

VERTICAL MULTISTAGE STAINLESS STEEL PUMP SERIES



MODEL CHL

APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.

OPERATING CONDITIONS

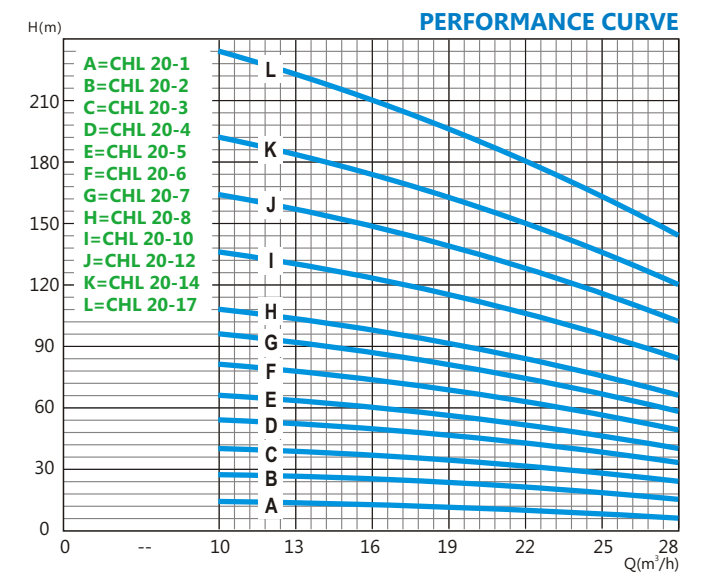
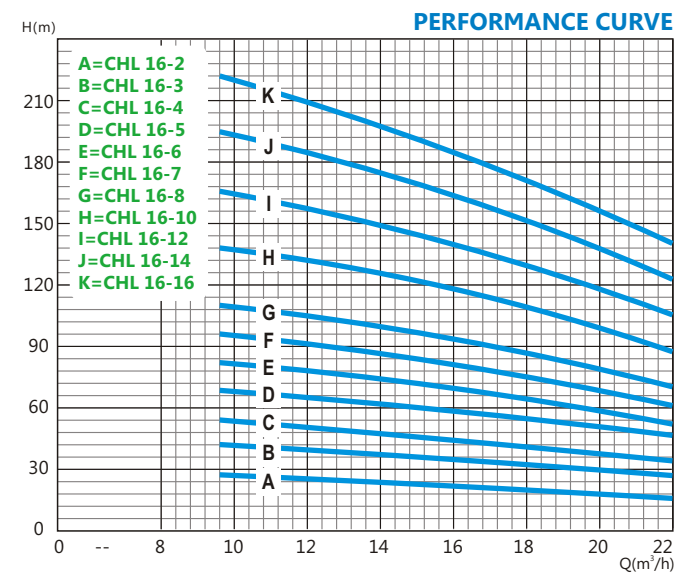
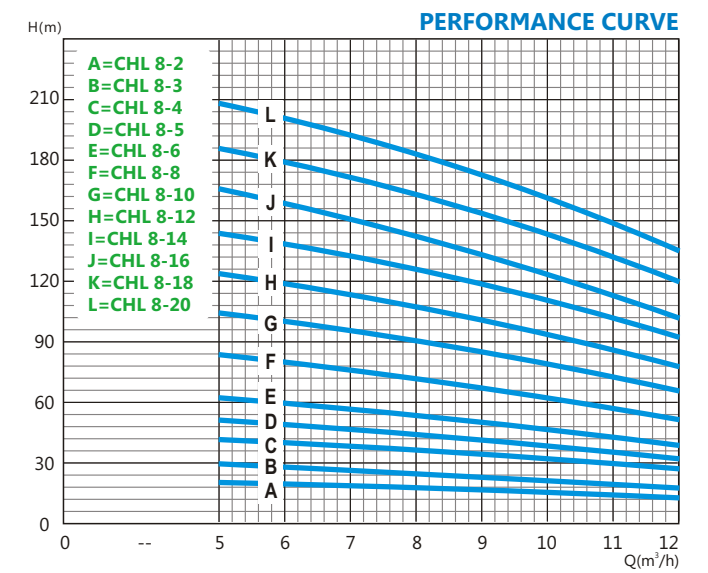
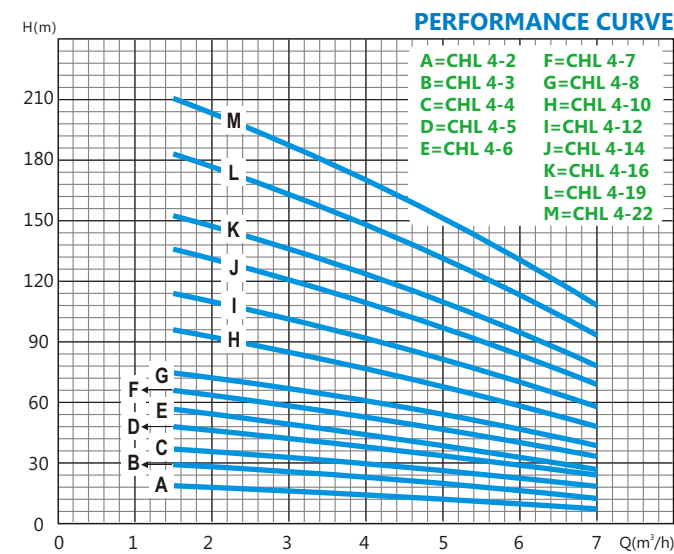
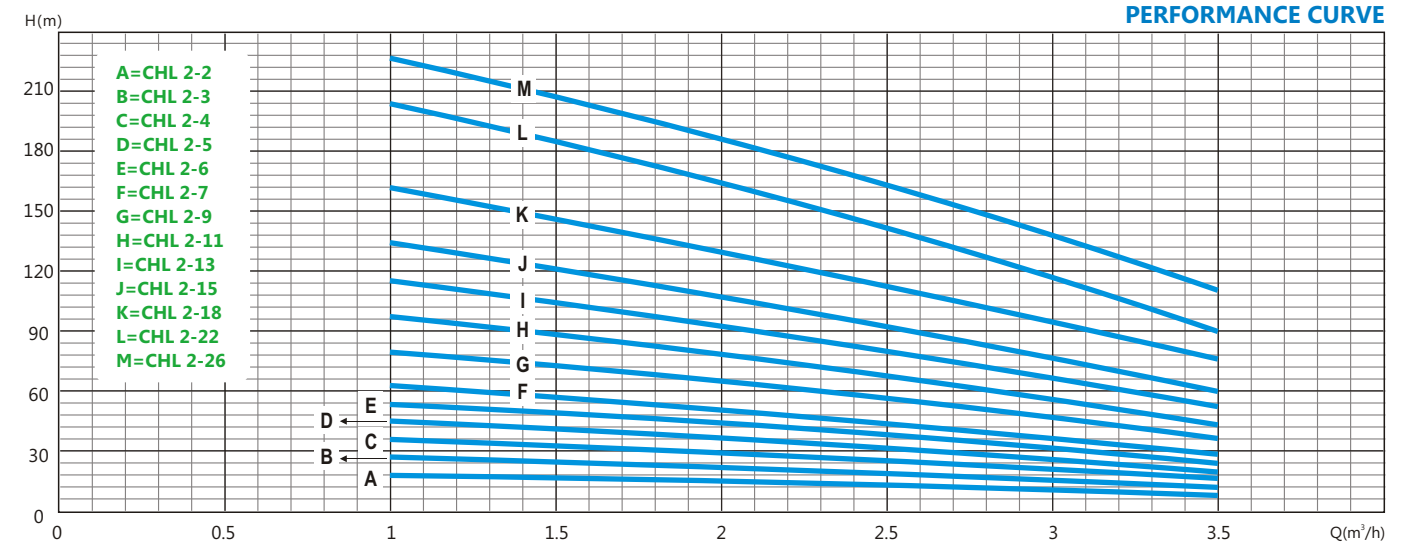
Max Liquid Temperature: 110°C
Max Ambient Temperature: +45°C

PUMP

SUCTION CASING Stainless steel on request
DELIVERY CASING Stainless steel on request
IMPELLER Stainless steel on request
EXTERNAL JACKET Stainless steel on request
COUNTERFLANGES Stainless steel on request
UPPER COVER Stainless steel on request
LOWER COVER Stainless steel on request
PUMP SHAFT Stainless steel on request
MECHANICAL SEAL SETS Silicon / graphite

MOTOR

Electric Standard Motor (IEC 34-7)
INSULATION : Class F
PROTECTION : IP55



TECHNICAL DATA

MODEL	POWER		Q(m³/h-l/min)							Flange	G.W. KGS	
	HP	kW	8	10	12	14	16	18	20			22
			133	167	200	233	267	300	333			367
H(m)												
CHL 16-2	3	2.2	27	26	25	24	22	21	19	16	2"	42
CHL 16-3	4	3	41	40	38	37	34	32	29	25	2"	50
CHL 16-4	5.5	4	54	53	52	49	46	43	38	34	2"	59
CHL 16-5	7.5	5.5	68	67	65	62	58	54	48	43	2"	76
CHL 16-6	7.5	5.5	82	80	78	74	70	64	58	52	2"	77
CHL 16-7	10	7.5	96	95	91	87	82	76	68	61	2"	84
CHL 16-8	10	7.5	110	108	104	99	94	86	77	70	2"	86
CHL 16-10	15	11	138	136	131	125	118	109	97	87	2"	158
CHL 16-12	15	11	166	162	157	150	141	130	116	105	2"	161
CHL 16-14	20	15	194	190	184	175	166	152	136	122	2"	174
CHL 16-16	20	15	222	217	210	200	189	174	156	140	2"	178

MODEL	POWER		Q(m³/h-l/min)									Flange	G.W. KGS	
	HP	kW	10	12	14	16	18	20	22	24	26			28
			167	200	233	267	300	333	367	400	433			467
H(m)														
CHL 20-1	1.5	1.1	13.5	13	12.5	12	11	10	9	8	7	6	2"	33
CHL 20-2	3	2.2	27	26.5	26	25	24	23	22	20	18	15	2"	42
CHL 20-3	5.5	4	40	39.5	39	38	37	35	33	30	27	24	2"	58
CHL 20-4	7.5	5.5	54	53	52	51	49	47	44	41	37	33	2"	74
CHL 20-5	7.5	5.5	67	66	64	62	60	58	55	50	45	40	2"	76
CHL 20-6	10	7.5	81	79	77	75	73	70	66	61	55	49	2"	82
CHL 20-7	10	7.5	95	93	91	89	86	82	77	71	65	58	2"	84
CHL 20-8	15	11	109	107	105	102	99	94	89	82	75	67	2"	153
CHL 20-10	15	11	136	134	131	128	124	118	111	103	95	85	2"	157
CHL 20-12	20	15	164	162	158	154	149	142	133	124	114	102	2"	170
CHL 20-14	20	15	192	189	185	180	174	166	156	145	133	119	2"	172
CHL 20-17	25	18.5	234	230	225	219	212	202	190	177	162	145	2"	195

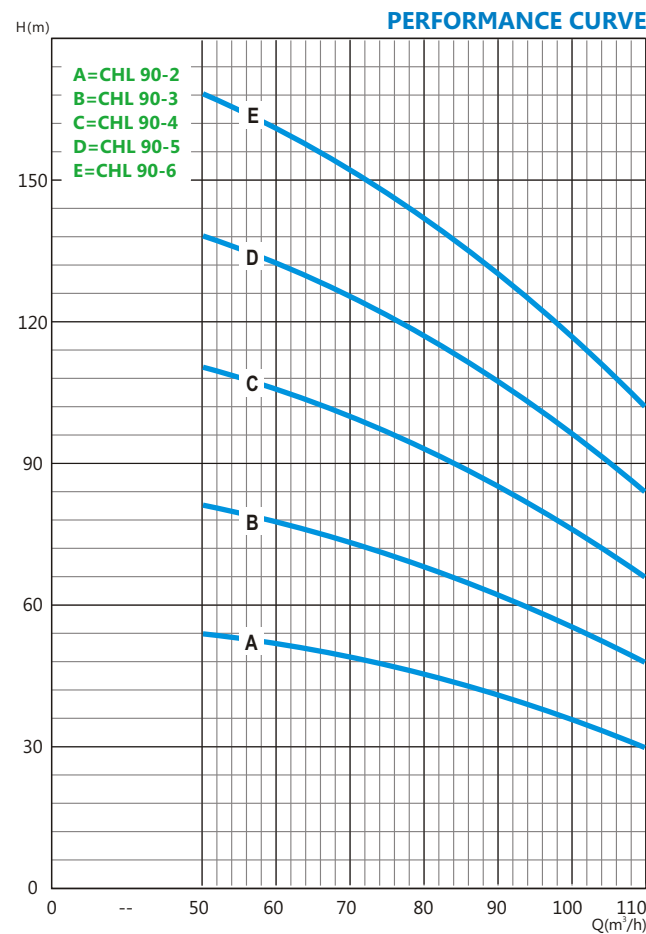
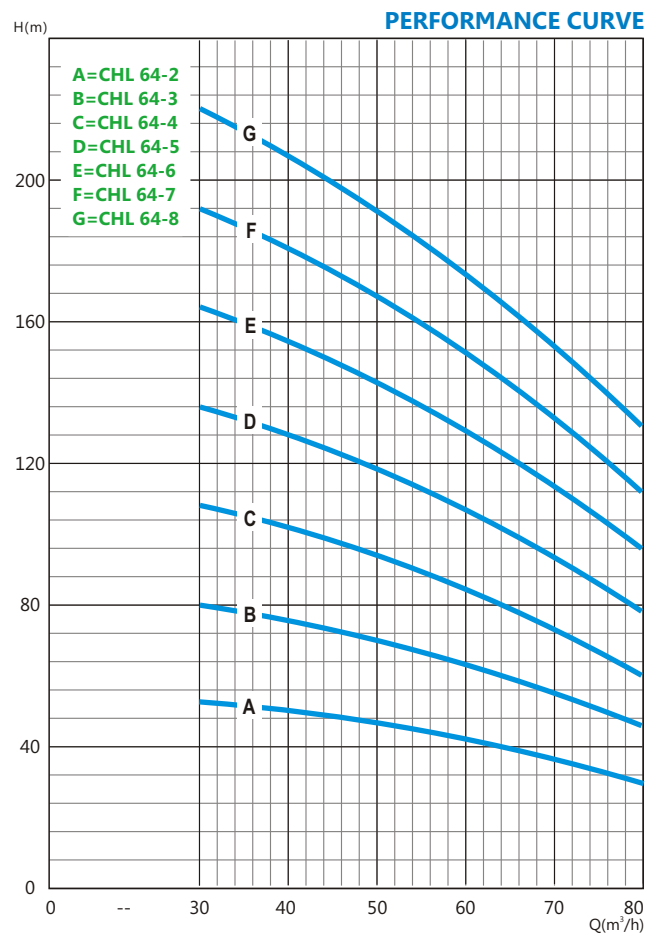
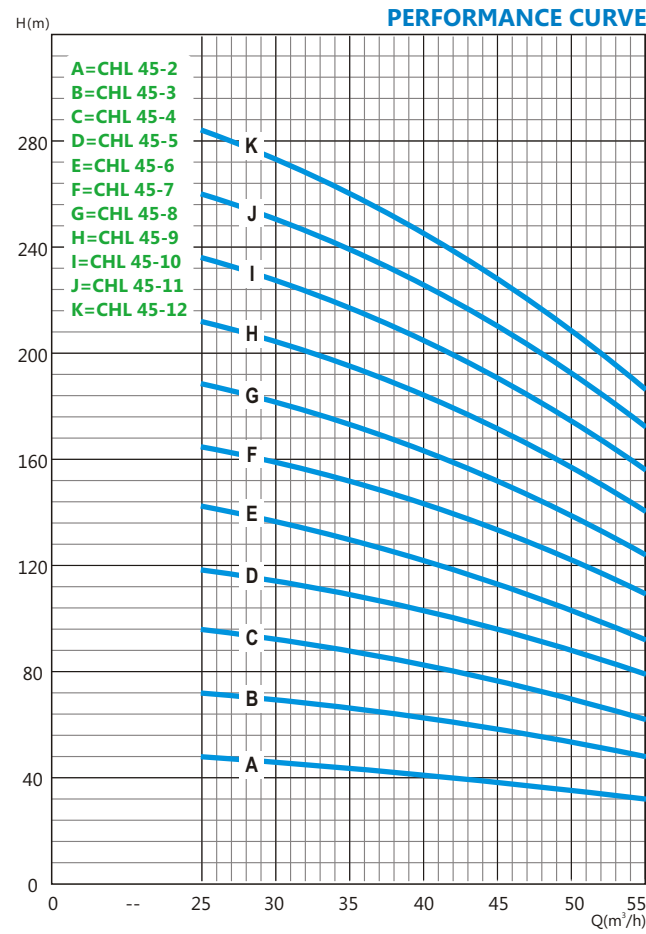
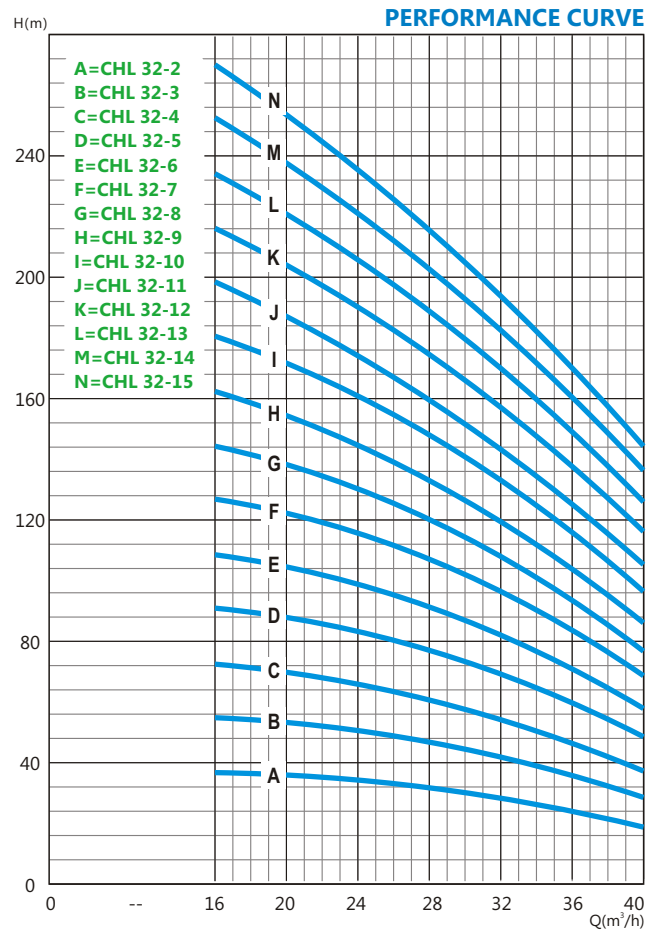
MODEL	POWER		Q(m³/h-l/min)						Flange	G.W. KGS	
	HP	kW	16	20	24	28	32	36			40
			267	333	400	467	533	600			667
H(m)											
CHL 32-2	5.5	4	36	34	32	29	27	23	18	3"	85
CHL 32-3	7.5	5.5	54	51	48	44	39	35	27	3"	100
CHL 32-4	10	7.5	72	68	65	59	53	47	37	3"	109
CHL 32-5	15	11	90	86	81	74	67	59*	47	3"	181
CHL 32-6	15	11	108	102	97	90	81	72	57	3"	185
CHL 32-7	20	15	126	120	113	105	95	84	67	3"	199
CHL 32-8	20	15	144	137	129	120	109	97	76	3"	203
CHL 32-9	25	18.5	162	154	146	136	123	109	86	3"	222
CHL 32-10	25	18.5	180	171	162	151	137	121	96	3"	227
CHL 32-11	30	22	198	188	178	166	151	134	105	3"	272
CHL 32-12	40	30	216	205	194	182	165	146	115	3"	276
CHL 32-13	40	30	234	222	211	197	179	158	125	3"	337
CHL 32-14	40	30	252	239	227	212	193	171	135	3"	341
CHL 32-15	40	30	270	256	243	227	206	183	144	3"	345

TECHNICAL DATA

MODEL	POWER		Q(m³/h-l/min)						Flange	G.W. KGS	
	HP	kW	25	30	35	40	45	50			55
			417	500	583	667	750	833			917
H(m)											
CHL 45-2	10	7.5	48	46	44	42	39	35	31	3.25"	110
CHL 45-3	15	11	71	69	66	63	58	53	47	3.25"	183
CHL 45-4	20	15	95	92	88	84	77	71	62	3.25"	197
CHL 45-5	25	18.5	118	115	110	105	97	89	78	3.25"	221
CHL 45-6	30	22	142	138	132	125	116	107	93	3.25"	261
CHL 45-7	40	30	165	161	154	146	135	125	109	3.25"	320
CHL 45-8	40	30	189	184	176	167	154	143	124	3.25"	324
CHL 45-9	50	37	212	207	198	188	174	161	140	3.25"	352
CHL 45-10	50	37	236	230	220	209	193	179	155	3.25"	355
CHL 45-11	60	45	259	253	242	230	213	197	171	3.25"	426
CHL 45-12	60	45	283	276	264	251	233	215	186	3.25"	432

MODEL	POWER		Q(m³/h-l/min)						Flange	G.W. KGS	
	HP	kW	25	30	35	40	45	50			55
			417	500	583	667	750	833			917
H(m)											
CHL 64-2	15	11	53	51	47	43	39	37	30	4"	182
CHL 64-3	15	18.5	80	76	71	65	60	56	46	4"	221
CHL 64-4	30	22	107	101	94	87	81	75	61	4"	258
CHL 64-5	40	30	135	128	119	109	103	94	78	4"	319
CHL 64-6	50	37	164	156	144	132	124	114	95	4"	349
CHL 64-7	60	45	193	184	170	155	146	135	112	4"	420
CHL 64-8	60	45	220	211	195	179	168	156	130	4"	424

MODEL	POWER		Q(m³/h-l/min)						Flange	G.W. KGS	
	HP	kW	50	60	70	80	90	100			110
			833	1000	1167	1333	1500	1667			1833
H(m)											
CHL 90-2	20	15	53	50	47	44	39	36	30	4"	192
CHL 90-3	30	22	81	77	72	67	61	55	48	4"	252
CHL 90-4	40	30	110	105	100	92	83	76	66	4"	312
CHL 90-5	50	37	139	131	124	115	104	94	83	4"	336
CHL 90-6	60	45	168	160	150	141	126	117	103	4"	407



TECHNICAL DATA

MODEL	POWER		Q(m³/h-L/min)							Flange	G.W. KGS	
	HP	kW	1	1.2	1.6	2	2.4	2.8	3.2			3.5
			16	20	26	33	42	46	53			58
			H(m)									
CHL 2-2	0.5	0.37	18	17	16	15	13	12	10	8	1.25"	20
CHL 2-3	0.5	0.37	27	26	24	22	20	18	15	12	1.25"	20
CHL 2-4	0.75	0.55	36	35	33	30	26	24	20	16	1.25"	22
CHL 2-5	0.75	0.55	45	43	40	37	33	30	24	20	1.25"	23
CHL 2-6	1	0.75	53	52	50	45	40	36	30	24	1.25"	26
CHL 2-7	1	0.75	63	61	57	52	47	41	35	28	1.25"	26
CHL 2-9	1.5	1.1	80	78	73	67	61	54	45	37	1.25"	28
CHL 2-11	1.5	1.1	98	95	89	82	73	64	54	44	1.25"	29
CHL 2-13	2	1.5	116	114	106	98	89	78	65	52	1.25"	35
CHL 2-15	2	1.5	134	130	123	112	100	90	73	60	1.25"	36
CHL 2-18	3	2.2	161	157	148	136	121	108	91	76	1.25"	41
CHL 2-22	3	2.2	197	192	180	165	148	130	110	90	1.25"	42
CHL 2-26	4	3	232	228	214	198	179	158	130	110	1.25"	52

MODEL	POWER		Q(m³/h-L/min)							Flange	G.W. KGS
	HP	kW	1.5	2	3	4	5	6	7		
			25	33	50	67	83	100	117		
			H(m)								
CHL 4-2	0.5	0.37	19	18	17	15	13	10	8	1.25"	21
CHL 4-3	0.75	0.55	28	27	26	24	20	18	13	1.25"	22
CHL 4-4	1	0.75	38	36	34	32	27	24	19	1.25"	25
CHL 4-5	1.5	1.1	47	45	43	40	34	31	23	1.25"	27
CHL 4-6	1.5	1.1	56	54	52	48	41	37	28	1.25"	27
CHL 4-7	2	1.5	66	63	61	56	48	43	33	1.25"	33
CHL 4-8	2	1.5	74	72	70	64	55	50	38	1.25"	33
CHL 4-10	3	2.2	96	90	87	81	71	62	48	1.25"	37
CHL 4-12	3	2.2	114	108	104	95	85	75	58	1.25"	38
CHL 4-14	4	3	136	126	122	112	101	89	68	1.25"	46
CHL 4-16	4	3	152	144	140	129	115	101	78	1.25"	48
CHL 4-19	5.5	4	183	171	168	153	137	122	93	1.25"	57
CHL 4-22	5.5	4	211	200	192	178	160	138	108	1.25"	59

MODEL	POWER		Q(m³/h-L/min)							Flange	G.W. KGS	
	HP	kW	5	6	7	8	9	10	11			12
			83	100	117	133	150	167	183			200
			H(m)									
CHL 8-2	1	0.75	20	19.5	19	18	17	16	14	13	2"	32
CHL 8-3	1.5	1.1	30	29.5	28.5	27	25	24	21	19	2"	34
CHL 8-4	2	1.5	41	39.5	38	36	34	32	28	26	2"	40
CHL 8-5	3	2.2	52	50	48	45	42	40	36	32	2"	44
CHL 8-6	3	2.2	62	60	57	54	51	48	43	39	2"	45
CHL 8-8	4	3	83	80	77	73	69	65	58	52	2"	53
CHL 8-10	5.5	4	104	100	97	92	87	81	73	65	2"	64
CHL 8-12	5.5	4	124	120	116	111	104	92	87	78	2"	66
CHL 8-14	7.5	5.5	145	141	136	130	122	113	102	92	2"	81
CHL 8-16	7.5	5.5	166	161	156	148	139	130	118	106	2"	84
CHL 8-18	10	7.5	187	182	175	167	157	146	134	120	2"	93
CHL 8-20	10	7.5	208	202	195	186	175	163	150	135	2"	94