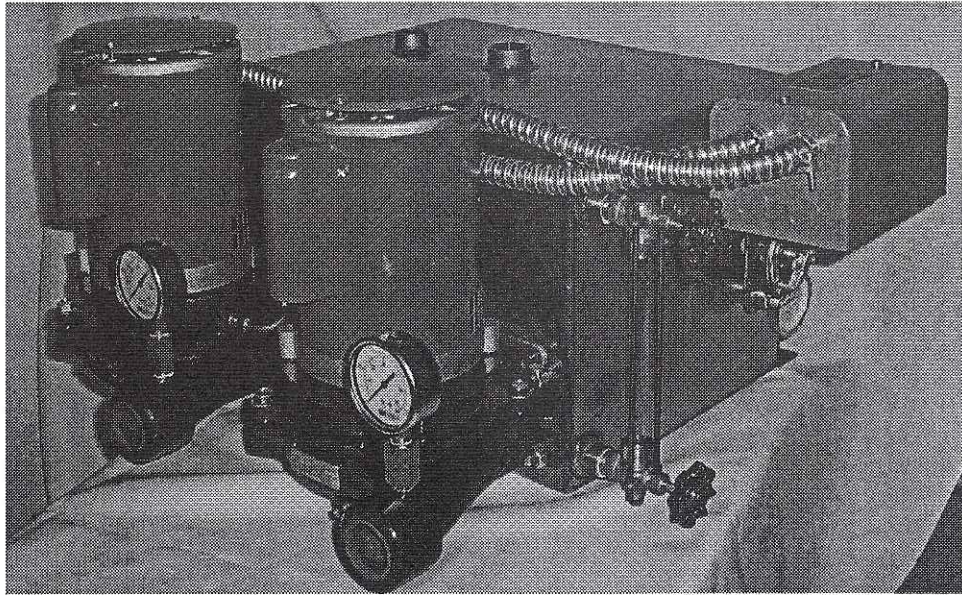


# RUSSELL PUMP & ENGINEERING

## Series CVA Condensate Return systems



ALL UNITS ARE SIZED 3X THE CONDENSING RATE  
Made in USA

### STANDARD FEATURES

- RECEIVER TANKS**
- 304 stainless steel construction for lifetime service
  - Available in 10, 24, 44, 70 and 100 gallon sizes
  - All units utilize gauge glass and thermometers and discharge pressure gauges with shutoff valves as standard (shipped loose)
  - 24 gallon and larger tanks have studs on the top to allow for the mounting of a customer supplied control panel
  - Vented tanks are designed for gravity return systems

### MOTORS

- Drip-proof 3500 RPM NEMA motors have dual deep groove ball bearings and stainless steel shaft
- Single phase motors thru 2HP are 115/208-230 Volt 60HZ; 3HP is 230 Volt only. All single phase motors have built-in overload protection
- Three phase motors are 208-230/460 Volt 60HZ. All three phase motors must be installed with a magnetic starter which provides overload protection

- PUMPS**
- Vertical flange-mounted centrifugal pumps are bronze fitted with mechanical seals rated to 225°F
  - Each pump utilizes a vented and flushed seal area
  - The hydraulic design allows for non-overloading performance at the listed ratings
  - Pumps are fitted with vacuum cast bronze impellers for smooth, quiet operation
  - All pumps utilize a back pull-out design which allows for servicing without disturbing piping
  - Every pump is factory tested

### OPTIONAL FEATURES

- \* Basket Strainers
- \* Y Strainers
- \* Suction isolation valves
- \* TEFC and X-Proof motor enclosures
- \* Various mechanical seal upgrades

EDR Sq. Feet	Pump Capacity GPM	Disch. Press. PSIG	Motor HP 3450 RPM	Phase	Disch. Size	Simplex Catalog	Duplex Catalog	Receiver Size	Inlet Size	Inlet Height
1,000 thru 6,000	9	10	1/3	1	1-1/4"	610CVAS1	610CVAD1	10	2"	9"
		10	1/3	3		610CVAS3	610CVAD3			
		20	1/3	1		620CVAS1	620CVAD1			
		20	1/3	3		620CVAS3	620CVAD3			
		30	1/2	1		630CVAS1	630CVAD1			
		30	1/2	3		630CVAS3	630CVAD3			
		40	3/4	1		640CVAS1	640CVAD1			
		40	3/4	3		640CVAS3	640CVAD3			
10,000	15	10	1/3	1	1-1/4"	1010CVAS1	1010CVAD1	24	4"	15-1/2"
		10	1/3	3		1010CVAS3	1010CVAD3			
		20	1/3	1		1020CVAS1	1020CVAD1			
		20	1/3	3		1020CVAS3	1020CVAD3			
		30	1/2	1		1030CVAS1	1030CVAD1			
		30	1/2	3		1030CVAS3	1030CVAD3			
		40	1	1		1040CVAS1	1040CVAD1			
		40	1	3		1040CVAS3	1040CVAD3			
15,000	22-1/2	10	1/3	1	1-1/4"	1510CVAS1	1510CVAD1	24	4"	15-1/2"
		10	1/3	3		1510CVAS3	1510CVAD3			
		20	1/2	1		1520CVAS1	1520CVAD1			
		20	1/2	3		1520CVAS3	1520CVAD3			
		30	3/4	1		1530CVAS1	1530CVAD1			
		30	3/4	3		1530CVAS3	1530CVAD3			
		40	1	1		1540CVAS1	1540CVAD1			
		40	1	3		1540CVAS3	1540CVAD3			
20,000	30	10	1/3	1	1-1/4"	2010CVAS1	2010CVAD1	24	4"	15-1/2"
		10	1/3	3		2010CVAS3	2010CVAD3			
		20	1/2	1		2020CVAS1	2020CVAD1			
		20	1/2	3		2020CVAS3	2020CVAD3			
		30	3/4	1		2030CVAS1	2030CVAD1			
		30	3/4	3		2030CVAS3	2030CVAD3			
		40	1	1		2040CVAS1	2040CVAD1			
		40	1	3		2040CVAS3	2040CVAD3			
25,000	37-1/2	10	1/2	1	1-1/4"	2510CVAS1	2510CVAD1	44	4"	15-1/2"
		10	1/2	3		2510CVAS3	2510CVAD3			
		20	3/4	1		2520CVAS1	2520CVAD1			
		20	3/4	3		2520CVAS3	2520CVAD3			
		30	1	1		2530CVAS1	2530CVAD1			
		30	1	3		2530CVAS3	2530CVAD3			
		40	1-1/2	1		2540CVAS1	2540CVAD1			
		40	1-1/2	3		2540CVAS3	2540CVAD3			
30,000	45	10	1/2	1	1-1/4"	3010CVAS1	3010CVAD1	44	4"	15-1/2"
		10	1/2	3		3010CVAS3	3010CVAD3			
		20	3/4	1		3020CVAS1	3020CVAD1			
		20	3/4	3		3020CVAS3	3020CVAD3			
		30	1-1/2	1		3030CVAS1	3030CVAD1			
		30	1-1/2	3		3030CVAS3	3030CVAD3			
		40,000	60	10		1	1			
10	1	3	4010CVAS3	4010CVAD3						
20	1-1/2	1	4020CVAS1	4020CVAD1						
20	1-1/2	3	4020CVAS3	4020CVAD3						
50,000	75	20	1-1/2	1	1-1/4"	5020CVAS1	5020CVAD1	70	4"	15-1/2"
		20	1-1/2	3		5020CVAS3	5020CVAD3			