

TYPE

.....
VRC

**CONDENSATION
RETURN UNITS**



Condensate return units, 1/4 to 2 hp, 6
and 10 gallon cast iron receivers.

HIGHLIGHTS

-  6 and 10 Gallon Receivers
-  1750 or 3450 rpm Operation
-  To 10,000 sq. ft. edr
-  To 70 psi Discharge Pressure
-  Completely Assembled
-  Controls Mounted and Wired

FEATURES

RECEIVER: Single piece cast iron. Rated for a maximum internal pressure of 5 psi. Designed for venting to atmosphere.

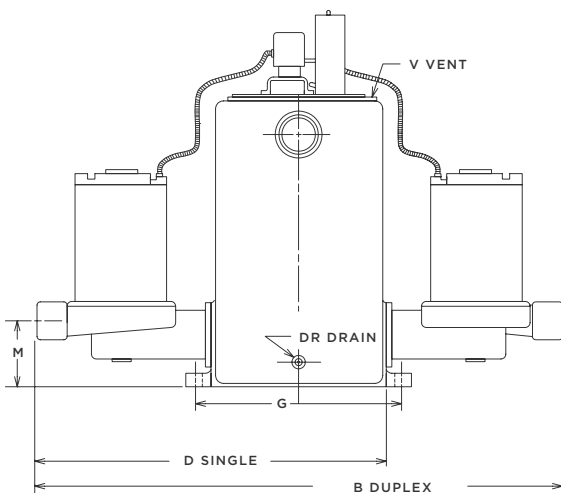
PUMP: Bronze-fitted centrifugal design, flanged to the receiver, with leakless mechanical seal. The seal chamber has a relief line back into the receiver to prevent air pockets or collection of abrasives near the mechanical seal. The motor and rotating assembly are removable without disturbing the return or discharge piping. Maximum water temperature at the pump suction is 210 degrees F.

MOTOR: Drip-proof ball bearing design, operating at 3450 rpm or 1750 rpm Single phase motors are rated 115/230v. Three phase motors are rated 208-230/460v.

FLOAT SWITCH: Single units have a float switch (mounted and wired on the unit) to automatically operate the pump. Duplex units have an alternating float switch (mounted and wired on the unit) to automatically alternate the operating cycles of the pumps and provide simultaneous operation when required.

MOTOR PROTECTION: 1-phase motors (up thru 1 HP) have built-in overload protection. 3-phase units (and 1-phase over 1 hp) are furnished with a magnetic starter for each motor, mounted on the unit and wired to the motor and float switch.

MODIFICATIONS: Inlet strainer, gauge glass, thermometer, combination starters, starter modifications, pump discharge pressure gauges, duplex control panels, totally enclosed or explosion-proof motors and controls.

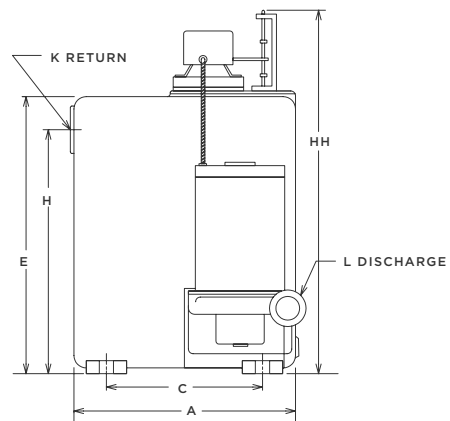


Selection Table										
Unit No.	Max. Sq. Ft. Direct Radiation	Equiv. Boiler HP	Radiation will Condense GPM	Pump Capacity GPM	Disch. Press. at Pump PSI	Motor HP	Motor RPM	Receiver Cap. (Gallons)		Pump
								Single Unit	Duplex Unit	
VRC-210-2	2000	15	1	3	10	0.33	3450	6	6	1-1/4CCF
VRC-220-2					20	0.33	3450			1-1/4CCF
VRC-230-2					30	0.5	3450			1-1/4CCF
VRC-240-2					40	0.75	3450			1-1/4CCF
VRC-250-2					50	1	3450			1-1/4CCF
VRC-260-2					60	1.5	3450			1CGF
VRC-270-2					70	2	3450			1CGF
VRC-610-2	6000	43	3	9	10	0.33	3450	6	6	1-1/4CCF
VRC-620-2					20	0.33	3450			1-1/4CCF
VRC-630-2					30	0.5	3450			1-1/4CCF
VRC-640-2					40	0.75	3450			1-1/4CCF
VRC-650-2					50	1	3450			1-1/4CCF
VRC-660-2					60	1.5	3450			1CGF
VRC-670-2					70	2	3450			1CGF
VRC-1010-2	10,000	72	5	15	10	0.33	3450	10	10	1-1/4CCF
VRC-1020-2					20	0.33	3450			1-1/4CCF
VRC-1030-2					30	0.5	3450			1-1/4CCF
VRC-1040-2					40	0.75	3450			1-1/4CCF
VRC-1050-2					50	1	3450			1-1/4CCF
VRC-1060-2					60	1.5	3450			1CGF
VRC-1070-2					70	2	3450			1CGF
VRC-210-4	2000	15	1	3	10	0.25	1750	6	6	1-1/4CCF
VRC-215-4					15	0.33	1750			1-1/4CCF
VRC-220-4					20	0.5	1750			1CGF
VRC-610-4	6000	43	3	9	10	0.25	1750	6	6	1-1/4CCF
VRC-615-4					15	0.33	1750			1-1/4CCF
VRC-620-4					20	0.5	1750			1CGF
VRC-1010-4	10000	72	5	15	10	0.25	1750	10	10	1-1/4CCF
VRC-1015-4					15	0.33	1750			1-1/4CCF
VRC-1020-4					20	0.5	1750			1CGF

Dimensions Table															
Tank Cap. Gal.	Pump	A	B	C*	D	DR	E	G*	H	HH*	K	L	L-Type	M	V
6	1-1/4 CCF	9.5	31	11	20.5	0.5	17	0	16	24	2	1.25	SCREWED	3.13	1
6	1 CGF	9.5	40.5	11	25.25	0.5	17	0	16	24	2	1	FLANGED	5.75	1
10	1-1/4 CCF	14	31	10.5	20.5	0.5	17	12	16	24	2	1.25	SCREWED	3.13	1
10	1 CGF	14	40.5	10.5	25.25	0.5	17	12	16	24	2	1	FLANGED	5.75	1

* Every tank has two bolt-down legs. On the 6-gallon tank, both legs are on the tank centerline. On the 10-gallon tank, the legs are in diagonal corners.

** Overall unit height may be increased by the mounting of motor starters or control panel on the unit.



ADDRESS: 1144 Utica Avenue, Brooklyn, NY 11203 TEL: (718) 451-2000 URL: federalpumps.com