

LX-SERIES™

Low-Pressure Gas Compressors

Compressor Capacity in (scfm) - Two-Stage Units 70 to 140 psi Inlet Pressure Methane 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	3.9	4.4	5.0	5.4	5.8	6.3	6.9	7.3
		C1.5-05-70/140LX	5	6.4	7.2	8.1	8.7	9.4	10.3	11.3	11.9
		C1.5-10-70/140LX	10	12.1	13.6	15.3	16.5	17.8	19.4	21	23
		C1.5-15-70/140LX	15	19.3	22	24	26	28	31	34	36
		C1.5-20-70/140LX	20	25	28	32	34	37	40	44	47
		C1.5-40-70/140LX	40	50	57	64	69	74	81	88	94
		C1.5-60-70/140LX	60	76	85	96	103	111	121	133	141
	3000 PSI	C03-03-70/140LX	3	2.4	2.7	3.1	3.3	3.6	3.9	4.3	4.5
		C03-05-70/140LX	5	3.9	4.4	5.0	5.4	5.8	6.3	6.9	7.4
		C03-10-70/140LX	10	7.4	8.4	9.4	10.2	11.0	12.0	13.1	13.9
		C03-15-70/140LX	15	12.3	13.8	15.6	16.8	18.1	20	22	23
		C03-20-70/140LX	20	16.1	18.1	20	22	24	26	28	30
		C03-40-70/140LX	40	29	33	37	40	43	47	52	55
		C03-60-70/140LX	60	44	49	55	59	64	70	77	81
	6000 PSI	C06-03-70/140LX	3	1.4	1.6	1.8	2.0	2.1	2.3	2.5	2.7
		C06-05-70/140LX	5	2.3	2.6	3.0	3.2	3.5	3.8	4.1	4.4
		C06-10-70/140LX	10	4.4	5.0	5.6	6.1	6.6	7.2	7.9	8.4
		C06-15-70/140LX	15	7.3	8.2	9.3	10.0	10.8	11.8	12.9	13.7
		C06-20-70/140LX	20	9.6	10.8	12.2	13.1	14.2	15.4	16.9	18.0
		C06-40-70/140LX	40	23	26	29	31	34	36	40	42
		C06-60-70/140LX	60	33	38	42	46	49	54	59	62



HYDRO-PAC INC.

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LX-SERIES™

Low-Pressure Gas Compressors

**Compressor Capacity in (scfm) - Two-Stage Units
140 to 300 psi Inlet Pressure
Methane 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	7.8	8.5	9.2	10.0	10.9	11.5
		C1.5-05-140/300LX	5	9.0	10.0	11.1	12.6	13.8	14.9	16.2	17.7	18.8
		C1.5-10-140/300LX	10	16.9	18.7	21	24	26	28	30	33	35
		C1.5-15-140/300LX	15	28	31	34	39	43	46	50	55	58
		C1.5-20-140/300LX	20	36	40	45	51	56	60	65	71	76
		C1.5-40-140/300LX	40	72	80	90	102	111	120	131	143	151
		C1.5-60-140/300LX	60	109	120	134	153	167	180	196	214	227
	3000 PSI	C03-03-140/300LX	3	3.4	3.7	4.2	4.7	5.2	5.6	6.1	6.6	7.0
		C03-05-140/300LX	5	5.5	6.0	6.8	7.7	8.4	9.1	9.9	10.8	11.4
		C03-10-140/300LX	10	10.3	11.4	12.8	14.5	15.9	17.1	18.6	20	22
		C03-15-140/300LX	15	17.4	19.3	22	24	27	29	31	34	36
		C03-20-140/300LX	20	23	25	28	32	35	38	41	45	47
		C03-40-140/300LX	40	43	47	53	60	65	71	77	84	89
		C03-60-140/300LX	60	63	70	78	89	97	105	114	124	132
	6000 PSI	C06-03-140/300LX	3	2.1	2.3	2.6	3.0	3.2	3.5	3.8	4.2	4.4
		C06-05-140/300LX	5	3.4	3.8	4.2	4.8	5.3	5.7	6.2	6.8	7.2
		C06-10-140/300LX	10	6.4	7.1	8.0	9.1	10.0	10.8	11.7	12.8	13.6
		C06-15-140/300LX	15	10.7	11.8	13.2	15.0	16.5	17.8	19.3	21	22
		C06-20-140/300LX	20	13.2	14.6	16.4	18.6	20	22	24	26	28
		C06-40-140/300LX	40	29	32	36	41	45	48	52	57	61
		C06-60-140/300LX	60	42	47	52	59	65	70	76	83	88



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Low-Pressure Gas Compressors

Compressor Capacity in (scfm) - Two-Stage Units 300 to 600 psi Inlet Pressure Methane 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	6.0	7.0	8.0	9.0	10.1	11.1	12.2
		C03-05-300/600LX	5	9.7	11.4	13.0	14.7	16.4	18.1	19.8
		C03-10-300/600LX	10	18.2	21	24	28	31	34	37
		C03-15-300/600LX	15	29	34	39	44	49	54	59
		C03-20-300/600LX	20	35	42	47	54	60	66	72
		C03-40-300/600LX	40	79	92	105	119	133	146	160
		C03-60-300/600LX	60	117	138	157	178	199	218	239
	6000 PSI	C06-03-300/600LX	3	3.6	4.3	4.9	5.5	6.2	6.8	7.5
		C06-05-300/600LX	5	5.9	7.0	7.9	9.0	10.1	11.1	12.2
		C06-10-300/600LX	10	11.1	13.0	14.9	16.8	18.9	21	23
		C06-15-300/600LX	15	17.4	20	23	26	30	32	36
		C06-20-300/600LX	20	21	25	28	32	36	40	43
		C06-40-300/600LX	40	45	53	60	68	76	83	91
		C06-60-300/600LX	60	66	77	88	99	111	122	134

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 Methane 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	1.5	4.6	7.9	11.2	14.6	23	33	42	52
	C1.5-05-1300LX	5	2.2	6.9	11.8	16.7	22	35	49	63	78
	C1.5-10-1300LX	10	4.1	12.9	22	31	41	65	91	118	145
	C1.5-15-1300LX	15	10	24	38	53	68	106	147	189	233
	C1.5-20-1300LX	20	13.1	31	50	69	88	139	192	247	304
	C1.5-40-1300LX	40	35	72	111	150	190	295	405	519	637
	C1.5-60-1300LX	60	52	107	164	222	281	436	598	767	941

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	0.7	1.6	3.6	5.3	14.2	24	34	43	52
	C03-05-2600LX	5	1.1	2.5	5.6	8.2	22	37	52	67	80
	C03-10-2600LX	10	2.2	5.1	10.7	15.5	42	70	99	126	151
	C03-15-2600LX	15	3.5	7.9	20.3	28	67	110	154	196	233
	C03-20-2600LX	20	4.6	10.5	27	36	88	144	201	256	305
	C03-40-2600LX	40	13.4	32	71	91	198	314	433	547	649
	C03-60-2600LX	60	19.8	47	105	134	292	463	639	807	957

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 Methane 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	0.2	1.3	2.1	3.8	13.1	21.6	28	33	36
	C06-05-5200LX	5	0.3	2.3	3.6	6.5	22	37	47	55	61
	C06-10-5200LX	10	0.7	4.5	6.7	12.2	42	69	89	104	115
	C06-15-5200LX	15	1.1	7	18.6	27	70	110	140	161	178
	C06-20-5200LX	20	1.4	8.9	24	34	88	138	176	203	224
	C06-40-5200LX	40	8	41	73	95	212	319	400	458	503
	C06-60-5200LX	60	12	61	107	139	311	469	588	675	740

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	0.3	1.1	3.7	6.3	8.9	11.2	14.8	17.5	19.5
	C12-05-10500LX	5	0.5	1.6	5.6	9.7	13.6	17.1	23	27	30
	C12-10-10500LX	10	0.9	3.1	10.6	18.2	26	32	43	50	56
	C12-15-10500LX	15	1.5	7.8	19.2	31	42	52	68	80	89
	C12-20-10500LX	20	2.0	10.2	25	40	55	68	88	103	115
	C12-40-10500LX	40	12.2	29	61	94	125	154	198	231	256
	C12-60-10500LX	60	18.3	43	90	139	185	227	293	341	378

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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