

ACRP Pump Package

Features

- Completely self contained
- Designed for long life
- Deeper vacuum levels than with water-sealed systems
- Completely recirculated sealing fluid
- Easy to install and maintain
- Fully assembled

Kinney Air-cooled Liquid Ring Vacuum Pump Systems are fully assembled with all interconnecting piping and are fully tested and painted before shipment. They consist of a single liquid ring vacuum pump with mechanical seals and the following system components:

- Air-seal fluid heat exchanger
- Seal line thermometer, valve and compound pressure gauge
- Steel exhaust separator tank
- Discharge seal liquid mist eliminator with return line
- Drive motor TEFC

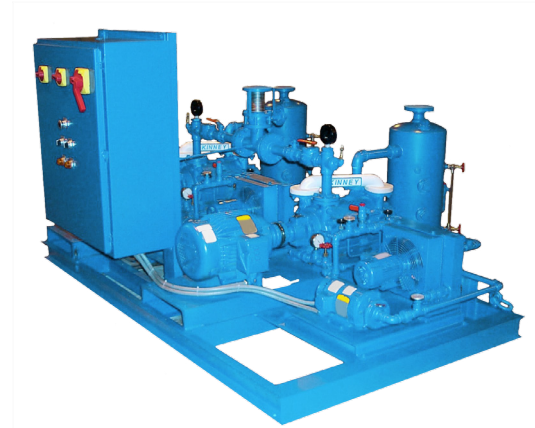
Specifications

ACRP	75	100	125	200	300	525	526
Vacuum Pump Motor	5	7.5	10	15	25	50	40
Fan Motor	1/4	1/4	1/3	1/3	1/2	1	1
Circulating Pump Motor (Glycol)	3/4	3/4	3/4	1/2	1	1 1/2	1 1/2
Fan Motor (Oil)	1/4	1/4	1/3	1/2	1/2	1	1
Circulating Pump Motor (Oil)	3/4	3/4	3/4	1 1/2	1 1/2	1 1/2	1 1/2
Inlet Connection (Flange)	1 1/2	1 1/2	1 1/2	2	2	3	3

Performance Data

Typical Pumping Capacity in ACFM of AIR (Ambient Temperature of 90° of Less.)

		75	100	125	200	300	525	526
Pressure 760	Vacuum 0	60	70	90	140	160	350	310
mm Hg abs 633	inches Hg 5	62	71	92	150	185	380	325
506	10	63	77	96	165	215	45	350
380	15	65	77	102	180	245	450	375
252	20	68	84	112	190	275	490	400
100	26	70	100	130	192	305	550	440
74	27	69	100	130	192	303	550	440
49	28	68	98	129	190	290	520	430
23	29	59	87	117	175	240	425	370
11	29.5	41	60	88	110	145	260	250

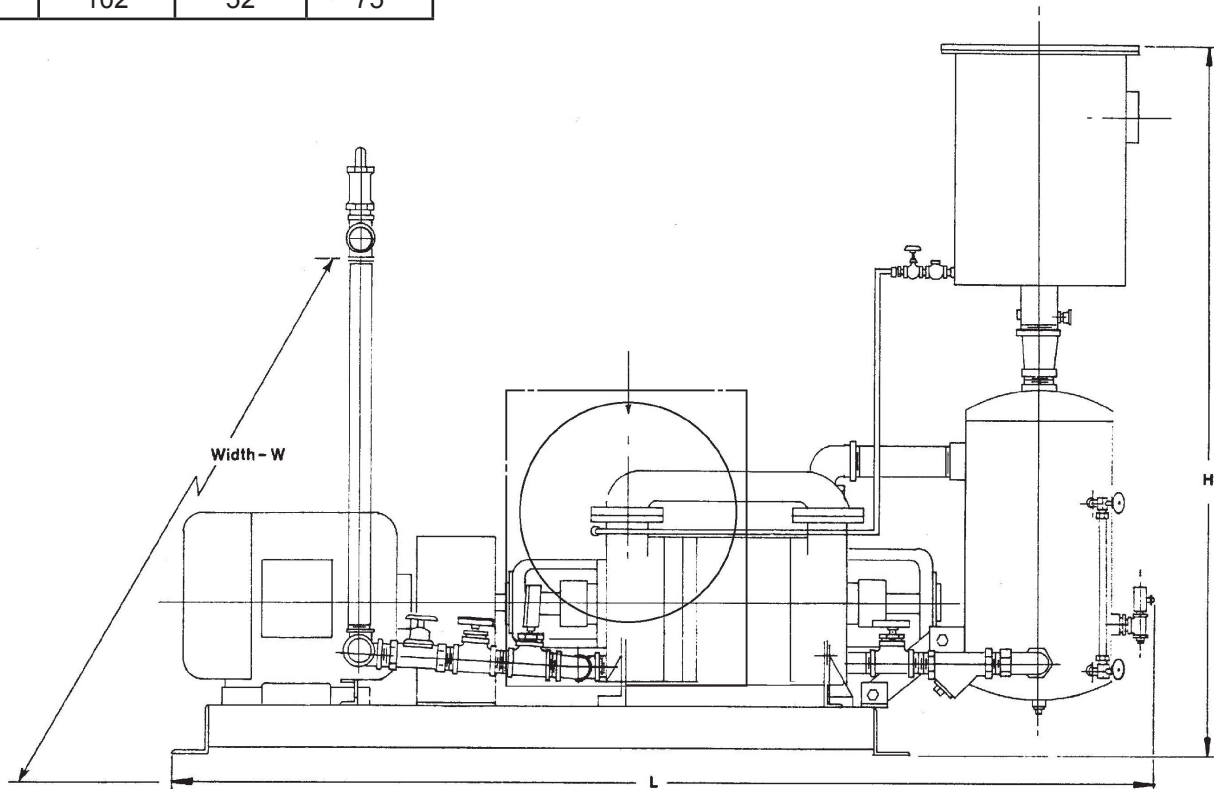


Optional Accessories

- Suction line flexible connector
- Suction line isolation valve
- Suction line anti-siphon check valve
- Vacuum gauge
- Vacuum relief valve
- Seal fluid level controls
- Receiver tanks
- Control panel

Dimensions (Inches)

Model	Length	Width	Height
75	70	30	43
100	73	41	51
125	73	41	51
200	82	48	58
300	82	48	58
525	86	76	75
526	102	52	75



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