

GFLUGO

Technical Catalogue



CL Series

Liquid Ring Vacuum Pumps

CL Series Cone Vacuum Pumps

The suction capacity of CL series vacuum pump can reach 1200m³/h, with minimum suction pressure 100mbar.a. If it is used as compressor, the outlet pressure reaches 0.11MPa.G.

Product Features

They are able to work in the situation that the suction port has excessive liquid.

- They are able to work in the situation that the suction port contains solid particles.
- If the gas is corrosive, the material of CL pump is optional, including several kinds of stainless steel, for different corrosion resistant occasions.
- When the gas is vapor in vacuum state, CL vacuum pump can be used as condenser. The condensate in the heat exchanger is the working liquid of pump, some of which can be injected into pump before suction port, to condense the saturated vapor. This will improve the pump's performance and efficiency.



Fields of application

Vacuum for power plant condenser
Wet flue gas desulfurization equipment of coal-fired power plant
Compression of special inflammable and explosive gases
Compression of ozone
Reduced pressure distillation
Vacuum dehydration
Vacuum filtration
Vacuum extrusion/Vacuum forming
Vacuum impregnation
Vacuum extraction
Paper making
Common industry

CL Technical Parameters

Type	Ultimate vacuum	Speed	Max Capacity	Shaft Power	Motor Power	Inlet diameter	Outlet diameter	Water Supply
	hPa	r/min	m ³ /h	kW	kW	mm	mm	m ³ /h
CL701	440	800	860	13	15	100	80	2.1
		890	1050	17	22	100	80	2.6
		980	1180	20	22	100	80	2.8
		1050	1320	22	30	100	80	3.2
		1170	1440	25	30	100	80	3.5
CL702	200	890	960	20	30	100	80	2.4
		980	1140	23	30	100	80	2.8
		1050	1250	26.5	37	100	80	3.0
		1170	1380	30.5	37	100	80	3.6
CL703	80	890	840	22.1	30	100	80	2.8
		980	980	26	30	100	80	3.2
		1050	1120	30	37	100	80	3.5
		1170	1240	36.8	45	100	80	3.6
CL1001	440	630	1380	26	30	150	125	3.3
		690	1560	30	37	150	125	4.4
		770	1620	35	45	150	125	4.9
		820	1720	47	55	150	125	5.2
		880	1920	48	55	150	125	5.5
CL1002	200	690	1440	38	45	150	125	3.3
		770	1560	41.5	55	150	125	4.4
		820	1680	44	55	150	125	5.2
		880	1920	47	55	150	125	5.5

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Type	Ultimate vacuum	Speed	Max Capacity	Shaft Power	Motor Power	Inlet diameter	Outlet diameter	Water Supply
	hPa	r/min	m ³ /h	kW	kW	mm	mm	m ³ /h
CL1003	80	690	1320	35	45	150	125	4.4
		770	1440	42	55	150	125	5.2
		820	1560	49	55	150	125	5.5
		880	1740	55	75	150	125	5.8
CL2001	440	450	2760	49	55	200	150	7.9
		500	3060	57	75	200	150	8.9
		550	3330	65	75	200	150	10
		590	3570	77	90	200	150	10.6
		640	3750	96	110	200	150	10.8
CL2002	200	450	2760	44	55	200	150	8.1
		500	2900	52	75	200	150	9.2
		550	3080	66	75	200	150	10.2
		590	3270	77	90	200	150	10.8
		640	3440	85	110	200	150	11.0
CL2003	80	450	2280	55	75	200	150	8.2
		500	2550	62	75	200	150	9.2
		550	2850	70	90	200	150	10.5
		590	3240	80	90	200	150	11.0
		640	3540	99	110	200	150	11.2
CL3001	440	400	4440	71	90	250	200	11.4
		450	4800	92	110	250	200	11.7
		500	5130	111	132	250	200	12.2

CL Technical Parameters

Type	Ultimate vacuum	Speed	Max Capacity	Shaft Power	Motor Power	Inlet diameter	Outlet diameter	Water Supply
	hPa	r/min	m ³ /h	kW	kW	mm	mm	m ³ /h
CL3001	440	530	5370	130	160	250	200	13.0
CL3002	200	400	4110	75	90	250	200	13.5
		450	4710	92	110	250	200	14.2
		500	4920	115	132	250	200	14.9
		530	5460	123	160	250	200	15.5
CL3003	80	400	4200	92	110	250	200	14.0
		450	4500	102	132	250	200	14.6
		500	4740	108	132	250	200	15.3
		530	4980	115	132	250	200	16.0
CL4001	440	300	5520	72	90	300	250	7.8
		327	5940	88	110	300	250	8.2
		360	6360	105	132	300	250	10.5
		400	7200	153	160	300	250	11.0
		450	8160	166	185	300	250	11.2
CL4002	200	327	5400	94	110	300	250	16.7
		360	6300	110	132	300	250	18.5
		400	6900	135	160	300	250	19.3
		450	7620	157	185	300	250	20.5
CL4003	80	327	4920	102	110	300	250	17.8
		360	5520	130	160	300	250	19.1
		400	6420	155	185	300	250	20.4
		450	7440	179	200	300	250	22.0



CL Series - Liquid Ring Vacuum Pump

Authorized Distributor