

KINNEY®

# CVP CENTRAL LIQUID RING VACUUM SYSTEM

AF™ Series CVP Central Vacuum Systems

## Features

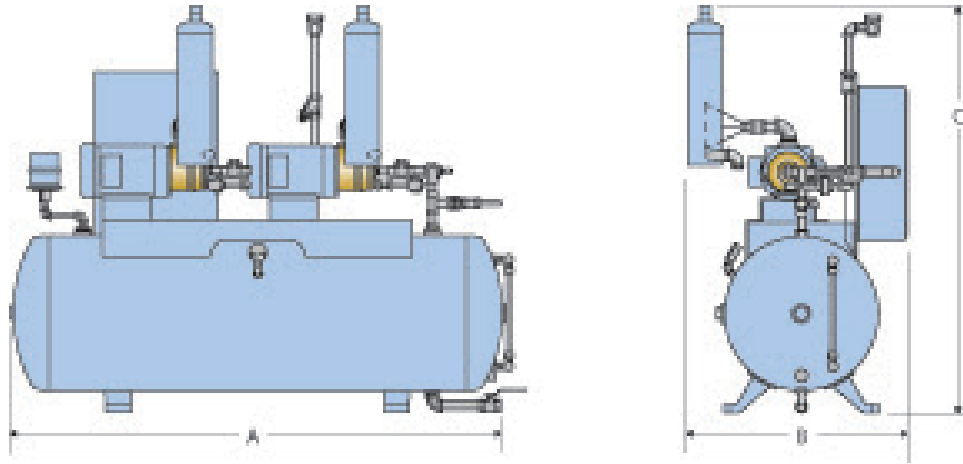
- “Abuser-friendly” axial flow pump design
- Quiet, vibration-free operation
- Bronze construction liquid ring pumps, TEFC motor(s)
- Galvanized steel ASME code (100 PSIG [6.89 bar g]) vacuum receiver
- Air discharge water separator silencers for quiet operation
- Flow ranges:
  - Simplex: 10 - 125 CFM (17 - 212 m³/h)
  - Duplex: 20 - 250 CFM (34 - 425 m³/h)
- Fully instrumented including:
  - Adjustable vacuum switch
  - NEMA 4 control panel
  - Tank level sight gauge
  - Thermostatic valve
  - Solenoid valve
  - Vacuum gauge



CVP Central Vacuum Systems provide a remote supply of plant vacuum which can be located away from the production area or vacuum outlets, thus reducing noise and heat in the work area. The systems feature the “A” Series single-stage liquid ring pumps in either a simplex (one pump) or duplex (two pumps) design. The energy-efficient systems are designed to operate automatically, with the pump(s) starting when the plant vacuum demand increases, and stopping when the demand is met. Vacuum is maintained by means of pressure switches which cycle the pump(s). These systems require only water and electric power connections. A solenoid valve on the seal water line provides water whenever the pump(s) cycle.

### Typical Applications:

- Medical/Dental Vacuum
- Laboratory Vacuum
- Vacuum Priming
- Vacuum Packaging
- Vacuum Pressure Impregnation
- Food Processing



## Specifications

MODEL	CFM at vacuum in Hg				SIMPLEX / DUPLEX	Motor		TANK CAP-GALS	Dimensions - Inches			WGT. LBS/KG
	15	20	25	28		HP	RPM		A	B	C	
<b>CVP010</b>	15	15	14	10	SIMPLEX	1 1/2	3550	80	63	30	58	335/152
<b>CVP015</b>	20	20	20	13	SIMPLEX	2	3550	80	63	30	58	345/157
<b>CVP020</b>	32	32	32	17	SIMPLEX	3	3550	80	63	30	58	350/159
<b>CVP075</b>	72	72	72	45	SIMPLEX	5	1750	120	69	33	62	550/250
<b>CVP100</b>	105	105	102	60	SIMPLEX	7 1/2	1750	120	69	33	62	590/268
<b>CVP130</b>	125	125	118	65	SIMPLEX	10	1750	120	69	33	62	620/282
<b>CVP010</b>	30	30	28	20	DUPLEX	2 x 1 1/2	3550	80	63	30	58	410/186
<b>CVP015</b>	40	40	40	26	DUPLEX	2 x 2	3550	80	63	30	58	430/195
<b>CVP020</b>	64	64	64	34	DUPLEX	2 x 3	3550	120	69	33	62	570/259
<b>CVP075</b>	144	144	144	90	DUPLEX	2 x 5	1750	120	69	33	62	710/323
<b>CVP100</b>	210	210	204	120	DUPLEX	2 x 7 1/2	1750	200	72	36	68	1000/454
<b>CVP130</b>	250	250	236	130	DUPLEX	2 x 10	1750	200	72	36	68	1060/482

Your Local Tuthill Vacuum & Blower Systems Sales Professional:



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