

CNL SERIES

Single Stage Water Ring Vacuum Pump



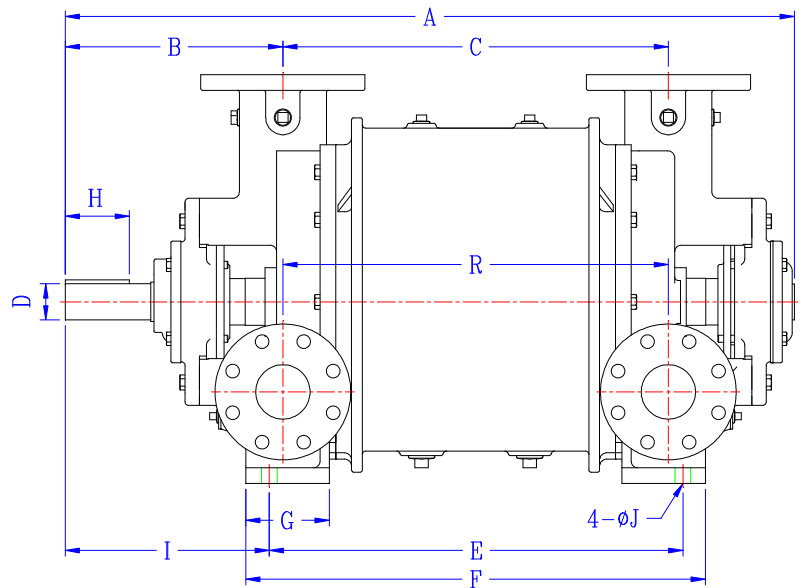
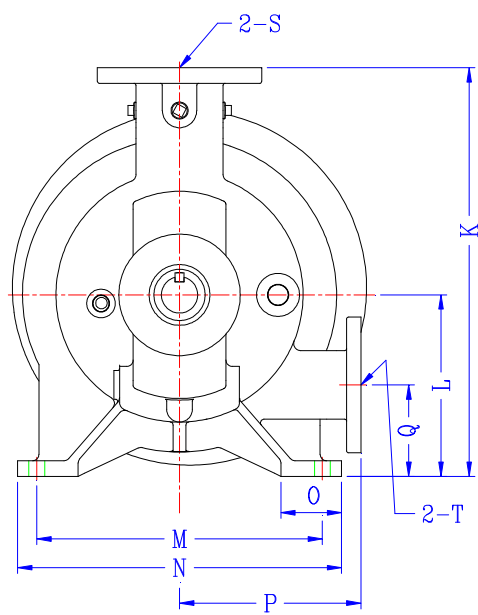
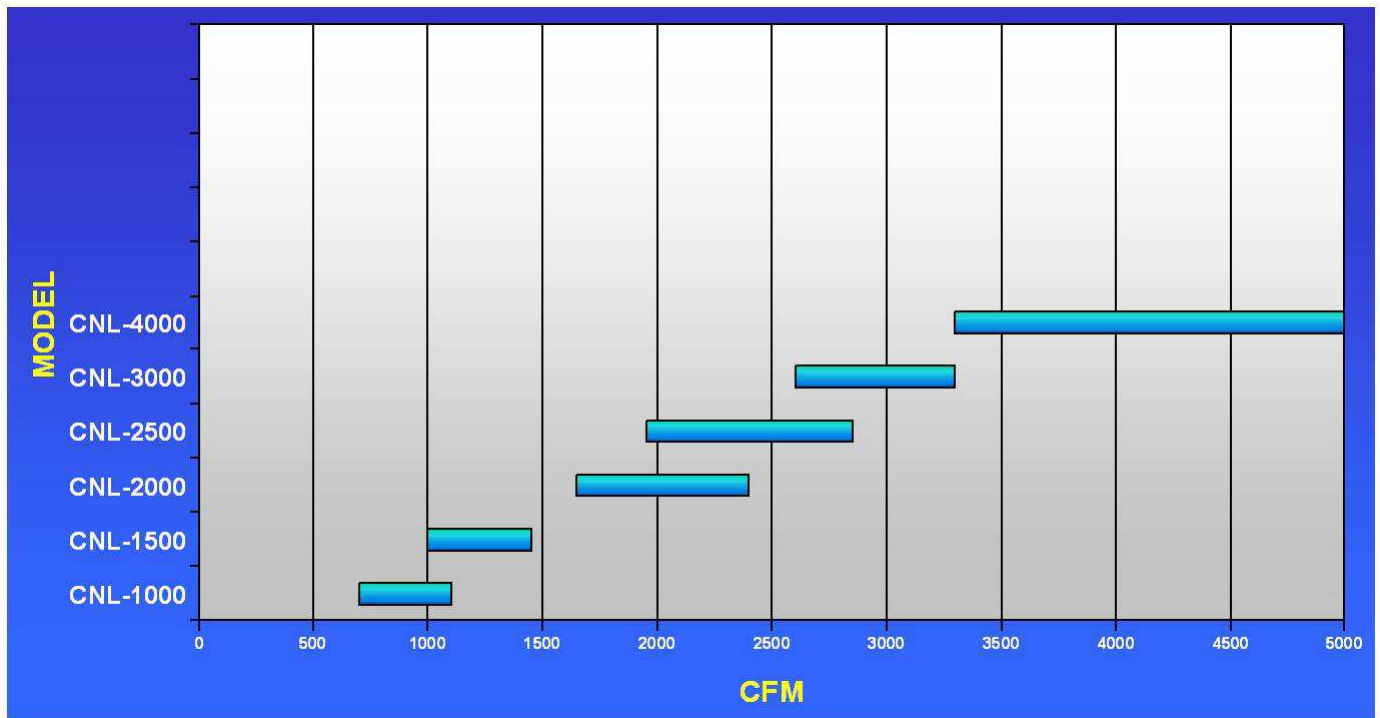
Technical Data	
Pump type	CNL SERIES
Capacity CFM	700~5000
Noise dB(A)*	78~88
Weight KGs	145~8500

* With silencer and after inlet and outlet piping in 200Torr.

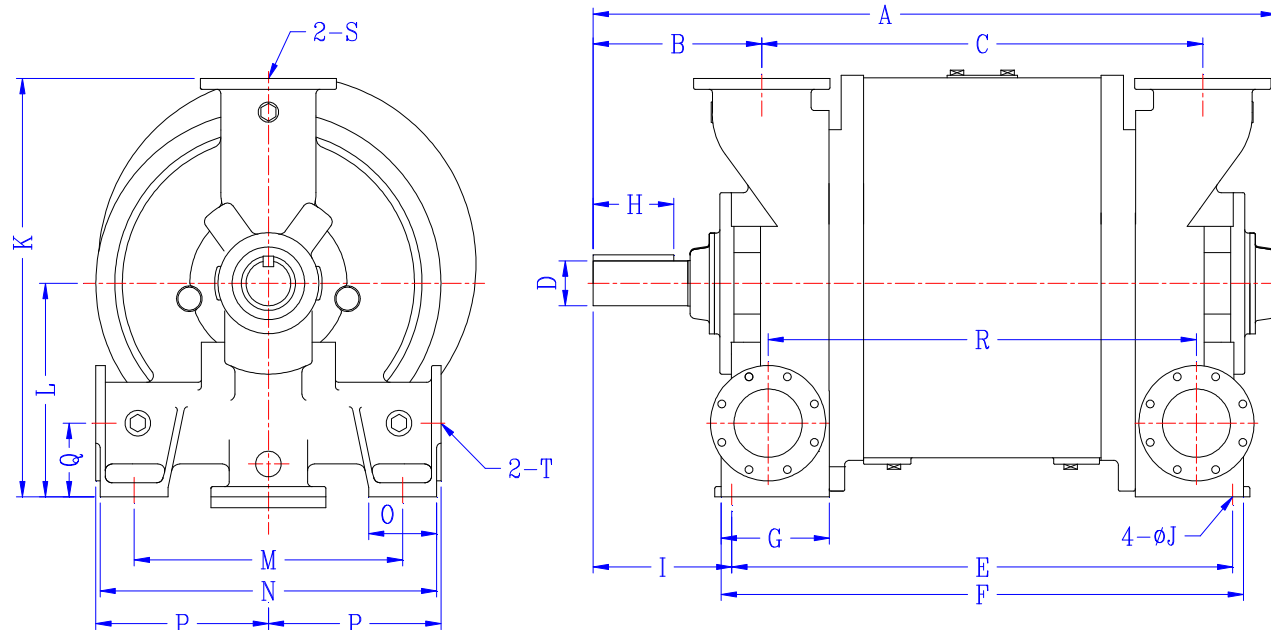
Model Order Code		
CNL - 1 0 0 0 FCD 1M		
CN	CUTES Liquid Ring Vacuum Pump with Cone design (Single Stage)	
L	Pump with Unloading Valve design	
1000	Capacity 1000CFM	
FCD	Material Construction Code. Ref. below table	
1M	Seal	Empty : Gland Packing 1M : Single Mech. Seal 2M: Double Mech. Seal

Parts Name	FCD	STD	BVC	FXE4	XVE4	XVS	SS4	PVC	PVS	SS6
Cones	FC25	FC25	SCS13	FC25	SCS13	SCS13	SCS13	SCS14	SCS14	SCS14
Head	FC25	FC25	FC25	FC25	FC25	FC25	SCS13	FC25	FC25	SCS14
Housing	FC25	FC25	FC25	FC25	FC25	SCS13	SCS13	FC25	SCS14	SCS14
Lining	----	----	----	304SS	304SS	----	----	----	----	----
Shaft	S45C	S45C	SS410	S45C	SS410	SS410	SS410	SS410	SS410	SS410
Cladding Plate	----	----	----	304SS	304SS	304SS	----	316SS	316SS	----
Bearing Bracket	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40	FCD40
Bearing Cap	FC25	FC25	FC25	FC25	FC25	FC25	FC25	FC25	FC25	FC25
Rotor	FCD40	SCS13	SCS13	FCD40	SCS13	SCS13	SCS13	SCS14	SCS14	SCS14

Capacity

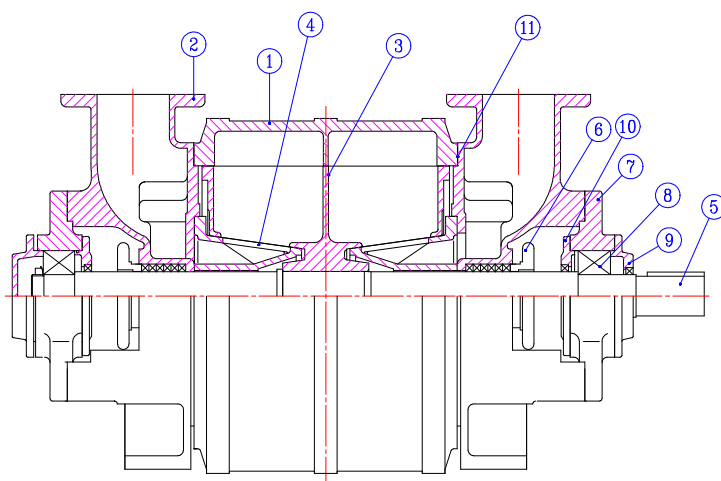


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	Piping
CNL-1000	1216	327	680	69.85	632	708	116	120	351	25	660	305	419	480	88	317	194	680	5"	4"	1"
CNL-1500	1330	347	830	76.2	724	858	116	140	400	25	660	305	419	480	88	317	194	830	5"	4"	1"



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	Piping
CNL-2000	1508	400	908	92.075	1044	1158	203	200	332	32	914	432	622	750	126	381	216	912	6"	5"	1"
CNL-2500	1640	400	1038	95.25	1174	1288	203	200	332	32	914	432	622	750	126	381	216	1042	6"	5"	1"
CNL-3000	1733	464	1028	101.6	1232	1344	222	228	362	32	1118	533	711	864	146	444	178	1054	8"	6"	1"
CNL-4000	2036	502	1314	133.3	1492	1582	305	282	413	32	1244	635	800	1003	203	514	219	1276	10"	8"	1.5"

Section Drawing



Items	Name	No.
1	Housing	1
2	Heads	2
3	Impeller	1
4	Cones	2
5	Shaft	1
6	Packing Gland	1 set
7	Bearing Carrier	2
8	Bearing	2
9	OB Cap.	2
10	IB Cap	2
11	Gasket	1 set

Exploded View

Items	Name
1	Bearing Carrier
2	Heads with cones
3	Rotor
4	Housing

