40-2600LX	40	20	37	73	93	187	278	367	450	528
	C03-60-2600LX	60	29	55	108	137	275	410	542	665	780

Note: The minimum inlet pressure for 3000 psi discharge is 400 psig. The compressors will operate at lower inlet pressures. Do not exceed an 8 to 1 compression ratio. For example, the maximum discharge pressure with 100 psig inlet is 905 psig.



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Compressor Capacity in (scfm) - Single-Stage Units Nitrogen Gas

Model Number		Motor hp	Inlet Pressures (psig)								
			100	500	800	1000	2000	3000	4000	5000	6000
Maximum Discharge Pressure 6000 PSI	C06-03-5200LX	3	0.6	2.7	4.4	5.9	12.9	19.2	25	29	33
	C06-05-5200LX	5	0.9	4.3	7.1	9.5	21	31	39	47	53
	C06-10-5200LX	10	1.7	8.1	13.4	17.8	39	58	74	88	100
	C06-15-5200LX	15	2.9	13.6	22	29	62	91	116	139	157
	C06-20-5200LX	20	3.5	16.3	27	35	74	110	140	167	189
	C06-40-5200LX	40	9.3	43	68	88	178	259	329	390	442
	C06-60-5200LX	60	13.6	63	101	129	263	382	485	575	651

Note: The minimum inlet pressure for 6000 psi discharge is 800 psig. The compressors will operate at lower inlet pressures. Do not exceed an 8 to 1 compression ratio. For example, the maximum discharge pressure with 100 psig inlet is 905 psig.

Model Number		Motor hp	Inlet Pressures (psig)								
			500	1000	1500	2000	2500	3000	4000	5000	6000
Maximum Discharge Pressure 12000 PSI	C12-03-10500LX	3	1.1	2.4	3.8	5.6	7.4	9	11.8	14.3	16.5
	C12-05-10500LX	5	1.7	3.7	5.9	8.7	11.4	13.9	18.3	22	25
	C12-10-10500LX	10	3.1	6.9	11.1	16.5	21	26	35	42	48
	C12-15-10500LX	15	5.7	12.1	19.1	28	36	43	56	68	78
	C12-20-10500LX	20	7.4	15.8	25	36	46	56	73	89	101
	C12-40-10500LX	40	19.5	40	60	83	104	124	159	191	217
	C12-60-10500LX	60	29	59	89	123	154	184	236	282	321

Note: The minimum inlet pressure for 12000 psi discharge is 1500 psig. The compressors will operate at lower inlet pressures. Do not exceed an 8 to 1 compression ratio. For example, the maximum discharge pressure with 500 psig inlet is 4000 psig.



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