



Pump Sizing Selection Tables "V" Series

Capacity Sq. Ft. E.D.R.	Capacity G.P.M.	Dish pressure psi g	1750 R.P.M. Units			3500 R.P.M. Units			* Receiver Size (condensate units)			
			Catalog No.	Motor H.P.	Dish. size	Catalog No.	Motor H.P.	Dish. Size	Cast Iron		Steel	
									Return capacity	Size	Return capacity	Size
1,000	1½	10	VCS-1100-3.00	⅓	1¼"				15 or 21	2"	21	2½"
		15	VCS-1100-2.00	⅓	1¼"	VJS-1000-1.10	½	1¼"				
		20	VCS-1100-1.00	⅓	1¼"	VJS-1000-1.10	½	1¼"				
		30				VCS-1000-3.04	¾	1¼"				
						VJS-1000-1.05	½	1¼"				
		40				VCS-1000-3.00	1	1¼"				
						VJS-1000-1.02	¾	1¼"				
		50				VCS-1000-2.03	1½	1¼"				
				VJS-2000-1.02	1	1½"						
60				VCS-1000-2.00	2	1¼"						
75				VCS-1000-1.02	3	1¼"						
2,000	3	10	VCS-1100-3.00	⅓	1¼"				15 or 21	2"	21	2½"
		15	VCS-1100-2.00	⅓	1¼"	VJS-1000-1.10	½	1¼"				
		20	VCS-1100-1.00	⅓	1¼"	VJS-1000-1.10	½	1¼"				
		30				VCS-1000-3.04	¾	1¼"				
						VJS-1000-1.05	½	1¼"				
		40				VCS-1000-3.00	1	1¼"				
						VJS-1000-1.02	¾	1¼"				
		50				VCS-1000-2.03	1½	1¼"				
				VJS-2000-1.02	1	1½"						
60				VCS-1000-2.00	2	1¼"						
75				VCS-1000-1.02	3	1¼"						
4,000	6	10	VCS-1100-3.00	⅓	1¼"				15 or 21	2"	21	2½"
		15	VCS-1100-2.00	⅓	1¼"	VJS-1000-1.10	½	1¼"				
		20	VCS-1100-1.00	½	1¼"	VJS-1000-1.09	½	1¼"				
		30				VCS-1000-3.04	¾	1¼"				
						VJS-1000-1.05	½	1¼"				
		40				VCS-1000-3.00	1	1¼"				
						VJS-1000-1.02	¾	1¼"				
		50				VCS-1000-2.03	1½	1¼"				
				VJS-2000-1.02	1½	1½"						
60				VCS-1000-2.00	2	1¼"						
75				VCS-1000-1.02	3	1¼"						

Designates 2 Ft. NPSH Capability

* For boiler feed units, receiver size should be approximately 1 gallon of storage per boiler h.p.

Capacity Sq. Ft. E.D.R.	Capacity G.P.M.	Dish pressure psi g	1750 R.P.M. Units			3500 R.P.M. Units				* Receiver Size (condensate units)				
			Catalog No.	Motor H.P.	Dish. size	Catalog No.		Motor H.P.	Dish. Size	Cast Iron		Steel		
										Return capacity	Size	Return capacity	Size	
6,000	9	10	VCS-1100-3.00	½	1¼"					21	2"	21	2½"	
		15	VCS-1100-2.00	½	1¼"	VJS-1000-1.10		½	1¼"					
		20	VCS-1100-1.00	½	1¼"	VJS-1000-1.09	VNS-1000-1.12	½	1¼"					
		25	VES-1100-1.05	¾	1½"									
		30	VES-1100-1.01	1	1½"	VCS-1000-3.04	VNS-1000-1.06	¾	1¼"					
						VJS-1000-1.05		½	1¼"					
		40				VCS-1000-3.00	VNS-1000-1.00	1	1½"					1¼"
						VJS-1000-1.02		¾	1¼"					
		50				VCS-1000-2.03		1½	1¼"					
						VJS-2000-1.00		1½	1½"					
60				VCS-1000-2.00		2	1¼"							
75				VCS-1000-1.02		3	1¼"							
8,000	12	10	VCS-1100-3.00	½	1¼"					21	2"	21	2½"	
		15	VCS-1100-2.00	½	1¼"	VJS-1000-1.10		½	1¼"					
		20	VCS-1100-1.00	½	1¼"	VJS-1000-1.09		½	1¼"					
		25	VES-1100-1.05	¾	1½"									
		30	VES-1100-1.01	1	1½"	VCS-1000-3.04		¾	1¼"					
						VJS-1000-1.05		½	1¼"					
		40				VCS-1000-3.00		1	1¼"					
						VJS 1000-1.02		1	1¼"					
		50				VCS-1000-2.03		1½	1¼"					
						VJS-2000-1.00		1½	1½"					
60				VCS-1000-2.00		2	1¼"							
75				VCS-1000-1.02		3	1¼"							

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			Catalog No.	Motor H.P.	Dish. size	Catalog No.		Motor H.P.		Dish. Size	Cast Iron		Steel	
											Return capacity	Size	Return capacity	Size
10,000	15	10	VCS-1100-3.00	½	1¼"									
		15	VCS-1100-2.00	½	1¼"	VJS-1000-1.08		½		1¼"				
		20	VCS-1100-1.00	½	1¼"	VJS-1000-1.08	VNS-1000-1.12	½	½	1¼"				
		25	VES-1100-1.05	¾	1½"									
		30	VES-1100-1.01	1½	1½"	VCS-1000-3.04	VNS-1000-1.06	¾		1¼"				
						VJS-1000-1.05		¾		1¼"				
		40				VCS-1000-3.00	VNS-1000-1.00	1	1½	1¼"				
						VJS-1000-1.02		1		1¼"				
		50				VCS-1000-2.03		1½		1¼"				
						VJS-2000-1.00		1½		1½"				
60				VCS-1000-2.00		2		1¼"						
75				VCS-1000-1.02		3		1¼"						
15,000	22½	10	VCS-2100-1.09	½	1½"									
		15	VCS-1100-1.02	½	1¼"	VJS-1000-1.08		½		1¼"				
		20	VES-1100-1.07	¾	1½"	VJS-1000-1.07	VNS-1000-1.11	½		1¼"				
		25	VES-1100-1.05	1	1½"									
		30	VES-1100-1.01	1½	1½"	VCS-1000-3.03	VNS-1000-1.06	1		1¼"				
						VJS-1000-1.05		¾		1¼"				
		40				VCS-1000-3.00	VNS-1000-1.00	1½		1¼"				
						VJS-1000-1.02		1		1¼"				
		50				VCS-1000-2.03		2		1¼"				
						VJS-2000-1.00		1½		1½"				
60				VCS-1000-2.00		3		1¼"						
75				VCS-1000-1.02		3		1¼"						

21 2" 21 2½"

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Capacity Sq. Ft. E.D.R.	Capacity G.P.M.	Dish pressure psi g	1750 R.P.M. Units			3500 R.P.M. Units				* Receiver Size (condensate units)				
			Catalog No.	Motor H.P.	Dish. size	Catalog No.		Motor H.P.	Dish. Size	Cast Iron		Steel		
										Return capacity	Size	Return capacity	Size	
20,000	30	10	VCS-2100-1.09	½	1½"									
		15	VCS-1100-1.01	½	1¼"	VJS-1000-1.07		½	1¼"					
		20	VES-1100-1.07	¾	1½"	VJS-1000-1.06	VNS-1000-1.11	¾	1¼"					
		25	VES-1100-1.05	1	1½"									
		30	VES-1100-1.01	1½	1½"	VCS-1000-3.02	VNS-1000-1.04	1½	1	1¼"				
						VJS-1000-1.02		1	1¼"					
		40				VCS-1000-3.00	VNS-1000-1.00	1½	2	1¼"				
						VJS-2000-1.03		1½	1½"					
		50				VCS-1000-2.03		2	1¼"					
						VJS-2000-1.00		1½	1½"					
60				VCS-1000-2.00		3	1¼"							
75				VCS-1000-1.02		5	1¼"							
25,000	37½	10	VCS-2100-1.09	½	1½"									
		15	VES-1100-1.09	¾	1½"	VJS-1000-1.06		¾	1¼"					
		20	VES-1100-1.07	¾	1½"	VJS-1000-1.06		¾	1¼"					
		25	VES-1100-1.05	1½	1½"									
		30	VES-1100-1.01	1½	1½"	VCS-1000-3.02		1½	1¼"					
						VJS-1000-1.01		1	1¼"					
		40				VCS-1000-2.07		2	1¼"					
						VJS-2000-1.02		1½	1½"					
		50				VCS-2000-1.08		3	1½"					
		60				VCS-1000-1.05		3	1¼"					
75				VCS-2000-1.01		5	1¼"							
30,000	45	10	VCS-2100-1.09	½	1½"									
		15	VES-1100-1.08	¾	1½"	VJS-1000-1.03		1	1¼"					
		20	VES-1100-1.07	1	1½"	VJS-1000-1.02	VNS-1000-1.10	1	1¼"					
		25	VES-1100-1.05	1½	1½"									
		30	VES-1100-1.01	1½	1½"	VCS-1000-3.02	VNS-1000-1.02	1½	1¼"					
						VJS-2000-1.05		1½	1½"					
		40				VCS-1000-2.05	VNS-2000-1.09	2	3	1¼"	2"			
						VJS-2000-1.02		2	1½"					
		50				VCS-2000-1.08	VNS-2000-1.04	3	5	1½"	2"			
		60				VCS-1000-1.05	VNS-2000-1.01	3	1¼"	2"				
75				VCS-2000-1.01		7½	1½"							

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Capacity Sq. Ft. E.D.R.	Capacity G.P.M.	Dish pressure psi g	1750 R.P.M. Units			3500 R.P.M. Units				* Receiver Size (condensate units)					
			Catalog No.	Motor H.P.	Dish. size	Catalog No.		Motor H.P.		Dish. Size		Cast Iron		Steel	
												Return capacity	Size	Return capacity	Size
40,000	60	10	VCS-2100-1.05	¾	1½"										
		15	VCS-2100-1.02	1	1½"	VJS-2000-1.06		1½		1½"					
		20	VES-1100-1.06	1½	1½"	VJS-2000-1.05	VNS-2000-1.17	1½		1½" 2"					
		25	VES-1100-1.04	1½	1½"										
		30	VES-1100-1.01	2	1½"	VCS-2000-2.01	VNS-2000-1.12	2	3	1½" 2"					
							VJS-2000-1.02		1½		1½"				
		40				VCS-2000-1.12	VNS-2000-1.09	3		1½" 2"					
		50				VCS-2000-1.07	VNS-2000-1.04	5		1½" 2"					
		60				VCS-2000-1.03	VNS-2000-1.00	5		1½" 2"					
		75				VCS-2000-1.01		7½		1½"					
50,000	75	10	VCS-3100-1.09	1	2"										
		15	VCS-3100-1.03	1½	2"	VJS 2000-1.05		1½		1½"					
		20	VES-1100-1.05	1½	1½"	VJS-2000-1.02	VNS-2000-1.16	1½	2	1½" 2"					
		25	VES-1100-1.03	2	1½"										
		30	VCS-2000-2.01			VNS-2000-1.11	3		1½" 2"						
							VJS-2000-1.01		2		1½"				
		40				VCS-2000-1.11	VNS-2000-1.08	3		1½" 2"					
		50				VCS-2000-1.07	VNS-2000-1.03	5		1½" 2"					
		60				VCS-2000-1.03		5		1½"					
		75				VCS-2000-1.00		7½		1½"					

65 3" 65 3"

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Capacity Sq. Ft. E.D.R.	Capacity G.P.M.	Dish pressure psi g	1750 R.P.M. Units			3500 R.P.M. Units			* Receiver Size (condensate units)			
			Catalog No.	Motor H.P.	Dish. size	Catalog No.	Motor H.P.	Dish. Size	Cast Iron		Steel	
									Return capacity	Size	Return capacity	Size
60,000	90	20				VNS-2000-1.15	2	2"	110	5"	110	4"
		30				VNS-2000-1.11	3	2"				
		40				VNS-2000-1.06	5	2"				
		50				VNS-2000-1.03	7½	2"				
65,000	97½	10	VCS-3100-1.07	1½	2"							
		15	VCS-3100-1.01	1½	2"	VJS-2000-1.01	2	1½"				
		20	VES-1100-1.02	2	1½"	VJS-2000-1.01	2	1½"				
		30				VCS-3000-1.18	3	2"				
		40				VCS-3000-1.14	5	2"				
		50				VCS-2000-1.06	5	1½"				
		60				VCS-3000-1.06	7½	2"				
80,000	120	10	VCS-3100-1.05	1½	2"							
		15	VCS-3100-1.00	2	2"							
		20				VCS-2000-2.00	3	1½"				
		30				VCS-3000-1.17	5	2"				
		40				VCS-3000-1.13	5	2"				
		50				VCS-3000-1.09	7½	2"				
		60				VCS-3000-1.05	7½	2"				
100,000	150	10	VCS-3100-1.01	1½	2"							
		15				VCS-3000-1.23	2	2"				
		20				VCS-2000-1.10	5	1½"				
		30				VCS-3000-1.15	5	2"				
		40				VCS-3000-1.11	5	2"				
		50				VCS-3000-1.07	7½	2"				
		60				VCS-3000-1.03	10	2"				

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