



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-009-12E	Water	57.6	0.77	3"x1	46.1	0.50	3"x1	69.2	1.05	3"x1
VF1-009-12F	Water	57.6	0.77	3"x1	46.1	0.50	3"x1	69.2	1.05	3"x1
VF1-009-12G	Water	57.6	0.77	3"x1	46.1	0.50	3"x1	69.2	1.05	3"x1
VF1-009-22E	Water	57.6	0.96	3"x1	46.1	0.63	3"x1	69.2	1.33	3"x1
VF1-009-22F	Water	57.6	0.96	3"x1	46.1	0.63	3"x1	69.2	1.33	3"x1
VF1-009-22G	Water	57.6	0.96	3"x1	46.1	0.63	3"x1	69.2	1.33	3"x1
VF1-009-32E	Water	57.6	1.13	3"x1	46.1	0.73	3"x1	69.2	1.55	3"x1
VF1-009-32F	Water	57.6	1.13	3"x1	46.1	0.73	3"x1	69.2	1.55	3"x1
VF1-009-32G	Water	57.6	1.13	3"x1	46.1	0.73	3"x1	69.2	1.55	3"x1
VF1-009-42E	Water	57.6	1.32	3"x1	46.1	0.86	3"x1	69.2	1.82	3"x1
VF1-009-42F	Water	57.6	1.32	3"x1	46.1	0.86	3"x1	69.2	1.82	3"x1
VF1-009-42G	Water	57.6	1.32	3"x1	46.1	0.86	3"x1	69.2	1.82	3"x1
VF1-018-02G	Water	101.4	2.19	4"x1	81.1	1.46	4"x1	121.6	3.11	4"x1
VF1-018-02H	Water	101.4	2.19	4"x1	81.1	1.46	4"x1	121.6	3.11	4"x1
VF1-018-12F	Water	101.4	3.10	4"x1	81.1	2.06	4"x1	121.6	4.40	4"x1
VF1-018-12G	Water	101.4	3.10	4"x1	81.1	2.06	4"x1	121.6	4.40	4"x1
VF1-018-12H	Water	101.4	3.10	4"x1	81.1	2.06	4"x1	121.6	4.40	4"x1
VF1-018-22G	Water	101.4	3.88	4"x1	81.1	2.58	4"x1	121.6	5.51	4"x1
VF1-018-22H	Water	101.4	3.88	4"x1	81.1	2.58	4"x1	121.6	5.51	4"x1
VF1-018-22J	Water	101.4	3.88	4"x1	81.1	2.58	4"x1	121.6	5.51	4"x1
VF1-018-32G	Water	101.4	4.77	4"x1	81.1	3.17	4"x1	121.6	6.76	4"x1
VF1-018-32H	Water	101.4	4.77	4"x1	81.1	3.17	4"x1	121.6	6.76	4"x1
VF1-018-32J	Water	101.4	4.77	4"x1	81.1	3.17	4"x1	121.6	6.76	4"x1
VF1-018-42G	Water	101.4	5.64	4"x1	81.1	3.75	4"x1	121.6	7.99	4"x1
VF1-018-42H	Water	101.4	5.64	4"x1	81.1	3.75	4"x1	121.6	7.99	4"x1
VF1-018-42J	Water	101.4	5.64	4"x1	81.1	3.75	4"x1	121.6	7.99	4"x1
VF1-027-21H	Water	205.3	2.80	4"x1	164.3	1.86	4"x1	246.4	3.93	4"x1
VF1-027-21J	Water	205.3	2.80	4"x1	164.3	1.86	4"x1	246.4	3.93	4"x1
VF1-027-21K	Water	205.3	2.80	4"x1	164.3	1.86	4"x1	246.4	3.93	4"x1
VF1-027-22H	Water	101.4	5.28	4"x1	81.1	3.51	4"x1	121.6	7.49	4"x1
VF1-027-22J	Water	101.4	5.28	4"x1	81.1	3.51	4"x1	121.6	7.49	4"x1
VF1-027-22K	Water	101.4	5.28	4"x1	81.1	3.51	4"x1	121.6	7.49	4"x1
VF1-027-31H	Water	205.3	3.31	4"x1	164.3	2.19	4"x1	246.4	4.64	4"x1
VF1-027-31J	Water	205.3	3.31	4"x1	164.3	2.19	4"x1	246.4	4.64	4"x1
VF1-027-31K	Water	205.3	3.31	4"x1	164.3	2.19	4"x1	246.4	4.64	4"x1
VF1-027-32H	Water	101.4	6.36	4"x1	81.1	4.23	4"x1	121.6	9.01	4"x1
VF1-027-32J	Water	101.4	6.36	4"x1	81.1	4.23	4"x1	121.6	9.01	4"x1
VF1-027-32K	Water	101.4	6.36	4"x1	81.1	4.23	4"x1	121.6	9.01	4"x1
VF1-027-41H	Water	205.3	3.86	4"x1	164.3	2.56	4"x1	246.4	5.41	4"x1
VF1-027-41J	Water	205.3	3.86	4"x1	164.3	2.56	4"x1	246.4	5.41	4"x1
VF1-027-41K	Water	205.3	3.86	4"x1	164.3	2.56	4"x1	246.4	5.41	4"x1



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		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-027-42H	Water	101.4	7.51	4"x1	81.1	5.00	4"x1	121.6	10.66	4"x1
VF1-027-42J	Water	101.4	7.51	4"x1	81.1	5.00	4"x1	121.6	10.66	4"x1
VF1-027-42K	Water	101.4	7.51	4"x1	81.1	5.00	4"x1	121.6	10.66	4"x1
VF1-036-21J	Water	205.3	3.41	4"x1	164.3	2.26	4"x1	246.4	4.78	4"x1
VF1-036-21K	Water	205.3	3.41	4"x1	164.3	2.26	4"x1	246.4	4.78	4"x1
VF1-036-21L	Water	205.3	3.41	4"x1	164.3	2.26	4"x1	246.4	4.78	4"x1
VF1-036-22J	Water	101.4	6.57	4"x1	81.1	4.37	4"x1	121.6	9.31	4"x1
VF1-036-22K	Water	101.4	6.57	4"x1	81.1	4.37	4"x1	121.6	9.31	4"x1
VF1-036-22L	Water	101.4	6.57	4"x1	81.1	4.37	4"x1	121.6	9.31	4"x1
VF1-036-31J	Water	205.3	4.11	4"x1	164.3	2.72	4"x1	246.4	5.76	4"x1
VF1-036-31K	Water	205.3	4.11	4"x1	164.3	2.72	4"x1	246.4	5.76	4"x1
VF1-036-31L	Water	205.3	4.11	4"x1	164.3	2.72	4"x1	246.4	5.76	4"x1
VF1-036-32J	Water	101.4	8.05	4"x1	81.1	5.35	4"x1	121.6	11.41	4"x1
VF1-036-32K	Water	101.4	8.05	4"x1	81.1	5.35	4"x1	121.6	11.41	4"x1
VF1-036-32L	Water	101.4	8.05	4"x1	81.1	5.35	4"x1	121.6	11.41	4"x1
VF1-036-41J	Water	205.3	4.80	4"x1	164.3	3.18	4"x1	246.4	6.72	4"x1
VF1-036-41K	Water	205.3	4.80	4"x1	164.3	3.18	4"x1	246.4	6.72	4"x1
VF1-036-41L	Water	205.3	4.80	4"x1	164.3	3.18	4"x1	246.4	6.72	4"x1
VF1-036-42J	Water	101.4	9.50	4"x1	81.1	6.32	4"x1	121.6	13.47	4"x1
VF1-036-42K	Water	101.4	9.50	4"x1	81.1	6.32	4"x1	121.6	13.47	4"x1
VF1-036-42L	Water	101.4	9.50	4"x1	81.1	6.32	4"x1	121.6	13.47	4"x1
VF1-036-51J	Water	205.3	5.48	4"x1	164.3	3.63	4"x1	246.4	7.68	4"x1
VF1-036-51K	Water	205.3	5.48	4"x1	164.3	3.63	4"x1	246.4	7.68	4"x1
VF1-036-51L	Water	205.3	5.48	4"x1	164.3	3.63	4"x1	246.4	7.68	4"x1
VF1-048-21L	Water	207.7	1.99	4"x1	166.2	1.31	4"x1	249.3	2.77	4"x1
VF1-048-21M	Water	207.7	1.99	4"x1	166.2	1.31	4"x1	249.3	2.77	4"x1
VF1-048-22L	Water	102.0	3.52	4"x1	81.6	2.35	4"x1	122.4	4.90	4"x1
VF1-048-22M	Water	102.0	3.52	4"x1	81.6	2.35	4"x1	122.4	4.90	4"x1
VF1-048-31M	Water	207.7	2.37	4"x1	166.2	1.56	4"x1	249.3	3.31	4"x1
VF1-048-31N	Water	207.7	2.37	4"x1	166.2	1.56	4"x1	249.3	3.31	4"x1
VF1-048-32M	Water	102.0	4.32	4"x1	81.6	2.88	4"x1	122.4	6.01	4"x1
VF1-048-32N	Water	102.0	4.32	4"x1	81.6	2.88	4"x1	122.4	6.01	4"x1
VF1-048-41M	Water	207.7	2.70	4"x1	166.2	1.78	4"x1	249.3	3.76	4"x1
VF1-048-41N	Water	207.7	2.70	4"x1	166.2	1.78	4"x1	249.3	3.76	4"x1
VF1-048-42M	Water	102.0	5.00	4"x1	81.6	3.34	4"x1	122.4	6.96	4"x1
VF1-048-42N	Water	102.0	5.00	4"x1	81.6	3.34	4"x1	122.4	6.96	4"x1
VF1-072-21M	Water	821.4	11.15	4"x4	657.1	8.15	4"x2	985.6	15.65	4"x4
VF1-072-21N	Water	821.4	11.15	4"x4	657.1	8.15	4"x2	985.6	15.65	4"x4
VF1-072-21O	Water	821.4	11.15	4"x4	657.1	8.15	4"x2	985.6	15.65	4"x4
VF1-072-22M	Water	405.3	25.32	4"x2	324.2	17.20	4"x1	486.3	35.47	4"x2
VF1-072-22N	Water	405.3	25.32	4"x2	324.2	17.20	4"x1	486.3	35.47	4"x2



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VF1-072-22O	Water	405.3	25.32	4"x2	324.2	17.20	4"x1	486.3	35.47	4"x2
VF1-072-31M	Water	821.4	13.69	4"x4	657.1	9.83	4"x2	985.6	19.21	4"x4
VF1-072-31N	Water	821.4	13.69	4"x4	657.1	9.83	4"x2	985.6	19.21	4"x4
VF1-072-31O	Water	821.4	13.69	4"x4	657.1	9.83	4"x2	985.6	19.21	4"x4
VF1-072-41M	Water	821.4	16.17	4"x4	657.1	11.48	4"x2	985.6	22.69	4"x4
VF1-072-41N	Water	821.4	16.17	4"x4	657.1	11.48	4"x2	985.6	22.69	4"x4
VF1-072-41O	Water	821.4	16.17	4"x4	657.1	11.48	4"x2	985.6	22.69	4"x4
VF1-096-31O	Water	827.0	9.37	4"x4	661.6	6.98	4"x2	992.3	13.11	4"x4
VF1-096-31P	Water	827.0	9.37	4"x4	661.6	6.98	4"x2	992.3	13.11	4"x4
VF1-096-31Q	Water	827.0	9.37	4"x4	661.6	6.98	4"x2	992.3	13.11	4"x4
VF1-096-32O	Water	406.7	21.73	4"x2	325.3	14.79	4"x1	488.0	30.40	4"x2
VF1-096-32P	Water	406.7	21.73	4"x2	325.3	14.79	4"x1	488.0	30.40	4"x2
VF1-096-32Q	Water	406.7	21.73	4"x2	325.3	14.79	4"x1	488.0	30.40	4"x2
VF1-096-41O	Water	827.0	10.76	4"x4	661.6	7.90	4"x2	992.3	15.06	4"x4
VF1-096-41P	Water	827.0	10.76	4"x4	661.6	7.90	4"x2	992.3	15.06	4"x4
VF1-096-41Q	Water	827.0	10.76	4"x4	661.6	7.90	4"x2	992.3	15.06	4"x4
VF1-096-42O	Water	406.7	24.26	4"x2	325.3	16.46	4"x1	488.0	33.94	4"x2
VF1-096-42P	Water	406.7	24.26	4"x2	325.3	16.46	4"x1	488.0	33.94	4"x2
VF1-096-42Q	Water	406.7	24.26	4"x2	325.3	16.46	4"x1	488.0	33.94	4"x2
VF1-096-51P	Water	827.0	12.38	4"x4	661.6	8.98	4"x2	992.3	17.34	4"x4
VF1-096-51Q	Water	827.0	12.38	4"x4	661.6	8.98	4"x2	992.3	17.34	4"x4
VF1-144-21P	Water	841.4	3.77	4"x4	673.1	3.30	4"x2	1009.6	5.28	4"x4
VF1-144-21Q	Water	841.4	3.77	4"x4	673.1	3.30	4"x2	1009.6	5.28	4"x4
VF1-144-21R	Water	841.4	3.77	4"x4	673.1	3.30	4"x2	1009.6	5.28	4"x4
VF1-144-22P	Water	410.3	9.43	4"x2	328.2	6.70	4"x1	492.3	13.21	4"x2
VF1-144-22Q	Water	410.3	9.43	4"x2	328.2	6.70	4"x1	492.3	13.21	4"x2
VF1-144-22R	Water	410.3	9.43	4"x2	328.2	6.70	4"x1	492.3	13.21	4"x2
VF1-144-31P	Water	841.4	4.58	4"x4	673.1	3.83	4"x2	1009.6	6.42	4"x4
VF1-144-31Q	Water	841.4	4.58	4"x4	673.1	3.83	4"x2	1009.6	6.42	4"x4
VF1-144-31R	Water	841.4	4.58	4"x4	673.1	3.83	4"x2	1009.6	6.42	4"x4
VF1-144-32P	Water	410.3	11.11	4"x2	328.2	7.81	4"x1	492.3	15.56	4"x2
VF1-144-32Q	Water	410.3	11.11	4"x2	328.2	7.81	4"x1	492.3	15.56	4"x2
VF1-144-32R	Water	410.3	11.11	4"x2	328.2	7.81	4"x1	492.3	15.56	4"x2
VF1-144-41P	Water	841.4	5.27	4"x4	673.1	4.29	4"x2	1009.6	7.39	4"x4
VF1-144-41Q	Water	841.4	5.27	4"x4	673.1	4.29	4"x2	1009.6	7.39	4"x4
VF1-144-41R	Water	841.4	5.27	4"x4	673.1	4.29	4"x2	1009.6	7.39	4"x4
VF1-144-42P	Water	410.3	12.54	4"x2	328.2	8.76	4"x1	492.3	17.56	4"x2
VF1-144-42Q	Water	410.3	12.54	4"x2	328.2	8.76	4"x1	492.3	17.56	4"x2
VF1-144-42R	Water	410.3	12.54	4"x2	328.2	8.76	4"x1	492.3	17.56	4"x2
VF1-144N-21P	Water	827.0	10.58	4"x4	661.6	7.79	4"x2	992.3	14.82	4"x4
VF1-144N-21Q	Water	827.0	10.58	4"x4	661.6	7.79	4"x2	992.3	14.82	4"x4



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		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-144N-21R	Water	827.0	10.58	4"x4	661.6	7.79	4"x2	992.3	14.82	4"x4
VF1-144N-22P	Water	406.7	23.90	4"x2	325.3	16.21	4"x1	488.0	33.43	4"x2
VF1-144N-22Q	Water	406.7	23.90	4"x2	325.3	16.21	4"x1	488.0	33.43	4"x2
VF1-144N-22R	Water	406.7	23.90	4"x2	325.3	16.21	4"x1	488.0	33.43	4"x2
VF1-144N-31P	Water	827.0	12.97	4"x4	661.6	9.37	4"x2	992.3	18.15	4"x4
VF1-144N-31Q	Water	827.0	12.97	4"x4	661.6	9.37	4"x2	992.3	18.15	4"x4
VF1-144N-31R	Water	827.0	12.97	4"x4	661.6	9.37	4"x2	992.3	18.15	4"x4
VF1-144N-32P	Water	406.7	28.92	4"x2	325.3	19.52	4"x1	488.0	40.46	4"x2
VF1-144N-32Q	Water	406.7	28.92	4"x2	325.3	19.52	4"x1	488.0	40.46	4"x2
VF1-144N-32R	Water	406.7	28.92	4"x2	325.3	19.52	4"x1	488.0	40.46	4"x2
VF1-144N-41P	Water	827.0	15.33	4"x4	661.6	10.93	4"x2	992.3	21.46	4"x4
VF1-144N-41Q	Water	827.0	15.33	4"x4	661.6	10.93	4"x2	992.3	21.46	4"x4
VF1-144N-41R	Water	827.0	15.33	4"x4	661.6	10.93	4"x2	992.3	21.46	4"x4
VF1-192-31O	Water	854.2	3.10	4"x4	683.3	2.05	4"x4	1025.0	4.35	4"x4
VF1-192-31P	Water	854.2	3.10	4"x4	683.3	2.05	4"x4	1025.0	4.35	4"x4
VF1-192-31Q	Water	854.2	3.10	4"x4	683.3	2.05	4"x4	1025.0	4.35	4"x4
VF1-192-32O	Water	413.5	6.39	4"x2	330.8	4.25	4"x2	496.2	8.97	4"x2
VF1-192-32P	Water	413.5	6.39	4"x2	330.8	4.25	4"x2	496.2	8.97	4"x2
VF1-192-32Q	Water	413.5	6.39	4"x2	330.8	4.25	4"x2	496.2	8.97	4"x2
VF1-192-41O	Water	854.2	3.51	4"x4	683.3	2.33	4"x4	1025.0	4.92	4"x4
VF1-192-41P	Water	854.2	3.51	4"x4	683.3	2.33	4"x4	1025.0	4.92	4"x4
VF1-192-41Q	Water	854.2	3.51	4"x4	683.3	2.33	4"x4	1025.0	4.92	4"x4
VF1-192-42O	Water	413.5	7.12	4"x2	330.8	4.73	4"x2	496.2	9.98	4"x2
VF1-192-42P	Water	413.5	7.12	4"x2	330.8	4.73	4"x2	496.2	9.98	4"x2
VF1-192-42Q	Water	413.5	7.12	4"x2	330.8	4.73	4"x2	496.2	9.98	4"x2
VF1-192-51P	Water	854.2	3.99	4"x4	683.3	2.64	4"x4	1025.0	5.59	4"x4
VF1-192-51Q	Water	854.2	3.99	4"x4	683.3	2.64	4"x4	1025.0	5.59	4"x4
VF1-216-21N	Water	841.4	5.24	4"x4	673.1	4.27	4"x2	1009.6	7.35	4"x4
VF1-216-21O	Water	841.4	5.24	4"x4	673.1	4.27	4"x2	1009.6	7.35	4"x4
VF1-216-21P	Water	841.4	5.24	4"x4	673.1	4.27	4"x2	1009.6	7.35	4"x4
VF1-216-22N	Water	410.3	12.47	4"x2	328.2	8.71	4"x1	492.3	17.47	4"x2
VF1-216-22O	Water	410.3	12.47	4"x2	328.2	8.71	4"x1	492.3	17.47	4"x2
VF1-216-22P	Water	410.3	12.47	4"x2	328.2	8.71	4"x1	492.3	17.47	4"x2
VF1-216-31N	Water	841.4	6.36	4"x4	673.1	5.01	4"x2	1009.6	8.92	4"x4
VF1-216-31O	Water	841.4	6.36	4"x4	673.1	5.01	4"x2	1009.6	8.92	4"x4
VF1-216-31P	Water	841.4	6.36	4"x4	673.1	5.01	4"x2	1009.6	8.92	4"x4
VF1-216-41O	Water	841.4	7.46	4"x4	673.1	5.74	4"x2	1009.6	10.47	4"x4
VF1-216-41P	Water	841.4	7.46	4"x4	673.1	5.74	4"x2	1009.6	10.47	4"x4
VF1-216-41Q	Water	841.4	7.46	4"x4	673.1	5.74	4"x2	1009.6	10.47	4"x4
VF1-288-21P	Water	883.0	1.51	4"x4	706.4	1.00	4"x4	1059.5	2.12	4"x4
VF1-288-21Q	Water	883.0	1.51	4"x4	706.4	1.00	4"x4	1059.5	2.12	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-288-21R	Water	883.0	1.51	4"x4	706.4	1.00	4"x4	1059.5	2.12	4"x4
VF1-288-22P	Water	420.7	2.95	4"x2	336.5	1.96	4"x2	504.8	4.13	4"x2
VF1-288-22Q	Water	420.7	2.95	4"x2	336.5	1.96	4"x2	504.8	4.13	4"x2
VF1-288-22R	Water	420.7	2.95	4"x2	336.5	1.96	4"x2	504.8	4.13	4"x2
VF1-288-31P	Water	883.0	1.76	4"x4	706.4	1.17	4"x4	1059.5	2.47	4"x4
VF1-288-31Q	Water	883.0	1.76	4"x4	706.4	1.17	4"x4	1059.5	2.47	4"x4
VF1-288-31R	Water	883.0	1.76	4"x4	706.4	1.17	4"x4	1059.5	2.47	4"x4
VF1-288-32P	Water	420.7	3.44	4"x2	336.5	2.28	4"x2	504.8	4.82	4"x2
VF1-288-32Q	Water	420.7	3.44	4"x2	336.5	2.28	4"x2	504.8	4.82	4"x2
VF1-288-32R	Water	420.7	3.44	4"x2	336.5	2.28	4"x2	504.8	4.82	4"x2
VF1-288-41Q	Water	883.0	1.97	4"x4	706.4	1.30	4"x4	1059.5	2.76	4"x4
VF1-288-41R	Water	883.0	1.97	4"x4	706.4	1.30	4"x4	1059.5	2.76	4"x4
VF1-288-42Q	Water	420.7	3.86	4"x2	336.5	2.56	4"x2	504.8	5.40	4"x2
VF1-288-42R	Water	420.7	3.86	4"x2	336.5	2.56	4"x2	504.8	5.40	4"x2
VF1-288N-21P	Water	854.2	3.46	4"x4	683.3	2.29	4"x4	1025.0	4.85	4"x4
VF1-288N-21Q	Water	854.2	3.46	4"x4	683.3	2.29	4"x4	1025.0	4.85	4"x4
VF1-288N-21R	Water	854.2	3.46	4"x4	683.3	2.29	4"x4	1025.0	4.85	4"x4
VF1-288N-22P	Water	413.5	7.01	4"x2	330.8	4.66	4"x2	496.2	9.83	4"x2
VF1-288N-22Q	Water	413.5	7.01	4"x2	330.8	4.66	4"x2	496.2	9.83	4"x2
VF1-288N-22R	Water	413.5	7.01	4"x2	330.8	4.66	4"x2	496.2	9.83	4"x2
VF1-288N-31P	Water	854.2	4.16	4"x4	683.3	2.76	4"x4	1025.0	5.84	4"x4
VF1-288N-31Q	Water	854.2	4.16	4"x4	683.3	2.76	4"x4	1025.0	5.84	4"x4
VF1-288N-31R	Water	854.2	4.16	4"x4	683.3	2.76	4"x4	1025.0	5.84	4"x4
VF1-288N-32P	Water	413.5	8.44	4"x2	330.8	5.61	4"x2	496.2	11.84	4"x2
VF1-288N-32Q	Water	413.5	8.44	4"x2	330.8	5.61	4"x2	496.2	11.84	4"x2
VF1-288N-32R	Water	413.5	8.44	4"x2	330.8	5.61	4"x2	496.2	11.84	4"x2
VF1-288N-41P	Water	854.2	4.86	4"x4	683.3	3.22	4"x4	1025.0	6.81	4"x4
VF1-288N-41Q	Water	854.2	4.86	4"x4	683.3	3.22	4"x4	1025.0	6.81	4"x4
VF1-288N-41R	Water	854.2	4.86	4"x4	683.3	3.22	4"x4	1025.0	6.81	4"x4
VF1-432-21N	Water	883.0	1.96	4"x4	706.4	1.30	4"x4	1059.5	2.75	4"x4
VF1-432-21O	Water	883.0	1.96	4"x4	706.4	1.30	4"x4	1059.5	2.75	4"x4
VF1-432-21P	Water	883.0	1.96	4"x4	706.4	1.30	4"x4	1059.5	2.75	4"x4
VF1-432-22N	Water	420.7	3.84	4"x2	336.5	2.54	4"x2	504.8	5.37	4"x2
VF1-432-22O	Water	420.7	3.84	4"x2	336.5	2.54	4"x2	504.8	5.37	4"x2
VF1-432-22P	Water	420.7	3.84	4"x2	336.5	2.54	4"x2	504.8	5.37	4"x2
VF1-432-31N	Water	883.0	2.30	4"x4	706.4	1.52	4"x4	1059.5	3.22	4"x4
VF1-432-31O	Water	883.0	2.30	4"x4	706.4	1.52	4"x4	1059.5	3.22	4"x4
VF1-432-31P	Water	883.0	2.30	4"x4	706.4	1.52	4"x4	1059.5	3.22	4"x4
VF1-432-41O	Water	883.0	2.64	4"x4	706.4	1.74	4"x4	1059.5	3.69	4"x4
VF1-432-41P	Water	883.0	2.64	4"x4	706.4	1.74	4"x4	1059.5	3.69	4"x4
VF1-432-41Q	Water	883.0	2.64	4"x4	706.4	1.74	4"x4	1059.5	3.69	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VFL-012-02F	Water	101.7	1.26	3"x1	81.3	0.83	3"x1	122.0	1.76	3"x1
VFL-012-02G	Water	101.7	1.26	3"x1	81.3	0.83	3"x1	122.0	1.76	3"x1
VFL-012-02H	Water	101.7	1.26	3"x1	81.3	0.83	3"x1	122.0	1.76	3"x1
VFL-012-12F	Water	101.7	1.50	3"x1	81.3	0.98	3"x1	122.0	2.09	3"x1
VFL-012-12G	Water	101.7	1.50	3"x1	81.3	0.98	3"x1	122.0	2.09	3"x1
VFL-012-12H	Water	101.7	1.50	3"x1	81.3	0.98	3"x1	122.0	2.09	3"x1
VFL-012-22F	Water	101.7	1.85	3"x1	81.3	1.21	3"x1	122.0	2.57	3"x1
VFL-012-22G	Water	101.7	1.85	3"x1	81.3	1.21	3"x1	122.0	2.57	3"x1
VFL-012-22H	Water	101.7	1.85	3"x1	81.3	1.21	3"x1	122.0	2.57	3"x1
VFL-012-32F	Water	101.7	2.10	3"x1	81.3	1.38	3"x1	122.0	2.93	3"x1
VFL-012-32G	Water	101.7	2.10	3"x1	81.3	1.38	3"x1	122.0	2.93	3"x1
VFL-012-32H	Water	101.7	2.10	3"x1	81.3	1.38	3"x1	122.0	2.93	3"x1
VFL-024-12H	Water	101.7	2.16	4"x1	81.3	1.41	4"x1	122.0	3.00	4"x1
VFL-024-22H	Water	101.7	2.75	4"x1	81.3	1.80	4"x1	122.0	3.83	4"x1
VFL-024-22J	Water	101.7	2.75	4"x1	81.3	1.80	4"x1	122.0	3.83	4"x1
VFL-024-32H	Water	101.7	3.24	4"x1	81.3	2.12	4"x1	122.0	4.51	4"x1
VFL-024-32J	Water	101.7	3.24	4"x1	81.3	2.12	4"x1	122.0	4.51	4"x1
VFL-036-22J	Water	101.7	3.63	4"x1	81.3	2.37	4"x1	122.0	5.05	4"x1
VFL-036-22K	Water	101.7	3.63	4"x1	81.3	2.37	4"x1	122.0	5.05	4"x1
VFL-036-22L	Water	101.7	3.63	4"x1	81.3	2.37	4"x1	122.0	5.05	4"x1
VFL-036-22M	Water	101.7	3.63	4"x1	81.3	2.37	4"x1	122.0	5.05	4"x1
VFL-036-31K	Water	206.7	2.35	4"x1	165.4	1.55	4"x1	248.1	3.28	4"x1
VFL-036-31L	Water	206.7	2.35	4"x1	165.4	1.55	4"x1	248.1	3.28	4"x1
VFL-036-31M	Water	206.7	2.35	4"x1	165.4	1.55	4"x1	248.1	3.28	4"x1
VFL-036-32K	Water	101.7	4.32	4"x1	81.3	2.82	4"x1	122.0	6.01	4"x1
VFL-036-32L	Water	101.7	4.32	4"x1	81.3	2.82	4"x1	122.0	6.01	4"x1
VFL-036-32M	Water	101.7	4.32	4"x1	81.3	2.82	4"x1	122.0	6.01	4"x1
VFL-048-22K	Water	101.7	4.51	4"x1	81.3	2.94	4"x1	122.0	6.28	4"x1
VFL-048-22L	Water	101.7	4.51	4"x1	81.3	2.94	4"x1	122.0	6.28	4"x1
VFL-048-22M	Water	101.7	4.51	4"x1	81.3	2.94	4"x1	122.0	6.28	4"x1
VFL-048-31K	Water	206.7	2.86	4"x1	165.4	1.88	4"x1	248.1	3.99	4"x1
VFL-048-31L	Water	206.7	2.86	4"x1	165.4	1.88	4"x1	248.1	3.99	4"x1
VFL-048-31M	Water	206.7	2.86	4"x1	165.4	1.88	4"x1	248.1	3.99	4"x1
VFL-048-32K	Water	101.7	5.39	4"x1	81.3	3.52	4"x1	122.0	7.50	4"x1
VFL-048-32L	Water	101.7	5.39	4"x1	81.3	3.52	4"x1	122.0	7.50	4"x1
VFL-048-32M	Water	101.7	5.39	4"x1	81.3	3.52	4"x1	122.0	7.50	4"x1
VFL-048-41L	Water	206.7	3.33	4"x1	165.4	2.19	4"x1	248.1	4.65	4"x1
VFL-048-41M	Water	206.7	3.33	4"x1	165.4	2.19	4"x1	248.1	4.65	4"x1
VFL-048-42L	Water	101.7	6.38	4"x1	81.3	4.17	4"x1	122.0	8.88	4"x1
VFL-048-42M	Water	101.7	6.38	4"x1	81.3	4.17	4"x1	122.0	8.88	4"x1
VFL-072-22M	Water	406.7	14.54	4"x2	325.3	10.04	4"x1	488.0	20.34	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VFL-072-22N	Water	406.7	14.54	4"x2	325.3	10.04	4"x1	488.0	20.34	4"x2
VFL-072-22O	Water	406.7	14.54	4"x2	325.3	10.04	4"x1	488.0	20.34	4"x2
VFL-072-22P	Water	406.7	14.54	4"x2	325.3	10.04	4"x1	488.0	20.34	4"x2
VFL-072-31N	Water	827.0	7.27	4"x4	661.6	5.59	4"x2	992.3	10.17	4"x4
VFL-072-31O	Water	827.0	7.27	4"x4	661.6	5.59	4"x2	992.3	10.17	4"x4
VFL-072-31P	Water	827.0	7.27	4"x4	661.6	5.59	4"x2	992.3	10.17	4"x4
VFL-072-32N	Water	406.7	17.00	4"x2	325.3	11.66	4"x1	488.0	23.78	4"x2
VFL-072-32O	Water	406.7	17.00	4"x2	325.3	11.66	4"x1	488.0	23.78	4"x2
VFL-072-32P	Water	406.7	17.00	4"x2	325.3	11.66	4"x1	488.0	23.78	4"x2
VFL-072-41N	Water	827.0	8.61	4"x4	661.6	6.48	4"x2	992.3	12.05	4"x4
VFL-072-41O	Water	827.0	8.61	4"x4	661.6	6.48	4"x2	992.3	12.05	4"x4
VFL-072-41P	Water	827.0	8.61	4"x4	661.6	6.48	4"x2	992.3	12.05	4"x4
VFL-072-42N	Water	406.7	19.99	4"x2	325.3	13.64	4"x1	488.0	27.97	4"x2
VFL-072-42O	Water	406.7	19.99	4"x2	325.3	13.64	4"x1	488.0	27.97	4"x2
VFL-072-42P	Water	406.7	19.99	4"x2	325.3	13.64	4"x1	488.0	27.97	4"x2
VFL-096-41N	Water	827.0	10.78	4"x4	661.6	7.92	4"x2	992.3	15.09	4"x4
VFL-096-41O	Water	827.0	10.78	4"x4	661.6	7.92	4"x2	992.3	15.09	4"x4
VFL-096-41P	Water	827.0	10.78	4"x4	661.6	7.92	4"x2	992.3	15.09	4"x4
VFL-096-42N	Water	406.7	24.26	4"x2	325.3	16.46	4"x1	488.0	33.94	4"x2
VFL-096-42O	Water	406.7	24.26	4"x2	325.3	16.46	4"x1	488.0	33.94	4"x2
VFL-096-42P	Water	406.7	24.26	4"x2	325.3	16.46	4"x1	488.0	33.94	4"x2
VF1-1012N-4D2AS-O1	Water	589.1	3.02	4"x2	471.3	2.00	4"x2	706.9	4.24	4"x2
VF1-1012N-4D2AS-P1	Water	589.1	3.02	4"x2	471.3	2.00	4"x2	706.9	4.24	4"x2
VF1-1012N-4D2AS-Q1	Water	589.1	3.02	4"x2	471.3	2.00	4"x2	706.9	4.24	4"x2
VF1-1012N-4D2AS-R1	Water	589.1	3.02	4"x2	471.3	2.00	4"x2	706.9	4.24	4"x2
VF1-1012N-5D2AS-O1	Water	589.1	3.58	4"x2	471.3	2.37	4"x2	706.9	5.02	4"x2
VF1-1012N-5D2AS-P1	Water	589.1	3.58	4"x2	471.3	2.37	4"x2	706.9	5.02	4"x2
VF1-1012N-5D2AS-Q1	Water	589.1	3.58	4"x2	471.3	2.37	4"x2	706.9	5.02	4"x2
VF1-1012N-5D2AS-R1	Water	589.1	3.58	4"x2	471.3	2.37	4"x2	706.9	5.02	4"x2
VF1-1012N-6D2AS-O1	Water	589.1	4.14	4"x2	471.3	2.74	4"x2	706.9	5.80	4"x2
VF1-1012N-6D2AS-P1	Water	589.1	4.14	4"x2	471.3	2.74	4"x2	706.9	5.80	4"x2
VF1-1012N-6D2AS-Q1	Water	589.1	4.14	4"x2	471.3	2.74	4"x2	706.9	5.80	4"x2
VF1-1012N-6D2AS-R1	Water	589.1	4.14	4"x2	471.3	2.74	4"x2	706.9	5.80	4"x2
VF1-1012N-6D2AS-S1	Water	589.1	4.14	4"x2	471.3	2.74	4"x2	706.9	5.80	4"x2
VF1-1012N-7D2AS-O1	Water	589.1	4.69	4"x2	471.3	3.10	4"x2	706.9	6.58	4"x2
VF1-1012N-7D2AS-P1	Water	589.1	4.69	4"x2	471.3	3.10	4"x2	706.9	6.58	4"x2
VF1-1012N-7D2AS-Q1	Water	589.1	4.69	4"x2	471.3	3.10	4"x2	706.9	6.58	4"x2
VF1-1012N-7D2AS-R1	Water	589.1	4.69	4"x2	471.3	3.10	4"x2	706.9	6.58	4"x2
VF1-1012N-7D2AS-S1	Water	989.0	10.76	4"x4	791.2	8.09	4"x2	1186.7	15.08	4"x4
VF1-1012N-8D2AS-O1	Water	589.1	5.25	4"x2	471.3	3.47	4"x2	706.9	7.36	4"x2
VF1-1012N-8D2AS-P1	Water	589.1	5.25	4"x2	471.3	3.47	4"x2	706.9	7.36	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1012N-8D2AT-O1	Water	447.2	19.41	4"x2	357.7	13.74	4"x1	536.6	27.24	4"x2
VF1-1012N-8D2AT-P1	Water	447.2	19.41	4"x2	357.7	13.74	4"x1	536.6	27.24	4"x2
VF1-1012N-8D2AT-Q1	Water	447.2	19.41	4"x2	357.7	13.74	4"x1	536.6	27.24	4"x2
VF1-1012N-8D2AT-R1	Water									
VF1-1012N-8D2AT-S1	Water									
VF1-1018N-4D2AT-N2	Water	447.2	13.96	4"x2	357.7	10.13	4"x1	536.6	19.60	4"x2
VF1-1018N-4D2AT-O2	Water	447.2	13.96	4"x2	357.7	10.13	4"x1	536.6	19.60	4"x2
VF1-1018N-4D2AT-P2	Water									
VF1-1018N-4D2AT-Q2	Water									
VF1-1018N-5D2AT-N2	Water									
VF1-1018N-5D2AT-O2	Water									
VF1-1018N-5D2AT-P2	Water									
VF1-1018N-5D2AT-Q2	Water									
VF1-1018N-6D2AT-N2	Water									
VF1-1018N-6D2AT-O2	Water									
VF1-1018N-6D2AT-P2	Water									
VF1-1018N-6D2AT-Q2	Water									
VF1-1018N-7D2AT-N2	Water									
VF1-1018N-7D2AT-O2	Water									
VF1-1018N-7D2AT-P2	Water									
VF1-1018N-7D2AT-Q2	Water									
VF1-1018N-8D2AT-N2	Water									
VF1-1018N-8D2AT-O2	Water									
VF1-1018N-8D2AT-P2	Water									
VF1-1018N-8D2AT-Q2	Water									
VF1-1024N-4D2AS-O2	Water	778.3	1.41	4"x4	622.6	0.93	4"x4	933.9	1.97	4"x4
VF1-1024N-4D2AS-P2	Water	778.3	1.41	4"x4	622.6	0.93	4"x4	933.9	1.97	4"x4
VF1-1024N-4D2AS-Q2	Water	778.3	1.41	4"x4	622.6	0.93	4"x4	933.9	1.97	4"x4
VF1-1024N-4D2AS-R2	Water	778.3	1.41	4"x4	622.6	0.93	4"x4	933.9	1.97	4"x4
VF1-1024N-5D2AS-O2	Water	778.3	1.66	4"x4	622.6	1.11	4"x4	933.9	2.33	4"x4
VF1-1024N-5D2AS-P2	Water	778.3	1.66	4"x4	622.6	1.11	4"x4	933.9	2.33	4"x4
VF1-1024N-5D2AS-Q2	Water	778.3	1.66	4"x4	622.6	1.11	4"x4	933.9	2.33	4"x4
VF1-1024N-5D2AS-R2	Water	778.3	1.66	4"x4	622.6	1.11	4"x4	933.9	2.33	4"x4
VF1-1024N-6D2AS-O2	Water	778.3	1.92	4"x4	622.6	1.28	4"x4	933.9	2.69	4"x4
VF1-1024N-6D2AS-P2	Water	778.3	1.92	4"x4	622.6	1.28	4"x4	933.9	2.69	4"x4
VF1-1024N-6D2AS-Q2	Water	778.3	1.92	4"x4	622.6	1.28	4"x4	933.9	2.69	4"x4
VF1-1024N-6D2AS-R2	Water	778.3	1.92	4"x4	622.6	1.28	4"x4	933.9	2.69	4"x4
VF1-1024N-6D2AS-S2	Water	778.3	1.92	4"x4	622.6	1.28	4"x4	933.9	2.69	4"x4
VF1-1024N-7D2AS-O2	Water	778.3	2.18	4"x4	622.6	1.45	4"x4	933.9	3.06	4"x4
VF1-1024N-7D2AS-P2	Water	778.3	2.18	4"x4	622.6	1.45	4"x4	933.9	3.06	4"x4
VF1-1024N-7D2AS-Q2	Water	778.3	2.18	4"x4	622.6	1.45	4"x4	933.9	3.06	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1024N-7D2AS-R2	Water	778.3	2.18	4"x4	622.6	1.45	4"x4	933.9	3.06	4"x4
VF1-1024N-7D2AS-S2	Water	1178.2	4.69	4"x4	942.5	3.11	4"x4	1413.8	6.58	4"x4
VF1-1024N-8D2AS-O2	Water	778.3	2.44	4"x4	622.6	1.62	4"x4	933.9	3.42	4"x4
VF1-1024N-8D2AS-P2	Water	778.3	2.44	4"x4	622.6	1.62	4"x4	933.9	3.42	4"x4
VF1-1024N-8D2AS-Q2	Water	778.3	2.44	4"x4	622.6	1.62	4"x4	933.9	3.42	4"x4
VF1-1024N-8D2AS-R2	Water	778.3	2.44	4"x4	622.6	1.62	4"x4	933.9	3.42	4"x4
VF1-1024N-8D2AS-S2	Water	1178.2	5.25	4"x4	942.5	3.48	4"x4	1413.8	7.36	4"x4
VF1-1036N-4D2AS-N4	Water	778.3	1.84	4"x4	622.6	1.22	4"x4	933.9	2.58	4"x4
VF1-1036N-4D2AS-O4	Water	778.3	1.84	4"x4	622.6	1.22	4"x4	933.9	2.58	4"x4
VF1-1036N-4D2AS-P4	Water	1178.2	3.97	4"x4	942.5	2.63	4"x4	1413.8	5.56	4"x4
VF1-1036N-4D2AS-Q4	Water	1178.2	3.97	4"x4	942.5	2.63	4"x4	1413.8	5.56	4"x4
VF1-1036N-5D2AS-N4	Water	778.3	2.21	4"x4	622.6	1.47	4"x4	933.9	3.10	4"x4
VF1-1036N-5D2AS-O4	Water	1178.2	4.76	4"x4	942.5	3.15	4"x4	1413.8	6.67	4"x4
VF1-1036N-5D2AS-P4	Water	1178.2	4.76	4"x4	942.5	3.15	4"x4	1413.8	6.67	4"x4
VF1-1036N-5D2AS-Q4	Water	1178.2	4.76	4"x4	942.5	3.15	4"x4	1413.8	6.67	4"x4
VF1-1036N-6D2AS-N4	Water	1178.2	5.55	4"x4	942.5	3.68	4"x4	1413.8	7.78	4"x4
VF1-1036N-6D2AS-O4	Water	1178.2	5.55	4"x4	942.5	3.68	4"x4	1413.8	7.78	4"x4
VF1-1036N-6D2AS-P4	Water	1178.2	5.55	4"x4	942.5	3.68	4"x4	1413.8	7.78	4"x4
VF1-1036N-6D2AS-Q4	Water	1178.2	5.55	4"x4	942.5	3.68	4"x4	1413.8	7.78	4"x4
VF1-1036N-7D2AS-N4	Water	1178.2	6.34	4"x4	942.5	4.20	4"x4	1413.8	8.89	4"x4
VF1-1036N-7D2AS-O4	Water	1178.2	6.34	4"x4	942.5	4.20	4"x4	1413.8	8.89	4"x4
VF1-1036N-7D2AS-P4	Water	1178.2	6.34	4"x4	942.5	4.20	4"x4	1413.8	8.89	4"x4
VF1-1036N-7D2AS-Q4	Water	1178.2	6.34	4"x4	942.5	4.20	4"x4	1413.8	8.89	4"x4
VF1-1036N-8D2AS-N4	Water	1178.2	7.13	4"x4	942.5	4.73	4"x4	1413.8	10.00	4"x4
VF1-1036N-8D2AS-O4	Water	1178.2	7.13	4"x4	942.5	4.73	4"x4	1413.8	10.00	4"x4
VF1-1036N-8D2AS-P4	Water	1178.2	7.13	4"x4	942.5	4.73	4"x4	1413.8	10.00	4"x4
VF1-1036N-8D2AS-Q4	Water	1178.2	7.13	4"x4	942.5	4.73	4"x4	1413.8	10.00	4"x4
VF1-1024N-4D2AT-O2	Water	494.5	3.77	4"x2	395.6	2.50	4"x2	593.4	5.28	4"x2
VF1-1024N-4D2AT-P2	Water	494.5	3.77	4"x2	395.6	2.50	4"x2	593.4	5.28	4"x2
VF1-1024N-4D2AT-Q2	Water	494.5	3.77	4"x2	395.6	2.50	4"x2	593.4	5.28	4"x2
VF1-1024N-4D2AT-R2	Water	494.5	3.77	4"x2	395.6	2.50	4"x2	593.4	5.28	4"x2
VF1-1024N-5D2AT-O2	Water	494.5	4.56	4"x2	395.6	3.03	4"x2	593.4	6.38	4"x2
VF1-1024N-5D2AT-P2	Water	494.5	4.56	4"x2	395.6	3.03	4"x2	593.4	6.38	4"x2
VF1-1024N-5D2AT-Q2	Water	494.5	4.56	4"x2	395.6	3.03	4"x2	593.4	6.38	4"x2
VF1-1024N-5D2AT-R2	Water	494.5	4.56	4"x2	395.6	3.03	4"x2	593.4	6.38	4"x2
VF1-1024N-6D2AT-O2	Water	494.5	5.34	4"x2	395.6	3.55	4"x2	593.4	7.49	4"x2
VF1-1024N-6D2AT-P2	Water	494.5	5.34	4"x2	395.6	3.55	4"x2	593.4	7.49	4"x2
VF1-1024N-6D2AT-Q2	Water	494.5	5.34	4"x2	395.6	3.55	4"x2	593.4	7.49	4"x2
VF1-1024N-6D2AT-R2	Water	494.5	5.34	4"x2	395.6	3.55	4"x2	593.4	7.49	4"x2
VF1-1024N-6D2AT-S2	Water	694.4	10.02	4"x2	555.5	6.65	4"x2	833.3	12.88	4"x4
VF1-1024N-7D2AT-O2	Water	494.5	6.13	4"x2	395.6	4.07	4"x2	593.4	8.59	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1024N-7D2AT-P2	Water	494.5	6.13	4"x2	395.6	4.07	4"x2	593.4	8.59	4"x2
VF1-1024N-7D2AT-Q2	Water	494.5	6.13	4"x2	395.6	4.07	4"x2	593.4	8.59	4"x2
VF1-1024N-7D2AT-R2	Water	694.4	11.49	4"x2	555.5	7.63	4"x2	833.3	14.96	4"x4
VF1-1024N-7D2AT-S2	Water	694.4	11.49	4"x2	555.5	7.63	4"x2	833.3	14.96	4"x4
VF1-1024N-8D2AT-O2	Water	494.5	6.92	4"x2	395.6	4.60	4"x2	593.4	9.70	4"x2
VF1-1024N-8D2AT-P2	Water	494.5	6.92	4"x2	395.6	4.60	4"x2	593.4	9.70	4"x2
VF1-1024N-8D2AT-Q2	Water	494.5	6.92	4"x2	395.6	4.60	4"x2	593.4	9.70	4"x2
VF1-1024N-8D2AT-R2	Water	694.4	12.97	4"x2	555.5	8.61	4"x2	833.3	17.03	4"x4
VF1-1024N-8D2AT-S2	Water	694.4	12.97	4"x2	555.5	8.61	4"x2	833.3	17.03	4"x4
VF1-1036N-4D2AT-N4	Water	494.5	5.10	4"x2	395.6	3.39	4"x2	593.4	7.15	4"x2
VF1-1036N-4D2AT-O4	Water	494.5	5.10	4"x2	395.6	3.39	4"x2	593.4	7.15	4"x2
VF1-1036N-4D2AT-P4	Water	694.4	9.56	4"x2	555.5	6.35	4"x2	833.3	12.25	4"x4
VF1-1036N-4D2AT-Q4	Water	694.4	9.56	4"x2	555.5	6.35	4"x2	833.3	12.25	4"x4
VF1-1036N-5D2AT-N4	Water	694.4	11.67	4"x2	555.5	7.74	4"x2	833.3	15.20	4"x4
VF1-1036N-5D2AT-O4	Water	694.4	11.67	4"x2	555.5	7.74	4"x2	833.3	15.20	4"x4
VF1-1036N-5D2AT-P4	Water	694.4	11.67	4"x2	555.5	7.74	4"x2	833.3	15.20	4"x4
VF1-1036N-5D2AT-Q4	Water	694.4	11.67	4"x2	555.5	7.74	4"x2	833.3	15.20	4"x4
VF1-1036N-6D2AT-N4	Water	694.4	13.77	4"x2	555.5	9.14	4"x2	833.3	18.15	4"x4
VF1-1036N-6D2AT-O4	Water	694.4	13.77	4"x2	555.5	9.14	4"x2	833.3	18.15	4"x4
VF1-1036N-6D2AT-P4	Water	694.4	13.77	4"x2	555.5	9.14	4"x2	833.3	18.15	4"x4
VF1-1036N-6D2AT-Q4	Water	694.4	13.77	4"x2	555.5	9.14	4"x2	833.3	18.15	4"x4
VF1-1036N-7D2AT-N4	Water	694.4	15.87	4"x2	555.5	10.53	4"x2	833.3	21.09	4"x4
VF1-1036N-7D2AT-O4	Water	694.4	15.87	4"x2	555.5	10.53	4"x2	833.3	21.09	4"x4
VF1-1036N-7D2AT-P4	Water	694.4	15.87	4"x2	555.5	10.53	4"x2	833.3	21.09	4"x4
VF1-1036N-7D2AT-Q4	Water	694.4	15.87	4"x2	555.5	10.53	4"x2	833.3	21.09	4"x4
VF1-1036N-8D2AT-N4	Water	694.4	17.98	4"x2	555.5	11.93	4"x2	833.3	24.04	4"x4
VF1-1036N-8D2AT-O4	Water	694.4	17.98	4"x2	555.5	11.93	4"x2	833.3	24.04	4"x4
VF1-1036N-8D2AT-P4	Water	694.4	17.98	4"x2	555.5	11.93	4"x2	833.3	24.04	4"x4
VF1-1036N-8D2AT-Q4	Water	694.4	17.98	4"x2	555.5	11.93	4"x2	833.3	24.04	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-009-12E	30% Ethylene Glycol	57.6	0.87	3"x1	46.1	0.57	3"x1	69.2	1.19	3"x1
VF1-009-12F	30% Ethylene Glycol	57.6	0.87	3"x1	46.1	0.57	3"x1	69.2	1.19	3"x1
VF1-009-12G	30% Ethylene Glycol	57.6	0.87	3"x1	46.1	0.57	3"x1	69.2	1.19	3"x1
VF1-009-22E	30% Ethylene Glycol	57.6	1.09	3"x1	46.1	0.71	3"x1	69.2	1.50	3"x1
VF1-009-22F	30% Ethylene Glycol	57.6	1.09	3"x1	46.1	0.71	3"x1	69.2	1.50	3"x1
VF1-009-22G	30% Ethylene Glycol	57.6	1.09	3"x1	46.1	0.71	3"x1	69.2	1.50	3"x1
VF1-009-32E	30% Ethylene Glycol	57.6	1.27	3"x1	46.1	0.83	3"x1	69.2	1.76	3"x1
VF1-009-32F	30% Ethylene Glycol	57.6	1.27	3"x1	46.1	0.83	3"x1	69.2	1.76	3"x1
VF1-009-32G	30% Ethylene Glycol	57.6	1.27	3"x1	46.1	0.83	3"x1	69.2	1.76	3"x1
VF1-009-42E	30% Ethylene Glycol	57.6	1.50	3"x1	46.1	0.98	3"x1	69.2	2.07	3"x1
VF1-009-42F	30% Ethylene Glycol	57.6	1.50	3"x1	46.1	0.98	3"x1	69.2	2.07	3"x1
VF1-009-42G	30% Ethylene Glycol	57.6	1.50	3"x1	46.1	0.98	3"x1	69.2	2.07	3"x1
VF1-018-02G	30% Ethylene Glycol	101.4	2.48	4"x1	81.1	1.65	4"x1	121.6	3.52	4"x1
VF1-018-02H	30% Ethylene Glycol	101.4	2.48	4"x1	81.1	1.65	4"x1	121.6	3.52	4"x1
VF1-018-12F	30% Ethylene Glycol	101.4	3.51	4"x1	81.1	2.34	4"x1	121.6	4.98	4"x1
VF1-018-12G	30% Ethylene Glycol	101.4	3.51	4"x1	81.1	2.34	4"x1	121.6	4.98	4"x1
VF1-018-12H	30% Ethylene Glycol	101.4	3.51	4"x1	81.1	2.34	4"x1	121.6	4.98	4"x1
VF1-018-22G	30% Ethylene Glycol	101.4	4.40	4"x1	81.1	2.93	4"x1	121.6	6.24	4"x1
VF1-018-22H	30% Ethylene Glycol	101.4	4.40	4"x1	81.1	2.93	4"x1	121.6	6.24	4"x1
VF1-018-22J	30% Ethylene Glycol	101.4	4.40	4"x1	81.1	2.93	4"x1	121.6	6.24	4"x1
VF1-018-32G	30% Ethylene Glycol	101.4	5.41	4"x1	81.1	3.60	4"x1	121.6	7.67	4"x1
VF1-018-32H	30% Ethylene Glycol	101.4	5.41	4"x1	81.1	3.60	4"x1	121.6	7.67	4"x1
VF1-018-32J	30% Ethylene Glycol	101.4	5.41	4"x1	81.1	3.60	4"x1	121.6	7.67	4"x1
VF1-018-42G	30% Ethylene Glycol	101.4	6.39	4"x1	81.1	4.25	4"x1	121.6	9.06	4"x1
VF1-018-42H	30% Ethylene Glycol	101.4	6.39	4"x1	81.1	4.25	4"x1	121.6	9.06	4"x1



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-018-42J	30% Ethylene Glycol	101.4	6.39	4"x1	81.1	4.25	4"x1	121.6	9.06	4"x1
VF1-027-21H	30% Ethylene Glycol	205.3	3.18	4"x1	164.3	2.10	4"x1	246.4	4.45	4"x1
VF1-027-21J	30% Ethylene Glycol	205.3	3.18	4"x1	164.3	2.10	4"x1	246.4	4.45	4"x1
VF1-027-21K	30% Ethylene Glycol	205.3	3.18	4"x1	164.3	2.10	4"x1	246.4	4.45	4"x1
VF1-027-22H	30% Ethylene Glycol	101.4	5.99	4"x1	81.1	3.98	4"x1	121.6	8.49	4"x1
VF1-027-22J	30% Ethylene Glycol	101.4	5.99	4"x1	81.1	3.98	4"x1	121.6	8.49	4"x1
VF1-027-22K	30% Ethylene Glycol	101.4	5.99	4"x1	81.1	3.98	4"x1	121.6	8.49	4"x1
VF1-027-31H	30% Ethylene Glycol	205.3	3.75	4"x1	164.3	2.49	4"x1	246.4	5.26	4"x1
VF1-027-31J	30% Ethylene Glycol	205.3	3.75	4"x1	164.3	2.49	4"x1	246.4	5.26	4"x1
VF1-027-31K	30% Ethylene Glycol	205.3	3.75	4"x1	164.3	2.49	4"x1	246.4	5.26	4"x1
VF1-027-32H	30% Ethylene Glycol	101.4	7.20	4"x1	81.1	4.79	4"x1	121.6	10.21	4"x1
VF1-027-32J	30% Ethylene Glycol	101.4	7.20	4"x1	81.1	4.79	4"x1	121.6	10.21	4"x1
VF1-027-32K	30% Ethylene Glycol	101.4	7.20	4"x1	81.1	4.79	4"x1	121.6	10.21	4"x1
VF1-027-41H	30% Ethylene Glycol	205.3	4.38	4"x1	164.3	2.90	4"x1	246.4	6.13	4"x1
VF1-027-41J	30% Ethylene Glycol	205.3	4.38	4"x1	164.3	2.90	4"x1	246.4	6.13	4"x1
VF1-027-41K	30% Ethylene Glycol	205.3	4.38	4"x1	164.3	2.90	4"x1	246.4	6.13	4"x1
VF1-027-42H	30% Ethylene Glycol	101.4	8.52	4"x1	81.1	5.66	4"x1	121.6	12.08	4"x1
VF1-027-42J	30% Ethylene Glycol	101.4	8.52	4"x1	81.1	5.66	4"x1	121.6	12.08	4"x1
VF1-027-42K	30% Ethylene Glycol	101.4	8.52	4"x1	81.1	5.66	4"x1	121.6	12.08	4"x1
VF1-036-21J	30% Ethylene Glycol	205.3	3.87	4"x1	164.3	2.56	4"x1	246.4	5.41	4"x1
VF1-036-21K	30% Ethylene Glycol	205.3	3.87	4"x1	164.3	2.56	4"x1	246.4	5.41	4"x1
VF1-036-21L	30% Ethylene Glycol	205.3	3.87	4"x1	164.3	2.56	4"x1	246.4	5.41	4"x1
VF1-036-22J	30% Ethylene Glycol	101.4	7.44	4"x1	81.1	4.95	4"x1	121.6	10.55	4"x1
VF1-036-22K	30% Ethylene Glycol	101.4	7.44	4"x1	81.1	4.95	4"x1	121.6	10.55	4"x1
VF1-036-22L	30% Ethylene Glycol	101.4	7.44	4"x1	81.1	4.95	4"x1	121.6	10.55	4"x1



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-036-31J	30% Ethylene Glycol	205.3	4.66	4"x1	164.3	3.09	4"x1	246.4	6.53	4"x1
VF1-036-31K	30% Ethylene Glycol	205.3	4.66	4"x1	164.3	3.09	4"x1	246.4	6.53	4"x1
VF1-036-31L	30% Ethylene Glycol	205.3	4.66	4"x1	164.3	3.09	4"x1	246.4	6.53	4"x1
VF1-036-32J	30% Ethylene Glycol	101.4	9.12	4"x1	81.1	6.06	4"x1	121.6	12.93	4"x1
VF1-036-32K	30% Ethylene Glycol	101.4	9.12	4"x1	81.1	6.06	4"x1	121.6	12.93	4"x1
VF1-036-32L	30% Ethylene Glycol	101.4	9.12	4"x1	81.1	6.06	4"x1	121.6	12.93	4"x1
VF1-036-41J	30% Ethylene Glycol	205.3	5.44	4"x1	164.3	3.60	4"x1	246.4	7.62	4"x1
VF1-036-41K	30% Ethylene Glycol	205.3	5.44	4"x1	164.3	3.60	4"x1	246.4	7.62	4"x1
VF1-036-41L	30% Ethylene Glycol	205.3	5.44	4"x1	164.3	3.60	4"x1	246.4	7.62	4"x1
VF1-036-42J	30% Ethylene Glycol	101.4	10.76	4"x1	81.1	7.16	4"x1	121.6	15.26	4"x1
VF1-036-42K	30% Ethylene Glycol	101.4	10.76	4"x1	81.1	7.16	4"x1	121.6	15.26	4"x1
VF1-036-42L	30% Ethylene Glycol	101.4	10.76	4"x1	81.1	7.16	4"x1	121.6	15.26	4"x1
VF1-036-51J	30% Ethylene Glycol	205.3	6.21	4"x1	164.3	4.11	4"x1	246.4	8.70	4"x1
VF1-036-51K	30% Ethylene Glycol	205.3	6.21	4"x1	164.3	4.11	4"x1	246.4	8.70	4"x1
VF1-036-51L	30% Ethylene Glycol	205.3	6.21	4"x1	164.3	4.11	4"x1	246.4	8.70	4"x1
VF1-048-21L	30% Ethylene Glycol	207.7	2.26	4"x1	166.2	1.49	4"x1	249.3	3.14	4"x1
VF1-048-21M	30% Ethylene Glycol	207.7	2.26	4"x1	166.2	1.49	4"x1	249.3	3.14	4"x1
VF1-048-22L	30% Ethylene Glycol	102.0	3.99	4"x1	81.6	2.66	4"x1	122.4	5.55	4"x1
VF1-048-22M	30% Ethylene Glycol	102.0	3.99	4"x1	81.6	2.66	4"x1	122.4	5.55	4"x1
VF1-048-31M	30% Ethylene Glycol	207.7	2.69	4"x1	166.2	1.77	4"x1	249.3	3.75	4"x1
VF1-048-31N	30% Ethylene Glycol	207.7	2.69	4"x1	166.2	1.77	4"x1	249.3	3.75	4"x1
VF1-048-32M	30% Ethylene Glycol	102.0	4.89	4"x1	81.6	3.27	4"x1	122.4	6.81	4"x1
VF1-048-32N	30% Ethylene Glycol	102.0	4.89	4"x1	81.6	3.27	4"x1	122.4	6.81	4"x1
VF1-048-41M	30% Ethylene Glycol	207.7	3.06	4"x1	166.2	2.01	4"x1	249.3	4.26	4"x1
VF1-048-41N	30% Ethylene Glycol	207.7	3.06	4"x1	166.2	2.01	4"x1	249.3	4.26	4"x1



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-048-42M	30% Ethylene Glycol	102.0	5.66	4"x1	81.6	3.78	4"x1	122.4	7.88	4"x1
VF1-048-42N	30% Ethylene Glycol	102.0	5.66	4"x1	81.6	3.78	4"x1	122.4	7.88	4"x1
VF1-072-21M	30% Ethylene Glycol	821.4	12.64	4"x4	657.1	9.24	4"x2	985.6	17.73	4"x4
VF1-072-21N	30% Ethylene Glycol	821.4	12.64	4"x4	657.1	9.24	4"x2	985.6	17.73	4"x4
VF1-072-21O	30% Ethylene Glycol	821.4	12.64	4"x4	657.1	9.24	4"x2	985.6	17.73	4"x4
VF1-072-22M	30% Ethylene Glycol	405.3	28.69	4"x2	324.2	19.50	4"x1	486.3	40.20	4"x2
VF1-072-22N	30% Ethylene Glycol	405.3	28.69	4"x2	324.2	19.50	4"x1	486.3	40.20	4"x2
VF1-072-22O	30% Ethylene Glycol	405.3	28.69	4"x2	324.2	19.50	4"x1	486.3	40.20	4"x2
VF1-072-31M	30% Ethylene Glycol	821.4	15.51	4"x4	657.1	11.14	4"x2	985.6	21.77	4"x4
VF1-072-31N	30% Ethylene Glycol	821.4	15.51	4"x4	657.1	11.14	4"x2	985.6	21.77	4"x4
VF1-072-31O	30% Ethylene Glycol	821.4	15.51	4"x4	657.1	11.14	4"x2	985.6	21.77	4"x4
VF1-072-41M	30% Ethylene Glycol	821.4	18.33	4"x4	657.1	13.01	4"x2	985.6	25.71	4"x4
VF1-072-41N	30% Ethylene Glycol	821.4	18.33	4"x4	657.1	13.01	4"x2	985.6	25.71	4"x4
VF1-072-41O	30% Ethylene Glycol	821.4	18.33	4"x4	657.1	13.01	4"x2	985.6	25.71	4"x4
VF1-096-31O	30% Ethylene Glycol	827.0	10.61	4"x4	661.6	7.91	4"x2	992.3	14.86	4"x4
VF1-096-31P	30% Ethylene Glycol	827.0	10.61	4"x4	661.6	7.91	4"x2	992.3	14.86	4"x4
VF1-096-31Q	30% Ethylene Glycol	827.0	10.61	4"x4	661.6	7.91	4"x2	992.3	14.86	4"x4
VF1-096-32O	30% Ethylene Glycol	406.7	24.63	4"x2	325.3	16.76	4"x1	488.0	34.45	4"x2
VF1-096-32P	30% Ethylene Glycol	406.7	24.63	4"x2	325.3	16.76	4"x1	488.0	34.45	4"x2
VF1-096-32Q	30% Ethylene Glycol	406.7	24.63	4"x2	325.3	16.76	4"x1	488.0	34.45	4"x2
VF1-096-41O	30% Ethylene Glycol	827.0	12.20	4"x4	661.6	8.96	4"x2	992.3	17.07	4"x4
VF1-096-41P	30% Ethylene Glycol	827.0	12.20	4"x4	661.6	8.96	4"x2	992.3	17.07	4"x4
VF1-096-41Q	30% Ethylene Glycol	827.0	12.20	4"x4	661.6	8.96	4"x2	992.3	17.07	4"x4
VF1-096-42O	30% Ethylene Glycol	406.7	27.50	4"x2	325.3	18.65	4"x1	488.0	38.47	4"x2
VF1-096-42P	30% Ethylene Glycol	406.7	27.50	4"x2	325.3	18.65	4"x1	488.0	38.47	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-096-42Q	30% Ethylene Glycol	406.7	27.50	4"x2	325.3	18.65	4"x1	488.0	38.47	4"x2
VF1-096-51P	30% Ethylene Glycol	827.0	14.04	4"x4	661.6	10.18	4"x2	992.3	19.65	4"x4
VF1-096-51Q	30% Ethylene Glycol	827.0	14.04	4"x4	661.6	10.18	4"x2	992.3	19.65	4"x4
VF1-144-21P	30% Ethylene Glycol	841.4	4.27	4"x4	673.1	3.73	4"x2	1009.6	5.99	4"x4
VF1-144-21Q	30% Ethylene Glycol	841.4	4.27	4"x4	673.1	3.73	4"x2	1009.6	5.99	4"x4
VF1-144-21R	30% Ethylene Glycol	841.4	4.27	4"x4	673.1	3.73	4"x2	1009.6	5.99	4"x4
VF1-144-22P	30% Ethylene Glycol	410.3	10.68	4"x2	328.2	7.59	4"x1	492.3	14.97	4"x2
VF1-144-22Q	30% Ethylene Glycol	410.3	10.68	4"x2	328.2	7.59	4"x1	492.3	14.97	4"x2
VF1-144-22R	30% Ethylene Glycol	410.3	10.68	4"x2	328.2	7.59	4"x1	492.3	14.97	4"x2
VF1-144-31P	30% Ethylene Glycol	841.4	5.19	4"x4	673.1	4.34	4"x2	1009.6	7.28	4"x4
VF1-144-31Q	30% Ethylene Glycol	841.4	5.19	4"x4	673.1	4.34	4"x2	1009.6	7.28	4"x4
VF1-144-31R	30% Ethylene Glycol	841.4	5.19	4"x4	673.1	4.34	4"x2	1009.6	7.28	4"x4
VF1-144-32P	30% Ethylene Glycol	410.3	12.59	4"x2	328.2	8.85	4"x1	492.3	17.63	4"x2
VF1-144-32Q	30% Ethylene Glycol	410.3	12.59	4"x2	328.2	8.85	4"x1	492.3	17.63	4"x2
VF1-144-32R	30% Ethylene Glycol	410.3	12.59	4"x2	328.2	8.85	4"x1	492.3	17.63	4"x2
VF1-144-41P	30% Ethylene Glycol	841.4	5.97	4"x4	673.1	4.86	4"x2	1009.6	8.38	4"x4
VF1-144-41Q	30% Ethylene Glycol	841.4	5.97	4"x4	673.1	4.86	4"x2	1009.6	8.38	4"x4
VF1-144-41R	30% Ethylene Glycol	841.4	5.97	4"x4	673.1	4.86	4"x2	1009.6	8.38	4"x4
VF1-144-42P	30% Ethylene Glycol	410.3	14.21	4"x2	328.2	9.92	4"x1	492.3	19.91	4"x2
VF1-144-42Q	30% Ethylene Glycol	410.3	14.21	4"x2	328.2	9.92	4"x1	492.3	19.91	4"x2
VF1-144-42R	30% Ethylene Glycol	410.3	14.21	4"x2	328.2	9.92	4"x1	492.3	19.91	4"x2
VF1-144N-21P	30% Ethylene Glycol	827.0	11.99	4"x4	661.6	8.82	4"x2	992.3	16.79	4"x4
VF1-144N-21Q	30% Ethylene Glycol	827.0	11.99	4"x4	661.6	8.82	4"x2	992.3	16.79	4"x4
VF1-144N-21R	30% Ethylene Glycol	827.0	11.99	4"x4	661.6	8.82	4"x2	992.3	16.79	4"x4
VF1-144N-22P	30% Ethylene Glycol	406.7	27.08	4"x2	325.3	18.37	4"x1	488.0	37.89	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-144N-22Q	30% Ethylene Glycol	406.7	27.08	4"x2	325.3	18.37	4"x1	488.0	37.89	4"x2
VF1-144N-22R	30% Ethylene Glycol	406.7	27.08	4"x2	325.3	18.37	4"x1	488.0	37.89	4"x2
VF1-144N-31P	30% Ethylene Glycol	827.0	14.70	4"x4	661.6	10.61	4"x2	992.3	20.57	4"x4
VF1-144N-31Q	30% Ethylene Glycol	827.0	14.70	4"x4	661.6	10.61	4"x2	992.3	20.57	4"x4
VF1-144N-31R	30% Ethylene Glycol	827.0	14.70	4"x4	661.6	10.61	4"x2	992.3	20.57	4"x4
VF1-144N-32P	30% Ethylene Glycol									
VF1-144N-32Q	30% Ethylene Glycol									
VF1-144N-32R	30% Ethylene Glycol									
VF1-144N-41P	30% Ethylene Glycol	827.0	17.37	4"x4	661.6	12.39	4"x2	992.3	24.32	4"x4
VF1-144N-41Q	30% Ethylene Glycol	827.0	17.37	4"x4	661.6	12.39	4"x2	992.3	24.32	4"x4
VF1-144N-41R	30% Ethylene Glycol	827.0	17.37	4"x4	661.6	12.39	4"x2	992.3	24.32	4"x4
VF1-192-31O	30% Ethylene Glycol	854.2	3.52	4"x4	683.3	2.33	4"x4	1025.0	4.93	4"x4
VF1-192-31P	30% Ethylene Glycol	854.2	3.52	4"x4	683.3	2.33	4"x4	1025.0	4.93	4"x4
VF1-192-31Q	30% Ethylene Glycol	854.2	3.52	4"x4	683.3	2.33	4"x4	1025.0	4.93	4"x4
VF1-192-32O	30% Ethylene Glycol	413.5	7.25	4"x2	330.8	4.81	4"x2	496.2	10.16	4"x2
VF1-192-32P	30% Ethylene Glycol	413.5	7.25	4"x2	330.8	4.81	4"x2	496.2	10.16	4"x2
VF1-192-32Q	30% Ethylene Glycol	413.5	7.25	4"x2	330.8	4.81	4"x2	496.2	10.16	4"x2
VF1-192-41O	30% Ethylene Glycol	854.2	3.98	4"x4	683.3	2.64	4"x4	1025.0	5.58	4"x4
VF1-192-41P	30% Ethylene Glycol	854.2	3.98	4"x4	683.3	2.64	4"x4	1025.0	5.58	4"x4
VF1-192-41Q	30% Ethylene Glycol	854.2	3.98	4"x4	683.3	2.64	4"x4	1025.0	5.58	4"x4
VF1-192-42O	30% Ethylene Glycol	413.5	8.06	4"x2	330.8	5.36	4"x2	496.2	11.31	4"x2
VF1-192-42P	30% Ethylene Glycol	413.5	8.06	4"x2	330.8	5.36	4"x2	496.2	11.31	4"x2
VF1-192-42Q	30% Ethylene Glycol	413.5	8.06	4"x2	330.8	5.36	4"x2	496.2	11.31	4"x2
VF1-192-51P	30% Ethylene Glycol	854.2	4.52	4"x4	683.3	2.99	4"x4	1025.0	6.34	4"x4
VF1-192-51Q	30% Ethylene Glycol	854.2	4.52	4"x4	683.3	2.99	4"x4	1025.0	6.34	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-216-21N	30% Ethylene Glycol	841.4	5.93	4"x4	673.1	4.84	4"x2	1009.6	8.33	4"x4
VF1-216-21O	30% Ethylene Glycol	841.4	5.93	4"x4	673.1	4.84	4"x2	1009.6	8.33	4"x4
VF1-216-21P	30% Ethylene Glycol	841.4	5.93	4"x4	673.1	4.84	4"x2	1009.6	8.33	4"x4
VF1-216-22N	30% Ethylene Glycol	410.3	14.13	4"x2	328.2	9.87	4"x1	492.3	19.79	4"x2
VF1-216-22O	30% Ethylene Glycol	410.3	14.13	4"x2	328.2	9.87	4"x1	492.3	19.79	4"x2
VF1-216-22P	30% Ethylene Glycol	410.3	14.13	4"x2	328.2	9.87	4"x1	492.3	19.79	4"x2
VF1-216-31N	30% Ethylene Glycol	841.4	7.20	4"x4	673.1	5.68	4"x2	1009.6	10.10	4"x4
VF1-216-31O	30% Ethylene Glycol	841.4	7.20	4"x4	673.1	5.68	4"x2	1009.6	10.10	4"x4
VF1-216-31P	30% Ethylene Glycol	841.4	7.20	4"x4	673.1	5.68	4"x2	1009.6	10.10	4"x4
VF1-216-41O	30% Ethylene Glycol	841.4	8.46	4"x4	673.1	6.51	4"x2	1009.6	11.87	4"x4
VF1-216-41P	30% Ethylene Glycol	841.4	8.46	4"x4	673.1	6.51	4"x2	1009.6	11.87	4"x4
VF1-216-41Q	30% Ethylene Glycol	841.4	8.46	4"x4	673.1	6.51	4"x2	1009.6	11.87	4"x4
VF1-288-21P	30% Ethylene Glycol	883.0	1.71	4"x4	706.4	1.14	4"x4	1059.5	2.40	4"x4
VF1-288-21Q	30% Ethylene Glycol	883.0	1.71	4"x4	706.4	1.14	4"x4	1059.5	2.40	4"x4
VF1-288-21R	30% Ethylene Glycol	883.0	1.71	4"x4	706.4	1.14	4"x4	1059.5	2.40	4"x4
VF1-288-22P	30% Ethylene Glycol	420.7	3.34	4"x2	336.5	2.22	4"x2	504.8	4.68	4"x2
VF1-288-22Q	30% Ethylene Glycol	420.7	3.34	4"x2	336.5	2.22	4"x2	504.8	4.68	4"x2
VF1-288-22R	30% Ethylene Glycol	420.7	3.34	4"x2	336.5	2.22	4"x2	504.8	4.68	4"x2
VF1-288-31P	30% Ethylene Glycol	883.0	1.99	4"x4	706.4	1.32	4"x4	1059.5	2.79	4"x4
VF1-288-31Q	30% Ethylene Glycol	883.0	1.99	4"x4	706.4	1.32	4"x4	1059.5	2.79	4"x4
VF1-288-31R	30% Ethylene Glycol	883.0	1.99	4"x4	706.4	1.32	4"x4	1059.5	2.79	4"x4
VF1-288-32P	30% Ethylene Glycol	420.7	3.90	4"x2	336.5	2.58	4"x2	504.8	5.46	4"x2
VF1-288-32Q	30% Ethylene Glycol	420.7	3.90	4"x2	336.5	2.58	4"x2	504.8	5.46	4"x2
VF1-288-32R	30% Ethylene Glycol	420.7	3.90	4"x2	336.5	2.58	4"x2	504.8	5.46	4"x2
VF1-288-41Q	30% Ethylene Glycol	883.0	2.23	4"x4	706.4	1.48	4"x4	1059.5	3.13	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-288-41R	30% Ethylene Glycol	883.0	2.23	4"x4	706.4	1.48	4"x4	1059.5	3.13	4"x4
VF1-288-42Q	30% Ethylene Glycol	420.7	4.37	4"x2	336.5	2.90	4"x2	504.8	6.12	4"x2
VF1-288-42R	30% Ethylene Glycol	420.7	4.37	4"x2	336.5	2.90	4"x2	504.8	6.12	4"x2
VF1-288N-21P	30% Ethylene Glycol	854.2	3.92	4"x4	683.3	2.60	4"x4	1025.0	5.50	4"x4
VF1-288N-21Q	30% Ethylene Glycol	854.2	3.92	4"x4	683.3	2.60	4"x4	1025.0	5.50	4"x4
VF1-288N-21R	30% Ethylene Glycol	854.2	3.92	4"x4	683.3	2.60	4"x4	1025.0	5.50	4"x4
VF1-288N-22P	30% Ethylene Glycol	413.5	7.94	4"x2	330.8	5.28	4"x2	496.2	11.14	4"x2
VF1-288N-22Q	30% Ethylene Glycol	413.5	7.94	4"x2	330.8	5.28	4"x2	496.2	11.14	4"x2
VF1-288N-22R	30% Ethylene Glycol	413.5	7.94	4"x2	330.8	5.28	4"x2	496.2	11.14	4"x2
VF1-288N-31P	30% Ethylene Glycol	854.2	4.72	4"x4	683.3	3.12	4"x4	1025.0	6.61	4"x4
VF1-288N-31Q	30% Ethylene Glycol	854.2	4.72	4"x4	683.3	3.12	4"x4	1025.0	6.61	4"x4
VF1-288N-31R	30% Ethylene Glycol	854.2	4.72	4"x4	683.3	3.12	4"x4	1025.0	6.61	4"x4
VF1-288N-32P	30% Ethylene Glycol	413.5	9.56	4"x2	330.8	6.35	4"x2	496.2	13.42	4"x2
VF1-288N-32Q	30% Ethylene Glycol	413.5	9.56	4"x2	330.8	6.35	4"x2	496.2	13.42	4"x2
VF1-288N-32R	30% Ethylene Glycol	413.5	9.56	4"x2	330.8	6.35	4"x2	496.2	13.42	4"x2
VF1-288N-41P	30% Ethylene Glycol	854.2	5.51	4"x4	683.3	3.64	4"x4	1025.0	7.72	4"x4
VF1-288N-41Q	30% Ethylene Glycol	854.2	5.51	4"x4	683.3	3.64	4"x4	1025.0	7.72	4"x4
VF1-288N-41R	30% Ethylene Glycol	854.2	5.51	4"x4	683.3	3.64	4"x4	1025.0	7.72	4"x4
VF1-432-21N	30% Ethylene Glycol	883.0	2.22	4"x4	706.4	1.47	4"x4	1059.5	3.11	4"x4
VF1-432-21O	30% Ethylene Glycol	883.0	2.22	4"x4	706.4	1.47	4"x4	1059.5	3.11	4"x4
VF1-432-21P	30% Ethylene Glycol	883.0	2.22	4"x4	706.4	1.47	4"x4	1059.5	3.11	4"x4
VF1-432-22N	30% Ethylene Glycol	420.7	4.35	4"x2	336.5	2.88	4"x2	504.8	6.09	4"x2
VF1-432-22O	30% Ethylene Glycol	420.7	4.35	4"x2	336.5	2.88	4"x2	504.8	6.09	4"x2
VF1-432-22P	30% Ethylene Glycol	420.7	4.35	4"x2	336.5	2.88	4"x2	504.8	6.09	4"x2
VF1-432-31N	30% Ethylene Glycol	883.0	2.61	4"x4	706.4	1.72	4"x4	1059.5	3.65	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-432-31O	30% Ethylene Glycol	883.0	2.61	4"x4	706.4	1.72	4"x4	1059.5	3.65	4"x4
VF1-432-31P	30% Ethylene Glycol	883.0	2.61	4"x4	706.4	1.72	4"x4	1059.5	3.65	4"x4
VF1-432-41O	30% Ethylene Glycol	883.0	2.99	4"x4	706.4	1.98	4"x4	1059.5	4.19	4"x4
VF1-432-41P	30% Ethylene Glycol	883.0	2.99	4"x4	706.4	1.98	4"x4	1059.5	4.19	4"x4
VF1-432-41Q	30% Ethylene Glycol	883.0	2.99	4"x4	706.4	1.98	4"x4	1059.5	4.19	4"x4
VFL-012-02F	30% Ethylene Glycol	101.7	1.43	3"x1	81.3	0.94	3"x1	122.0	1.99	3"x1
VFL-012-02G	30% Ethylene Glycol	101.7	1.43	3"x1	81.3	0.94	3"x1	122.0	1.99	3"x1
VFL-012-02H	30% Ethylene Glycol	101.7	1.43	3"x1	81.3	0.94	3"x1	122.0	1.99	3"x1
VFL-012-12F	30% Ethylene Glycol	101.7	1.70	3"x1	81.3	1.11	3"x1	122.0	2.36	3"x1
VFL-012-12G	30% Ethylene Glycol	101.7	1.70	3"x1	81.3	1.11	3"x1	122.0	2.36	3"x1
VFL-012-12H	30% Ethylene Glycol	101.7	1.70	3"x1	81.3	1.11	3"x1	122.0	2.36	3"x1
VFL-012-22F	30% Ethylene Glycol	101.7	2.10	3"x1	81.3	1.37	3"x1	122.0	2.92	3"x1
VFL-012-22G	30% Ethylene Glycol	101.7	2.10	3"x1	81.3	1.37	3"x1	122.0	2.92	3"x1
VFL-012-22H	30% Ethylene Glycol	101.7	2.10	3"x1	81.3	1.37	3"x1	122.0	2.92	3"x1
VFL-012-32F	30% Ethylene Glycol	101.7	2.38	3"x1	81.3	1.56	3"x1	122.0	3.32	3"x1
VFL-012-32G	30% Ethylene Glycol	101.7	2.38	3"x1	81.3	1.56	3"x1	122.0	3.32	3"x1
VFL-012-32H	30% Ethylene Glycol	101.7	2.38	3"x1	81.3	1.56	3"x1	122.0	3.32	3"x1
VFL-024-12H	30% Ethylene Glycol	101.7	2.45	4"x1	81.3	1.60	4"x1	122.0	3.41	4"x1
VFL-024-22H	30% Ethylene Glycol	101.7	3.12	4"x1	81.3	2.04	4"x1	122.0	4.34	4"x1
VFL-024-22J	30% Ethylene Glycol	101.7	3.12	4"x1	81.3	2.04	4"x1	122.0	4.34	4"x1
VFL-024-32H	30% Ethylene Glycol	101.7	3.67	4"x1	81.3	2.40	4"x1	122.0	5.11	4"x1
VFL-024-32J	30% Ethylene Glycol	101.7	3.67	4"x1	81.3	2.40	4"x1	122.0	5.11	4"x1
VFL-036-22J	30% Ethylene Glycol	101.7	4.11	4"x1	81.3	2.68	4"x1	122.0	5.72	4"x1
VFL-036-22K	30% Ethylene Glycol	101.7	4.11	4"x1	81.3	2.68	4"x1	122.0	5.72	4"x1
VFL-036-22L	30% Ethylene Glycol	101.7	4.11	4"x1	81.3	2.68	4"x1	122.0	5.72	4"x1



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VFL-036-22M	30% Ethylene Glycol	101.7	4.11	4"x1	81.3	2.68	4"x1	122.0	5.72	4"x1
VFL-036-31K	30% Ethylene Glycol	206.7	2.66	4"x1	165.4	1.75	4"x1	248.1	3.72	4"x1
VFL-036-31L	30% Ethylene Glycol	206.7	2.66	4"x1	165.4	1.75	4"x1	248.1	3.72	4"x1
VFL-036-31M	30% Ethylene Glycol	206.7	2.66	4"x1	165.4	1.75	4"x1	248.1	3.72	4"x1
VFL-036-32K	30% Ethylene Glycol	101.7	4.89	4"x1	81.3	3.19	4"x1	122.0	6.81	4"x1
VFL-036-32L	30% Ethylene Glycol	101.7	4.89	4"x1	81.3	3.19	4"x1	122.0	6.81	4"x1
VFL-036-32M	30% Ethylene Glycol	101.7	4.89	4"x1	81.3	3.19	4"x1	122.0	6.81	4"x1
VFL-048-22K	30% Ethylene Glycol	101.7	5.11	4"x1	81.3	3.34	4"x1	122.0	7.11	4"x1
VFL-048-22L	30% Ethylene Glycol	101.7	5.11	4"x1	81.3	3.34	4"x1	122.0	7.11	4"x1
VFL-048-22M	30% Ethylene Glycol	101.7	5.11	4"x1	81.3	3.34	4"x1	122.0	7.11	4"x1
VFL-048-31K	30% Ethylene Glycol	206.7	3.24	4"x1	165.4	2.13	4"x1	248.1	4.52	4"x1
VFL-048-31L	30% Ethylene Glycol	206.7	3.24	4"x1	165.4	2.13	4"x1	248.1	4.52	4"x1
VFL-048-31M	30% Ethylene Glycol	206.7	3.24	4"x1	165.4	2.13	4"x1	248.1	4.52	4"x1
VFL-048-32K	30% Ethylene Glycol	101.7	6.11	4"x1	81.3	3.99	4"x1	122.0	8.50	4"x1
VFL-048-32L	30% Ethylene Glycol	101.7	6.11	4"x1	81.3	3.99	4"x1	122.0	8.50	4"x1
VFL-048-32M	30% Ethylene Glycol	101.7	6.11	4"x1	81.3	3.99	4"x1	122.0	8.50	4"x1
VFL-048-41L	30% Ethylene Glycol	206.7	3.77	4"x1	165.4	2.48	4"x1	248.1	5.26	4"x1
VFL-048-41M	30% Ethylene Glycol	206.7	3.77	4"x1	165.4	2.48	4"x1	248.1	5.26	4"x1
VFL-048-42L	30% Ethylene Glycol	101.7	7.23	4"x1	81.3	4.72	4"x1	122.0	10.06	4"x1
VFL-048-42M	30% Ethylene Glycol	101.7	7.23	4"x1	81.3	4.72	4"x1	122.0	10.06	4"x1
VFL-072-22M	30% Ethylene Glycol	406.7	16.48	4"x2	325.3	11.38	4"x1	488.0	23.05	4"x2
VFL-072-22N	30% Ethylene Glycol	406.7	16.48	4"x2	325.3	11.38	4"x1	488.0	23.05	4"x2
VFL-072-22O	30% Ethylene Glycol	406.7	16.48	4"x2	325.3	11.38	4"x1	488.0	23.05	4"x2
VFL-072-22P	30% Ethylene Glycol	406.7	16.48	4"x2	325.3	11.38	4"x1	488.0	23.05	4"x2
VFL-072-31N	30% Ethylene Glycol	827.0	8.23	4"x4	661.6	6.34	4"x2	992.3	11.53	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VFL-072-31O	30% Ethylene Glycol	827.0	8.23	4"x4	661.6	6.34	4"x2	992.3	11.53	4"x4
VFL-072-31P	30% Ethylene Glycol	827.0	8.23	4"x4	661.6	6.34	4"x2	992.3	11.53	4"x4
VFL-072-32N	30% Ethylene Glycol	406.7	19.27	4"x2	325.3	13.22	4"x1	488.0	26.95	4"x2
VFL-072-32O	30% Ethylene Glycol	406.7	19.27	4"x2	325.3	13.22	4"x1	488.0	26.95	4"x2
VFL-072-32P	30% Ethylene Glycol	406.7	19.27	4"x2	325.3	13.22	4"x1	488.0	26.95	4"x2
VFL-072-41N	30% Ethylene Glycol	827.0	9.75	4"x4	661.6	7.35	4"x2	992.3	13.65	4"x4
VFL-072-41O	30% Ethylene Glycol	827.0	9.75	4"x4	661.6	7.35	4"x2	992.3	13.65	4"x4
VFL-072-41P	30% Ethylene Glycol	827.0	9.75	4"x4	661.6	7.35	4"x2	992.3	13.65	4"x4
VFL-072-42N	30% Ethylene Glycol	406.7	22.66	4"x2	325.3	15.46	4"x1	488.0	31.70	4"x2
VFL-072-42O	30% Ethylene Glycol	406.7	22.66	4"x2	325.3	15.46	4"x1	488.0	31.70	4"x2
VFL-072-42P	30% Ethylene Glycol	406.7	22.66	4"x2	325.3	15.46	4"x1	488.0	31.70	4"x2
VFL-096-41N	30% Ethylene Glycol	827.0	12.21	4"x4	661.6	8.98	4"x2	992.3	17.10	4"x4
VFL-096-41O	30% Ethylene Glycol	827.0	12.21	4"x4	661.6	8.98	4"x2	992.3	17.10	4"x4
VFL-096-41P	30% Ethylene Glycol	827.0	12.21	4"x4	661.6	8.98	4"x2	992.3	17.10	4"x4
VFL-096-42N	30% Ethylene Glycol	406.7	27.50	4"x2	325.3	18.65	4"x1	488.0	38.47	4"x2
VFL-096-42O	30% Ethylene Glycol	406.7	27.50	4"x2	325.3	18.65	4"x1	488.0	38.47	4"x2
VFL-096-42P	30% Ethylene Glycol	406.7	27.50	4"x2	325.3	18.65	4"x1	488.0	38.47	4"x2
VF1-1012N-4D2AS-O1	30% Ethylene Glycol	589.1	3.43	4"x2	471.3	2.27	4"x2	706.9	4.80	4"x2
VF1-1012N-4D2AS-P1	30% Ethylene Glycol	589.1	3.43	4"x2	471.3	2.27	4"x2	706.9	4.80	4"x2
VF1-1012N-4D2AS-Q1	30% Ethylene Glycol	589.1	3.43	4"x2	471.3	2.27	4"x2	706.9	4.80	4"x2
VF1-1012N-4D2AS-R1	30% Ethylene Glycol	589.1	3.43	4"x2	471.3	2.27	4"x2	706.9	4.80	4"x2
VF1-1012N-5D2AS-O1	30% Ethylene Glycol	589.1	4.06	4"x2	471.3	2.68	4"x2	706.9	5.68	4"x2
VF1-1012N-5D2AS-P1	30% Ethylene Glycol	589.1	4.06	4"x2	471.3	2.68	4"x2	706.9	5.68	4"x2
VF1-1012N-5D2AS-Q1	30% Ethylene Glycol	589.1	4.06	4"x2	471.3	2.68	4"x2	706.9	5.68	4"x2
VF1-1012N-5D2AS-R1	30% Ethylene Glycol	589.1	4.06	4"x2	471.3	2.68	4"x2	706.9	5.68	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1012N-6D2AS-O1	30% Ethylene Glycol	589.1	4.69	4"x2	471.3	3.10	4"x2	706.9	6.57	4"x2
VF1-1012N-6D2AS-P1	30% Ethylene Glycol	589.1	4.69	4"x2	471.3	3.10	4"x2	706.9	6.57	4"x2
VF1-1012N-6D2AS-Q1	30% Ethylene Glycol	589.1	4.69	4"x2	471.3	3.10	4"x2	706.9	6.57	4"x2
VF1-1012N-6D2AS-R1	30% Ethylene Glycol	589.1	4.69	4"x2	471.3	3.10	4"x2	706.9	6.57	4"x2
VF1-1012N-6D2AS-S1	30% Ethylene Glycol	589.1	4.69	4"x2	471.3	3.10	4"x2	706.9	6.57	4"x2
VF1-1012N-7D2AS-O1	30% Ethylene Glycol	589.1	5.32	4"x2	471.3	3.52	4"x2	706.9	7.45	4"x2
VF1-1012N-7D2AS-P1	30% Ethylene Glycol	589.1	5.32	4"x2	471.3	3.52	4"x2	706.9	7.45	4"x2
VF1-1012N-7D2AS-Q1	30% Ethylene Glycol	589.1	5.32	4"x2	471.3	3.52	4"x2	706.9	7.45	4"x2
VF1-1012N-7D2AS-R1	30% Ethylene Glycol	589.1	5.32	4"x2	471.3	3.52	4"x2	706.9	7.45	4"x2
VF1-1012N-7D2AS-S1	30% Ethylene Glycol	989.0	12.19	4"x4	791.2	9.17	4"x2	1186.7	17.09	4"x4
VF1-1012N-8D2AS-O1	30% Ethylene Glycol	589.1	5.95	4"x2	471.3	3.94	4"x2	706.9	8.34	4"x2
VF1-1012N-8D2AS-P1	30% Ethylene Glycol	589.1	5.95	4"x2	471.3	3.94	4"x2	706.9	8.34	4"x2
VF1-1012N-8D2AS-Q1	30% Ethylene Glycol	589.1	5.95	4"x2	471.3	3.94	4"x2	706.9	8.34	4"x2
VF1-1012N-8D2AS-R1	30% Ethylene Glycol	589.1	5.95	4"x2	471.3	3.94	4"x2	706.9	8.34	4"x2
VF1-1012N-8D2AS-S1	30% Ethylene Glycol	989.0	13.84	4"x4	791.2	10.26	4"x2	1186.7	19.39	4"x4
VF1-1018N-4D2AS-N2	30% Ethylene Glycol	589.1	4.49	4"x2	471.3	2.97	4"x2	706.9	6.30	4"x2
VF1-1018N-4D2AS-O2	30% Ethylene Glycol	589.1	4.49	4"x2	471.3	2.97	4"x2	706.9	6.30	4"x2
VF1-1018N-4D2AS-P2	30% Ethylene Glycol	989.0	10.04	4"x4	791.2	7.75	4"x2	1186.7	14.08	4"x4
VF1-1018N-4D2AS-Q2	30% Ethylene Glycol	989.0	10.04	4"x4	791.2	7.75	4"x2	1186.7	14.08	4"x4
VF1-1018N-5D2AS-N2	30% Ethylene Glycol	589.1	5.39	4"x2	471.3	3.57	4"x2	706.9	7.56	4"x2
VF1-1018N-5D2AS-O2	30% Ethylene Glycol	989.0	12.39	4"x4	791.2	9.30	4"x2	1186.7	17.36	4"x4
VF1-1018N-5D2AS-P2	30% Ethylene Glycol	989.0	12.39	4"x4	791.2	9.30	4"x2	1186.7	17.36	4"x4
VF1-1018N-5D2AS-Q2	30% Ethylene Glycol	989.0	12.39	4"x4	791.2	9.30	4"x2	1186.7	17.36	4"x4
VF1-1018N-6D2AS-N2	30% Ethylene Glycol	989.0	14.73	4"x4	791.2	10.85	4"x2	1186.7	20.64	4"x4
VF1-1018N-6D2AS-O2	30% Ethylene Glycol	989.0	14.73	4"x4	791.2	10.85	4"x2	1186.7	20.64	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1018N-6D2AS-P2	30% Ethylene Glycol	989.0	14.73	4"x4	791.2	10.85	4"x2	1186.7	20.64	4"x4
VF1-1018N-6D2AS-Q2	30% Ethylene Glycol	989.0	14.73	4"x4	791.2	10.85	4"x2	1186.7	20.64	4"x4
VF1-1018N-7D2AS-N2	30% Ethylene Glycol	989.0	17.07	4"x4	791.2	12.40	4"x2	1186.7	23.92	4"x4
VF1-1018N-7D2AS-O2	30% Ethylene Glycol	989.0	17.07	4"x4	791.2	12.40	4"x2	1186.7	23.92	4"x4
VF1-1018N-7D2AS-P2	30% Ethylene Glycol	989.0	17.07	4"x4	791.2	12.40	4"x2	1186.7	23.92	4"x4
VF1-1018N-7D2AS-Q2	30% Ethylene Glycol	989.0	17.07	4"x4	791.2	12.40	4"x2	1186.7	23.92	4"x4
VF1-1018N-8D2AS-N2	30% Ethylene Glycol	989.0	19.41	4"x4	791.2	13.95	4"x2	1186.7	27.20	4"x4
VF1-1018N-8D2AS-O2	30% Ethylene Glycol	989.0	19.41	4"x4	791.2	13.95	4"x2	1186.7	27.20	4"x4
VF1-1018N-8D2AS-P2	30% Ethylene Glycol	989.0	19.41	4"x4	791.2	13.95	4"x2	1186.7	27.20	4"x4
VF1-1018N-8D2AS-Q2	30% Ethylene Glycol	989.0	19.41	4"x4	791.2	13.95	4"x2	1186.7	27.20	4"x4
VF1-1012N-4D2AT-O1	30% Ethylene Glycol	447.2	11.29	4"x2	357.7	8.48	4"x1	536.6	15.85	4"x2
VF1-1012N-4D2AT-P1	30% Ethylene Glycol	447.2	11.29	4"x2	357.7	8.48	4"x1	536.6	15.85	4"x2
VF1-1012N-4D2AT-Q1	30% Ethylene Glycol	447.2	11.29	4"x2	357.7	8.48	4"x1	536.6	15.85	4"x2
VF1-1012N-4D2AT-R1	30% Ethylene Glycol	447.2	11.29	4"x2	357.7	8.48	4"x1	536.6	15.85	4"x2
VF1-1012N-5D2AT-O1	30% Ethylene Glycol	447.2	13.96	4"x2	357.7	10.25	4"x1	536.6	19.60	4"x2
VF1-1012N-5D2AT-P1	30% Ethylene Glycol	447.2	13.96	4"x2	357.7	10.25	4"x1	536.6	19.60	4"x2
VF1-1012N-5D2AT-Q1	30% Ethylene Glycol	447.2	13.96	4"x2	357.7	10.25	4"x1	536.6	19.60	4"x2
VF1-1012N-5D2AT-R1	30% Ethylene Glycol	447.2	13.96	4"x2	357.7	10.25	4"x1	536.6	19.60	4"x2
VF1-1012N-6D2AT-O1	30% Ethylene Glycol	447.2	16.64	4"x2	357.7	12.03	4"x1	536.6	23.36	4"x2
VF1-1012N-6D2AT-P1	30% Ethylene Glycol	447.2	16.64	4"x2	357.7	12.03	4"x1	536.6	23.36	4"x2
VF1-1012N-6D2AT-Q1	30% Ethylene Glycol	447.2	16.64	4"x2	357.7	12.03	4"x1	536.6	23.36	4"x2
VF1-1012N-6D2AT-R1	30% Ethylene Glycol	447.2	16.64	4"x2	357.7	12.03	4"x1	536.6	23.36	4"x2
VF1-1012N-6D2AT-S1	30% Ethylene Glycol									
VF1-1012N-7D2AT-O1	30% Ethylene Glycol	447.2	19.32	4"x2	357.7	13.80	4"x1	536.6	27.12	4"x2
VF1-1012N-7D2AT-P1	30% Ethylene Glycol	447.2	19.32	4"x2	357.7	13.80	4"x1	536.6	27.12	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1018N-8D2AT-O2	30% Ethylene Glycol									
VF1-1018N-8D2AT-P2	30% Ethylene Glycol									
VF1-1018N-8D2AT-Q2	30% Ethylene Glycol									
VF1-1024N-4D2AS-O2	30% Ethylene Glycol	778.3	1.59	4"x4	622.6	1.06	4"x4	933.9	2.23	4"x4
VF1-1024N-4D2AS-P2	30% Ethylene Glycol	778.3	1.59	4"x4	622.6	1.06	4"x4	933.9	2.23	4"x4
VF1-1024N-4D2AS-Q2	30% Ethylene Glycol	778.3	1.59	4"x4	622.6	1.06	4"x4	933.9	2.23	4"x4
VF1-1024N-4D2AS-R2	30% Ethylene Glycol	778.3	1.59	4"x4	622.6	1.06	4"x4	933.9	2.23	4"x4
VF1-1024N-5D2AS-O2	30% Ethylene Glycol	778.3	1.89	4"x4	622.6	1.25	4"x4	933.9	2.64	4"x4
VF1-1024N-5D2AS-P2	30% Ethylene Glycol	778.3	1.89	4"x4	622.6	1.25	4"x4	933.9	2.64	4"x4
VF1-1024N-5D2AS-Q2	30% Ethylene Glycol	778.3	1.89	4"x4	622.6	1.25	4"x4	933.9	2.64	4"x4
VF1-1024N-5D2AS-R2	30% Ethylene Glycol	778.3	1.89	4"x4	622.6	1.25	4"x4	933.9	2.64	4"x4
VF1-1024N-6D2AS-O2	30% Ethylene Glycol	778.3	2.18	4"x4	622.6	1.45	4"x4	933.9	3.05	4"x4
VF1-1024N-6D2AS-P2	30% Ethylene Glycol	778.3	2.18	4"x4	622.6	1.45	4"x4	933.9	3.05	4"x4
VF1-1024N-6D2AS-Q2	30% Ethylene Glycol	778.3	2.18	4"x4	622.6	1.45	4"x4	933.9	3.05	4"x4
VF1-1024N-6D2AS-R2	30% Ethylene Glycol	778.3	2.18	4"x4	622.6	1.45	4"x4	933.9	3.05	4"x4
VF1-1024N-6D2AS-S2	30% Ethylene Glycol	778.3	2.18	4"x4	622.6	1.45	4"x4	933.9	3.05	4"x4
VF1-1024N-7D2AS-O2	30% Ethylene Glycol	778.3	2.47	4"x4	622.6	1.64	4"x4	933.9	3.46	4"x4
VF1-1024N-7D2AS-P2	30% Ethylene Glycol	778.3	2.47	4"x4	622.6	1.64	4"x4	933.9	3.46	4"x4
VF1-1024N-7D2AS-Q2	30% Ethylene Glycol	778.3	2.47	4"x4	622.6	1.64	4"x4	933.9	3.46	4"x4
VF1-1024N-7D2AS-R2	30% Ethylene Glycol	778.3	2.47	4"x4	622.6	1.64	4"x4	933.9	3.46	4"x4
VF1-1024N-7D2AS-S2	30% Ethylene Glycol	1178.2	5.32	4"x4	942.5	3.53	4"x4	1413.8	7.45	4"x4
VF1-1024N-8D2AS-O2	30% Ethylene Glycol	778.3	2.76	4"x4	622.6	1.83	4"x4	933.9	3.87	4"x4
VF1-1024N-8D2AS-P2	30% Ethylene Glycol	778.3	2.76	4"x4	622.6	1.83	4"x4	933.9	3.87	4"x4
VF1-1024N-8D2AS-Q2	30% Ethylene Glycol	778.3	2.76	4"x4	622.6	1.83	4"x4	933.9	3.87	4"x4
VF1-1024N-8D2AS-R2	30% Ethylene Glycol	778.3	2.76	4"x4	622.6	1.83	4"x4	933.9	3.87	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1024N-8D2AS-S2	30% Ethylene Glycol	1178.2	5.95	4"x4	942.5	3.94	4"x4	1413.8	8.34	4"x4
VF1-1036N-4D2AS-N4	30% Ethylene Glycol	778.3	2.09	4"x4	622.6	1.39	4"x4	933.9	2.93	4"x4
VF1-1036N-4D2AS-O4	30% Ethylene Glycol	778.3	2.09	4"x4	622.6	1.39	4"x4	933.9	2.93	4"x4
VF1-1036N-4D2AS-P4	30% Ethylene Glycol	1178.2	4.49	4"x4	942.5	2.98	4"x4	1413.8	6.30	4"x4
VF1-1036N-4D2AS-Q4	30% Ethylene Glycol	1178.2	4.49	4"x4	942.5	2.98	4"x4	1413.8	6.30	4"x4
VF1-1036N-5D2AS-N4	30% Ethylene Glycol	778.3	2.51	4"x4	622.6	1.66	4"x4	933.9	3.51	4"x4
VF1-1036N-5D2AS-O4	30% Ethylene Glycol	1178.2	5.39	4"x4	942.5	3.57	4"x4	1413.8	7.56	4"x4
VF1-1036N-5D2AS-P4	30% Ethylene Glycol	1178.2	5.39	4"x4	942.5	3.57	4"x4	1413.8	7.56	4"x4
VF1-1036N-5D2AS-Q4	30% Ethylene Glycol	1178.2	5.39	4"x4	942.5	3.57	4"x4	1413.8	7.56	4"x4
VF1-1036N-6D2AS-N4	30% Ethylene Glycol	1178.2	6.29	4"x4	942.5	4.17	4"x4	1413.8	8.81	4"x4
VF1-1036N-6D2AS-O4	30% Ethylene Glycol	1178.2	6.29	4"x4	942.5	4.17	4"x4	1413.8	8.81	4"x4
VF1-1036N-6D2AS-P4	30% Ethylene Glycol	1178.2	6.29	4"x4	942.5	4.17	4"x4	1413.8	8.81	4"x4
VF1-1036N-6D2AS-Q4	30% Ethylene Glycol	1178.2	6.29	4"x4	942.5	4.17	4"x4	1413.8	8.81	4"x4
VF1-1036N-7D2AS-N4	30% Ethylene Glycol	1178.2	7.19	4"x4	942.5	4.76	4"x4	1413.8	10.07	4"x4
VF1-1036N-7D2AS-O4	30% Ethylene Glycol	1178.2	7.19	4"x4	942.5	4.76	4"x4	1413.8	10.07	4"x4
VF1-1036N-7D2AS-P4	30% Ethylene Glycol	1178.2	7.19	4"x4	942.5	4.76	4"x4	1413.8	10.07	4"x4
VF1-1036N-7D2AS-Q4	30% Ethylene Glycol	1178.2	7.19	4"x4	942.5	4.76	4"x4	1413.8	10.07	4"x4
VF1-1036N-8D2AS-N4	30% Ethylene Glycol	1178.2	8.08	4"x4	942.5	5.36	4"x4	1413.8	11.33	4"x4
VF1-1036N-8D2AS-O4	30% Ethylene Glycol	1178.2	8.08	4"x4	942.5	5.36	4"x4	1413.8	11.33	4"x4
VF1-1036N-8D2AS-P4	30% Ethylene Glycol	1178.2	8.08	4"x4	942.5	5.36	4"x4	1413.8	11.33	4"x4
VF1-1036N-8D2AS-Q4	30% Ethylene Glycol	1178.2	8.08	4"x4	942.5	5.36	4"x4	1413.8	11.33	4"x4
VF1-1024N-4D2AT-O2	30% Ethylene Glycol	494.5	4.27	4"x2	395.6	2.84	4"x2	593.4	5.98	4"x2
VF1-1024N-4D2AT-P2	30% Ethylene Glycol	494.5	4.27	4"x2	395.6	2.84	4"x2	593.4	5.98	4"x2
VF1-1024N-4D2AT-Q2	30% Ethylene Glycol	494.5	4.27	4"x2	395.6	2.84	4"x2	593.4	5.98	4"x2
VF1-1024N-4D2AT-R2	30% Ethylene Glycol	494.5	4.27	4"x2	395.6	2.84	4"x2	593.4	5.98	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1024N-5D2AT-O2	30% Ethylene Glycol	494.5	5.16	4"x2	395.6	3.43	4"x2	593.4	7.24	4"x2
VF1-1024N-5D2AT-P2	30% Ethylene Glycol	494.5	5.16	4"x2	395.6	3.43	4"x2	593.4	7.24	4"x2
VF1-1024N-5D2AT-Q2	30% Ethylene Glycol	494.5	5.16	4"x2	395.6	3.43	4"x2	593.4	7.24	4"x2
VF1-1024N-5D2AT-R2	30% Ethylene Glycol	494.5	5.16	4"x2	395.6	3.43	4"x2	593.4	7.24	4"x2
VF1-1024N-6D2AT-O2	30% Ethylene Glycol	494.5	6.05	4"x2	395.6	4.02	4"x2	593.4	8.49	4"x2
VF1-1024N-6D2AT-P2	30% Ethylene Glycol	494.5	6.05	4"x2	395.6	4.02	4"x2	593.4	8.49	4"x2
VF1-1024N-6D2AT-Q2	30% Ethylene Glycol	494.5	6.05	4"x2	395.6	4.02	4"x2	593.4	8.49	4"x2
VF1-1024N-6D2AT-R2	30% Ethylene Glycol	494.5	6.05	4"x2	395.6	4.02	4"x2	593.4	8.49	4"x2
VF1-1024N-6D2AT-S2	30% Ethylene Glycol	694.4	11.35	4"x2	555.5	7.53	4"x2	833.3	14.60	4"x4
VF1-1024N-7D2AT-O2	30% Ethylene Glycol	494.5	6.95	4"x2	395.6	4.62	4"x2	593.4	9.74	4"x2
VF1-1024N-7D2AT-P2	30% Ethylene Glycol	494.5	6.95	4"x2	395.6	4.62	4"x2	593.4	9.74	4"x2
VF1-1024N-7D2AT-Q2	30% Ethylene Glycol	494.5	6.95	4"x2	395.6	4.62	4"x2	593.4	9.74	4"x2
VF1-1024N-7D2AT-R2	30% Ethylene Glycol	694.4	13.03	4"x2	555.5	8.65	4"x2	833.3	16.95	4"x4
VF1-1024N-7D2AT-S2	30% Ethylene Glycol	694.4	13.03	4"x2	555.5	8.65	4"x2	833.3	16.95	4"x4
VF1-1024N-8D2AT-O2	30% Ethylene Glycol	494.5	7.84	4"x2	395.6	5.21	4"x2	593.4	10.99	4"x2
VF1-1024N-8D2AT-P2	30% Ethylene Glycol	494.5	7.84	4"x2	395.6	5.21	4"x2	593.4	10.99	4"x2
VF1-1024N-8D2AT-Q2	30% Ethylene Glycol	494.5	7.84	4"x2	395.6	5.21	4"x2	593.4	10.99	4"x2
VF1-1024N-8D2AT-R2	30% Ethylene Glycol	694.4	14.70	4"x2	555.5	9.76	4"x2	833.3	19.30	4"x4
VF1-1024N-8D2AT-S2	30% Ethylene Glycol	694.4	14.70	4"x2	555.5	9.76	4"x2	833.3	19.30	4"x4
VF1-1036N-4D2AT-N4	30% Ethylene Glycol	494.5	5.78	4"x2	395.6	3.84	4"x2	593.4	8.10	4"x2
VF1-1036N-4D2AT-O4	30% Ethylene Glycol	494.5	5.78	4"x2	395.6	3.84	4"x2	593.4	8.10	4"x2
VF1-1036N-4D2AT-P4	30% Ethylene Glycol	694.4	10.84	4"x2	555.5	7.19	4"x2	833.3	13.88	4"x4
VF1-1036N-4D2AT-Q4	30% Ethylene Glycol	694.4	10.84	4"x2	555.5	7.19	4"x2	833.3	13.88	4"x4
VF1-1036N-5D2AT-N4	30% Ethylene Glycol	694.4	13.22	4"x2	555.5	8.78	4"x2	833.3	17.22	4"x4
VF1-1036N-5D2AT-O4	30% Ethylene Glycol	694.4	13.22	4"x2	555.5	8.78	4"x2	833.3	17.22	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1036N-5D2AT-P4	30% Ethylene Glycol	694.4	13.22	4"x2	555.5	8.78	4"x2	833.3	17.22	4"x4
VF1-1036N-5D2AT-Q4	30% Ethylene Glycol	694.4	13.22	4"x2	555.5	8.78	4"x2	833.3	17.22	4"x4
VF1-1036N-6D2AT-N4	30% Ethylene Glycol	694.4	15.61	4"x2	555.5	10.36	4"x2	833.3	20.57	4"x4
VF1-1036N-6D2AT-O4	30% Ethylene Glycol	694.4	15.61	4"x2	555.5	10.36	4"x2	833.3	20.57	4"x4
VF1-1036N-6D2AT-P4	30% Ethylene Glycol	694.4	15.61	4"x2	555.5	10.36	4"x2	833.3	20.57	4"x4
VF1-1036N-6D2AT-Q4	30% Ethylene Glycol	694.4	15.61	4"x2	555.5	10.36	4"x2	833.3	20.57	4"x4
VF1-1036N-7D2AT-N4	30% Ethylene Glycol	694.4	17.99	4"x2	555.5	11.94	4"x2	833.3	23.91	4"x4
VF1-1036N-7D2AT-O4	30% Ethylene Glycol	694.4	17.99	4"x2	555.5	11.94	4"x2	833.3	23.91	4"x4
VF1-1036N-7D2AT-P4	30% Ethylene Glycol	694.4	17.99	4"x2	555.5	11.94	4"x2	833.3	23.91	4"x4
VF1-1036N-7D2AT-Q4	30% Ethylene Glycol	694.4	17.99	4"x2	555.5	11.94	4"x2	833.3	23.91	4"x4
VF1-1036N-8D2AT-N4	30% Ethylene Glycol	694.4	20.37	4"x2	555.5	13.52	4"x2	833.3	27.25	4"x4
VF1-1036N-8D2AT-O4	30% Ethylene Glycol	694.4	20.37	4"x2	555.5	13.52	4"x2	833.3	27.25	4"x4
VF1-1036N-8D2AT-P4	30% Ethylene Glycol	694.4	20.37	4"x2	555.5	13.52	4"x2	833.3	27.25	4"x4
VF1-1036N-8D2AT-Q4	30% Ethylene Glycol	694.4	20.37	4"x2	555.5	13.52	4"x2	833.3	27.25	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-009-12E	30 % Propylene Glycol	57.6	0.91	3"x1	46.1	0.60	3"x1	69.2	1.26	3"x1
VF1-009-12F	30 % Propylene Glycol	57.6	0.91	3"x1	46.1	0.60	3"x1	69.2	1.26	3"x1
VF1-009-12G	30 % Propylene Glycol	57.6	0.91	3"x1	46.1	0.60	3"x1	69.2	1.26	3"x1
VF1-009-22E	30 % Propylene Glycol	57.6	1.15	3"x1	46.1	0.75	3"x1	69.2	1.58	3"x1
VF1-009-22F	30 % Propylene Glycol	57.6	1.15	3"x1	46.1	0.75	3"x1	69.2	1.58	3"x1
VF1-009-22G	30 % Propylene Glycol	57.6	1.15	3"x1	46.1	0.75	3"x1	69.2	1.58	3"x1
VF1-009-32E	30 % Propylene Glycol	57.6	1.34	3"x1	46.1	0.88	3"x1	69.2	1.85	3"x1
VF1-009-32F	30 % Propylene Glycol	57.6	1.34	3"x1	46.1	0.88	3"x1	69.2	1.85	3"x1
VF1-009-32G	30 % Propylene Glycol	57.6	1.34	3"x1	46.1	0.88	3"x1	69.2	1.85	3"x1
VF1-009-42E	30 % Propylene Glycol	57.6	1.58	3"x1	46.1	1.03	3"x1	69.2	2.17	3"x1
VF1-009-42F	30 % Propylene Glycol	57.6	1.58	3"x1	46.1	1.03	3"x1	69.2	2.17	3"x1
VF1-009-42G	30 % Propylene Glycol	57.6	1.58	3"x1	46.1	1.03	3"x1	69.2	2.17	3"x1
VF1-018-02G	30 % Propylene Glycol	101.4	2.61	4"x1	81.1	1.74	4"x1	121.6	3.71	4"x1
VF1-018-02H	30 % Propylene Glycol	101.4	2.61	4"x1	81.1	1.74	4"x1	121.6	3.71	4"x1
VF1-018-12F	30 % Propylene Glycol	101.4	3.70	4"x1	81.1	2.46	4"x1	121.6	5.24	4"x1
VF1-018-12G	30 % Propylene Glycol	101.4	3.70	4"x1	81.1	2.46	4"x1	121.6	5.24	4"x1
VF1-018-12H	30 % Propylene Glycol	101.4	3.70	4"x1	81.1	2.46	4"x1	121.6	5.24	4"x1
VF1-018-22G	30 % Propylene Glycol	101.4	4.63	4"x1	81.1	3.08	4"x1	121.6	6.57	4"x1
VF1-018-22H	30 % Propylene Glycol	101.4	4.63	4"x1	81.1	3.08	4"x1	121.6	6.57	4"x1
VF1-018-22J	30 % Propylene Glycol	101.4	4.63	4"x1	81.1	3.08	4"x1	121.6	6.57	4"x1
VF1-018-32G	30 % Propylene Glycol	101.4	5.69	4"x1	81.1	3.78	4"x1	121.6	8.07	4"x1
VF1-018-32H	30 % Propylene Glycol	101.4	5.69	4"x1	81.1	3.78	4"x1	121.6	8.07	4"x1
VF1-018-32J	30 % Propylene Glycol	101.4	5.69	4"x1	81.1	3.78	4"x1	121.6	8.07	4"x1
VF1-018-42G	30 % Propylene Glycol	101.4	6.72	4"x1	81.1	4.47	4"x1	121.6	9.53	4"x1
VF1-018-42H	30 % Propylene Glycol	101.4	6.72	4"x1	81.1	4.47	4"x1	121.6	9.53	4"x1



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-018-42J	30 % Propylene Glycol	101.4	6.72	4"x1	81.1	4.47	4"x1	121.6	9.53	4"x1
VF1-027-21H	30 % Propylene Glycol	205.3	3.34	4"x1	164.3	2.21	4"x1	246.4	4.68	4"x1
VF1-027-21J	30 % Propylene Glycol	205.3	3.34	4"x1	164.3	2.21	4"x1	246.4	4.68	4"x1
VF1-027-21K	30 % Propylene Glycol	205.3	3.34	4"x1	164.3	2.21	4"x1	246.4	4.68	4"x1
VF1-027-22H	30 % Propylene Glycol	101.4	6.30	4"x1	81.1	4.19	4"x1	121.6	8.93	4"x1
VF1-027-22J	30 % Propylene Glycol	101.4	6.30	4"x1	81.1	4.19	4"x1	121.6	8.93	4"x1
VF1-027-22K	30 % Propylene Glycol	101.4	6.30	4"x1	81.1	4.19	4"x1	121.6	8.93	4"x1
VF1-027-31H	30 % Propylene Glycol	205.3	3.95	4"x1	164.3	2.62	4"x1	246.4	5.53	4"x1
VF1-027-31J	30 % Propylene Glycol	205.3	3.95	4"x1	164.3	2.62	4"x1	246.4	5.53	4"x1
VF1-027-31K	30 % Propylene Glycol	205.3	3.95	4"x1	164.3	2.62	4"x1	246.4	5.53	4"x1
VF1-027-32H	30 % Propylene Glycol	101.4	7.58	4"x1	81.1	5.04	4"x1	121.6	10.75	4"x1
VF1-027-32J	30 % Propylene Glycol	101.4	7.58	4"x1	81.1	5.04	4"x1	121.6	10.75	4"x1
VF1-027-32K	30 % Propylene Glycol	101.4	7.58	4"x1	81.1	5.04	4"x1	121.6	10.75	4"x1
VF1-027-41H	30 % Propylene Glycol	205.3	4.60	4"x1	164.3	3.05	4"x1	246.4	6.45	4"x1
VF1-027-41J	30 % Propylene Glycol	205.3	4.60	4"x1	164.3	3.05	4"x1	246.4	6.45	4"x1
VF1-027-41K	30 % Propylene Glycol	205.3	4.60	4"x1	164.3	3.05	4"x1	246.4	6.45	4"x1
VF1-027-42H	30 % Propylene Glycol	101.4	8.96	4"x1	81.1	5.96	4"x1	121.6	12.71	4"x1
VF1-027-42J	30 % Propylene Glycol	101.4	8.96	4"x1	81.1	5.96	4"x1	121.6	12.71	4"x1
VF1-027-42K	30 % Propylene Glycol	101.4	8.96	4"x1	81.1	5.96	4"x1	121.6	12.71	4"x1
VF1-036-21J	30 % Propylene Glycol	205.3	4.07	4"x1	164.3	2.69	4"x1	246.4	5.70	4"x1
VF1-036-21K	30 % Propylene Glycol	205.3	4.07	4"x1	164.3	2.69	4"x1	246.4	5.70	4"x1
VF1-036-21L	30 % Propylene Glycol	205.3	4.07	4"x1	164.3	2.69	4"x1	246.4	5.70	4"x1
VF1-036-22J	30 % Propylene Glycol	101.4	7.83	4"x1	81.1	5.21	4"x1	121.6	11.10	4"x1
VF1-036-22K	30 % Propylene Glycol	101.4	7.83	4"x1	81.1	5.21	4"x1	121.6	11.10	4"x1
VF1-036-22L	30 % Propylene Glycol	101.4	7.83	4"x1	81.1	5.21	4"x1	121.6	11.10	4"x1



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-036-31J	30 % Propylene Glycol	205.3	4.91	4"x1	164.3	3.25	4"x1	246.4	6.87	4"x1
VF1-036-31K	30 % Propylene Glycol	205.3	4.91	4"x1	164.3	3.25	4"x1	246.4	6.87	4"x1
VF1-036-31L	30 % Propylene Glycol	205.3	4.91	4"x1	164.3	3.25	4"x1	246.4	6.87	4"x1
VF1-036-32J	30 % Propylene Glycol	101.4	9.60	4"x1	81.1	6.38	4"x1	121.6	13.61	4"x1
VF1-036-32K	30 % Propylene Glycol	101.4	9.60	4"x1	81.1	6.38	4"x1	121.6	13.61	4"x1
VF1-036-32L	30 % Propylene Glycol	101.4	9.60	4"x1	81.1	6.38	4"x1	121.6	13.61	4"x1
VF1-036-41J	30 % Propylene Glycol	205.3	5.73	4"x1	164.3	3.79	4"x1	246.4	8.02	4"x1
VF1-036-41K	30 % Propylene Glycol	205.3	5.73	4"x1	164.3	3.79	4"x1	246.4	8.02	4"x1
VF1-036-41L	30 % Propylene Glycol	205.3	5.73	4"x1	164.3	3.79	4"x1	246.4	8.02	4"x1
VF1-036-42J	30 % Propylene Glycol	101.4	11.33	4"x1	81.1	7.53	4"x1	121.6	16.06	4"x1
VF1-036-42K	30 % Propylene Glycol	101.4	11.33	4"x1	81.1	7.53	4"x1	121.6	16.06	4"x1
VF1-036-42L	30 % Propylene Glycol	101.4	11.33	4"x1	81.1	7.53	4"x1	121.6	16.06	4"x1
VF1-036-51J	30 % Propylene Glycol	205.3	6.54	4"x1	164.3	4.33	4"x1	246.4	9.16	4"x1
VF1-036-51K	30 % Propylene Glycol	205.3	6.54	4"x1	164.3	4.33	4"x1	246.4	9.16	4"x1
VF1-036-51L	30 % Propylene Glycol	205.3	6.54	4"x1	164.3	4.33	4"x1	246.4	9.16	4"x1
VF1-048-21L	30 % Propylene Glycol	207.7	2.37	4"x1	166.2	1.57	4"x1	249.3	3.31	4"x1
VF1-048-21M	30 % Propylene Glycol	207.7	2.37	4"x1	166.2	1.57	4"x1	249.3	3.31	4"x1
VF1-048-22L	30 % Propylene Glycol	102.0	4.20	4"x1	81.6	2.80	4"x1	122.4	5.84	4"x1
VF1-048-22M	30 % Propylene Glycol	102.0	4.20	4"x1	81.6	2.80	4"x1	122.4	5.84	4"x1
VF1-048-31M	30 % Propylene Glycol	207.7	2.83	4"x1	166.2	1.86	4"x1	249.3	3.94	4"x1
VF1-048-31N	30 % Propylene Glycol	207.7	2.83	4"x1	166.2	1.86	4"x1	249.3	3.94	4"x1
VF1-048-32M	30 % Propylene Glycol	102.0	5.15	4"x1	81.6	3.44	4"x1	122.4	7.17	4"x1
VF1-048-32N	30 % Propylene Glycol	102.0	5.15	4"x1	81.6	3.44	4"x1	122.4	7.17	4"x1
VF1-048-41M	30 % Propylene Glycol	207.7	3.22	4"x1	166.2	2.12	4"x1	249.3	4.48	4"x1
VF1-048-41N	30 % Propylene Glycol	207.7	3.22	4"x1	166.2	2.12	4"x1	249.3	4.48	4"x1



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-048-42M	30 % Propylene Glycol	102.0	5.96	4"x1	81.6	3.98	4"x1	122.4	8.30	4"x1
VF1-048-42N	30 % Propylene Glycol	102.0	5.96	4"x1	81.6	3.98	4"x1	122.4	8.30	4"x1
VF1-072-21M	30 % Propylene Glycol	821.4	13.30	4"x4	657.1	9.73	4"x2	985.6	18.66	4"x4
VF1-072-21N	30 % Propylene Glycol	821.4	13.30	4"x4	657.1	9.73	4"x2	985.6	18.66	4"x4
VF1-072-21O	30 % Propylene Glycol	821.4	13.30	4"x4	657.1	9.73	4"x2	985.6	18.66	4"x4
VF1-072-22M	30 % Propylene Glycol	405.3	30.20	4"x2	324.2	20.52	4"x1	486.3	42.31	4"x2
VF1-072-22N	30 % Propylene Glycol	405.3	30.20	4"x2	324.2	20.52	4"x1	486.3	42.31	4"x2
VF1-072-22O	30 % Propylene Glycol	405.3	30.20	4"x2	324.2	20.52	4"x1	486.3	42.31	4"x2
VF1-072-31M	30 % Propylene Glycol	821.4	16.33	4"x4	657.1	11.73	4"x2	985.6	22.91	4"x4
VF1-072-31N	30 % Propylene Glycol	821.4	16.33	4"x4	657.1	11.73	4"x2	985.6	22.91	4"x4
VF1-072-31O	30 % Propylene Glycol	821.4	16.33	4"x4	657.1	11.73	4"x2	985.6	22.91	4"x4
VF1-072-41M	30 % Propylene Glycol	821.4	19.29	4"x4	657.1	13.69	4"x2	985.6	27.06	4"x4
VF1-072-41N	30 % Propylene Glycol	821.4	19.29	4"x4	657.1	13.69	4"x2	985.6	27.06	4"x4
VF1-072-41O	30 % Propylene Glycol	821.4	19.29	4"x4	657.1	13.69	4"x2	985.6	27.06	4"x4
VF1-096-31O	30 % Propylene Glycol	827.0	11.17	4"x4	661.6	8.32	4"x2	992.3	15.64	4"x4
VF1-096-31P	30 % Propylene Glycol	827.0	11.17	4"x4	661.6	8.32	4"x2	992.3	15.64	4"x4
VF1-096-31Q	30 % Propylene Glycol	827.0	11.17	4"x4	661.6	8.32	4"x2	992.3	15.64	4"x4
VF1-096-32O	30 % Propylene Glycol	406.7	25.92	4"x2	325.3	17.64	4"x1	488.0	36.26	4"x2
VF1-096-32P	30 % Propylene Glycol	406.7	25.92	4"x2	325.3	17.64	4"x1	488.0	36.26	4"x2
VF1-096-32Q	30 % Propylene Glycol	406.7	25.92	4"x2	325.3	17.64	4"x1	488.0	36.26	4"x2
VF1-096-41O	30 % Propylene Glycol	827.0	12.84	4"x4	661.6	9.43	4"x2	992.3	17.97	4"x4
VF1-096-41P	30 % Propylene Glycol	827.0	12.84	4"x4	661.6	9.43	4"x2	992.3	17.97	4"x4
VF1-096-41Q	30 % Propylene Glycol	827.0	12.84	4"x4	661.6	9.43	4"x2	992.3	17.97	4"x4
VF1-096-42O	30 % Propylene Glycol	406.7	28.94	4"x2	325.3	19.63	4"x1	488.0	40.49	4"x2
VF1-096-42P	30 % Propylene Glycol	406.7	28.94	4"x2	325.3	19.63	4"x1	488.0	40.49	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-096-42Q	30 % Propylene Glycol	406.7	28.94	4"x2	325.3	19.63	4"x1	488.0	40.49	4"x2
VF1-096-51P	30 % Propylene Glycol	827.0	14.77	4"x4	661.6	10.71	4"x2	992.3	20.68	4"x4
VF1-096-51Q	30 % Propylene Glycol	827.0	14.77	4"x4	661.6	10.71	4"x2	992.3	20.68	4"x4
VF1-144-21P	30 % Propylene Glycol	841.4	4.49	4"x4	673.1	3.93	4"x2	1009.6	6.30	4"x4
VF1-144-21Q	30 % Propylene Glycol	841.4	4.49	4"x4	673.1	3.93	4"x2	1009.6	6.30	4"x4
VF1-144-21R	30 % Propylene Glycol	841.4	4.49	4"x4	673.1	3.93	4"x2	1009.6	6.30	4"x4
VF1-144-22P	30 % Propylene Glycol	410.3	11.24	4"x2	328.2	7.99	4"x1	492.3	15.75	4"x2
VF1-144-22Q	30 % Propylene Glycol	410.3	11.24	4"x2	328.2	7.99	4"x1	492.3	15.75	4"x2
VF1-144-22R	30 % Propylene Glycol	410.3	11.24	4"x2	328.2	7.99	4"x1	492.3	15.75	4"x2
VF1-144-31P	30 % Propylene Glycol	841.4	5.46	4"x4	673.1	4.57	4"x2	1009.6	7.66	4"x4
VF1-144-31Q	30 % Propylene Glycol	841.4	5.46	4"x4	673.1	4.57	4"x2	1009.6	7.66	4"x4
VF1-144-31R	30 % Propylene Glycol	841.4	5.46	4"x4	673.1	4.57	4"x2	1009.6	7.66	4"x4
VF1-144-32P	30 % Propylene Glycol	410.3	13.25	4"x2	328.2	9.32	4"x1	492.3	18.56	4"x2
VF1-144-32Q	30 % Propylene Glycol	410.3	13.25	4"x2	328.2	9.32	4"x1	492.3	18.56	4"x2
VF1-144-32R	30 % Propylene Glycol	410.3	13.25	4"x2	328.2	9.32	4"x1	492.3	18.56	4"x2
VF1-144-41P	30 % Propylene Glycol	841.4	6.29	4"x4	673.1	5.12	4"x2	1009.6	8.82	4"x4
VF1-144-41Q	30 % Propylene Glycol	841.4	6.29	4"x4	673.1	5.12	4"x2	1009.6	8.82	4"x4
VF1-144-41R	30 % Propylene Glycol	841.4	6.29	4"x4	673.1	5.12	4"x2	1009.6	8.82	4"x4
VF1-144-42P	30 % Propylene Glycol	410.3	14.95	4"x2	328.2	10.45	4"x1	492.3	20.95	4"x2
VF1-144-42Q	30 % Propylene Glycol	410.3	14.95	4"x2	328.2	10.45	4"x1	492.3	20.95	4"x2
VF1-144-42R	30 % Propylene Glycol	410.3	14.95	4"x2	328.2	10.45	4"x1	492.3	20.95	4"x2
VF1-144N-21P	30 % Propylene Glycol	827.0	12.62	4"x4	661.6	9.29	4"x2	992.3	17.67	4"x4
VF1-144N-21Q	30 % Propylene Glycol	827.0	12.62	4"x4	661.6	9.29	4"x2	992.3	17.67	4"x4
VF1-144N-21R	30 % Propylene Glycol	827.0	12.62	4"x4	661.6	9.29	4"x2	992.3	17.67	4"x4
VF1-144N-22P	30 % Propylene Glycol	406.7	28.50	4"x2	325.3	19.34	4"x1	488.0	39.87	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-144N-22Q	30 % Propylene Glycol	406.7	28.50	4"x2	325.3	19.34	4"x1	488.0	39.87	4"x2
VF1-144N-22R	30 % Propylene Glycol	406.7	28.50	4"x2	325.3	19.34	4"x1	488.0	39.87	4"x2
VF1-144N-31P	30 % Propylene Glycol	827.0	15.47	4"x4	661.6	11.17	4"x2	992.3	21.65	4"x4
VF1-144N-31Q	30 % Propylene Glycol	827.0	15.47	4"x4	661.6	11.17	4"x2	992.3	21.65	4"x4
VF1-144N-31R	30 % Propylene Glycol	827.0	15.47	4"x4	661.6	11.17	4"x2	992.3	21.65	4"x4
VF1-144N-32P	30 % Propylene Glycol									
VF1-144N-32Q	30 % Propylene Glycol									
VF1-144N-32R	30 % Propylene Glycol									
VF1-144N-41P	30 % Propylene Glycol	827.0	18.28	4"x4	661.6	13.04	4"x2	992.3	25.59	4"x4
VF1-144N-41Q	30 % Propylene Glycol	827.0	18.28	4"x4	661.6	13.04	4"x2	992.3	25.59	4"x4
VF1-144N-41R	30 % Propylene Glycol	827.0	18.28	4"x4	661.6	13.04	4"x2	992.3	25.59	4"x4
VF1-192-31O	30 % Propylene Glycol	854.2	3.70	4"x4	683.3	2.45	4"x4	1025.0	5.19	4"x4
VF1-192-31P	30 % Propylene Glycol	854.2	3.70	4"x4	683.3	2.45	4"x4	1025.0	5.19	4"x4
VF1-192-31Q	30 % Propylene Glycol	854.2	3.70	4"x4	683.3	2.45	4"x4	1025.0	5.19	4"x4
VF1-192-32O	30 % Propylene Glycol	413.5	7.63	4"x2	330.8	5.06	4"x2	496.2	10.70	4"x2
VF1-192-32P	30 % Propylene Glycol	413.5	7.63	4"x2	330.8	5.06	4"x2	496.2	10.70	4"x2
VF1-192-32Q	30 % Propylene Glycol	413.5	7.63	4"x2	330.8	5.06	4"x2	496.2	10.70	4"x2
VF1-192-41O	30 % Propylene Glycol	854.2	4.19	4"x4	683.3	2.77	4"x4	1025.0	5.87	4"x4
VF1-192-41P	30 % Propylene Glycol	854.2	4.19	4"x4	683.3	2.77	4"x4	1025.0	5.87	4"x4
VF1-192-41Q	30 % Propylene Glycol	854.2	4.19	4"x4	683.3	2.77	4"x4	1025.0	5.87	4"x4
VF1-192-42O	30 % Propylene Glycol	413.5	8.49	4"x2	330.8	5.64	4"x2	496.2	11.91	4"x2
VF1-192-42P	30 % Propylene Glycol	413.5	8.49	4"x2	330.8	5.64	4"x2	496.2	11.91	4"x2
VF1-192-42Q	30 % Propylene Glycol	413.5	8.49	4"x2	330.8	5.64	4"x2	496.2	11.91	4"x2
VF1-192-51P	30 % Propylene Glycol	854.2	4.76	4"x4	683.3	3.15	4"x4	1025.0	6.67	4"x4
VF1-192-51Q	30 % Propylene Glycol	854.2	4.76	4"x4	683.3	3.15	4"x4	1025.0	6.67	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-216-21N	30 % Propylene Glycol	841.4	6.25	4"x4	673.1	5.09	4"x2	1009.6	8.76	4"x4
VF1-216-21O	30 % Propylene Glycol	841.4	6.25	4"x4	673.1	5.09	4"x2	1009.6	8.76	4"x4
VF1-216-21P	30 % Propylene Glycol	841.4	6.25	4"x4	673.1	5.09	4"x2	1009.6	8.76	4"x4
VF1-216-22N	30 % Propylene Glycol	410.3	14.87	4"x2	328.2	10.39	4"x1	492.3	20.83	4"x2
VF1-216-22O	30 % Propylene Glycol	410.3	14.87	4"x2	328.2	10.39	4"x1	492.3	20.83	4"x2
VF1-216-22P	30 % Propylene Glycol	410.3	14.87	4"x2	328.2	10.39	4"x1	492.3	20.83	4"x2
VF1-216-31N	30 % Propylene Glycol	841.4	7.58	4"x4	673.1	5.97	4"x2	1009.6	10.63	4"x4
VF1-216-31O	30 % Propylene Glycol	841.4	7.58	4"x4	673.1	5.97	4"x2	1009.6	10.63	4"x4
VF1-216-31P	30 % Propylene Glycol	841.4	7.58	4"x4	673.1	5.97	4"x2	1009.6	10.63	4"x4
VF1-216-41O	30 % Propylene Glycol	841.4	8.90	4"x4	673.1	6.85	4"x2	1009.6	12.49	4"x4
VF1-216-41P	30 % Propylene Glycol	841.4	8.90	4"x4	673.1	6.85	4"x2	1009.6	12.49	4"x4
VF1-216-41Q	30 % Propylene Glycol	841.4	8.90	4"x4	673.1	6.85	4"x2	1009.6	12.49	4"x4
VF1-288-21P	30 % Propylene Glycol	883.0	1.80	4"x4	706.4	1.19	4"x4	1059.5	2.53	4"x4
VF1-288-21Q	30 % Propylene Glycol	883.0	1.80	4"x4	706.4	1.19	4"x4	1059.5	2.53	4"x4
VF1-288-21R	30 % Propylene Glycol	883.0	1.80	4"x4	706.4	1.19	4"x4	1059.5	2.53	4"x4
VF1-288-22P	30 % Propylene Glycol	420.7	3.52	4"x2	336.5	2.33	4"x2	504.8	4.93	4"x2
VF1-288-22Q	30 % Propylene Glycol	420.7	3.52	4"x2	336.5	2.33	4"x2	504.8	4.93	4"x2
VF1-288-22R	30 % Propylene Glycol	420.7	3.52	4"x2	336.5	2.33	4"x2	504.8	4.93	4"x2
VF1-288-31P	30 % Propylene Glycol	883.0	2.10	4"x4	706.4	1.39	4"x4	1059.5	2.94	4"x4
VF1-288-31Q	30 % Propylene Glycol	883.0	2.10	4"x4	706.4	1.39	4"x4	1059.5	2.94	4"x4
VF1-288-31R	30 % Propylene Glycol	883.0	2.10	4"x4	706.4	1.39	4"x4	1059.5	2.94	4"x4
VF1-288-32P	30 % Propylene Glycol	420.7	4.10	4"x2	336.5	2.72	4"x2	504.8	5.74	4"x2
VF1-288-32Q	30 % Propylene Glycol	420.7	4.10	4"x2	336.5	2.72	4"x2	504.8	5.74	4"x2
VF1-288-32R	30 % Propylene Glycol	420.7	4.10	4"x2	336.5	2.72	4"x2	504.8	5.74	4"x2
VF1-288-41Q	30 % Propylene Glycol	883.0	2.35	4"x4	706.4	1.55	4"x4	1059.5	3.29	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-288-41R	30 % Propylene Glycol	883.0	2.35	4"x4	706.4	1.55	4"x4	1059.5	3.29	4"x4
VF1-288-42Q	30 % Propylene Glycol	420.7	4.60	4"x2	336.5	3.05	4"x2	504.8	6.44	4"x2
VF1-288-42R	30 % Propylene Glycol	420.7	4.60	4"x2	336.5	3.05	4"x2	504.8	6.44	4"x2
VF1-288N-21P	30 % Propylene Glycol	854.2	4.13	4"x4	683.3	2.73	4"x4	1025.0	5.79	4"x4
VF1-288N-21Q	30 % Propylene Glycol	854.2	4.13	4"x4	683.3	2.73	4"x4	1025.0	5.79	4"x4
VF1-288N-21R	30 % Propylene Glycol	854.2	4.13	4"x4	683.3	2.73	4"x4	1025.0	5.79	4"x4
VF1-288N-22P	30 % Propylene Glycol	413.5	8.36	4"x2	330.8	5.55	4"x2	496.2	11.73	4"x2
VF1-288N-22Q	30 % Propylene Glycol	413.5	8.36	4"x2	330.8	5.55	4"x2	496.2	11.73	4"x2
VF1-288N-22R	30 % Propylene Glycol	413.5	8.36	4"x2	330.8	5.55	4"x2	496.2	11.73	4"x2
VF1-288N-31P	30 % Propylene Glycol	854.2	4.97	4"x4	683.3	3.29	4"x4	1025.0	6.96	4"x4
VF1-288N-31Q	30 % Propylene Glycol	854.2	4.97	4"x4	683.3	3.29	4"x4	1025.0	6.96	4"x4
VF1-288N-31R	30 % Propylene Glycol	854.2	4.97	4"x4	683.3	3.29	4"x4	1025.0	6.96	4"x4
VF1-288N-32P	30 % Propylene Glycol	413.5	10.07	4"x2	330.8	6.69	4"x2	496.2	14.12	4"x2
VF1-288N-32Q	30 % Propylene Glycol	413.5	10.07	4"x2	330.8	6.69	4"x2	496.2	14.12	4"x2
VF1-288N-32R	30 % Propylene Glycol	413.5	10.07	4"x2	330.8	6.69	4"x2	496.2	14.12	4"x2
VF1-288N-41P	30 % Propylene Glycol	854.2	5.80	4"x4	683.3	3.83	4"x4	1025.0	8.12	4"x4
VF1-288N-41Q	30 % Propylene Glycol	854.2	5.80	4"x4	683.3	3.83	4"x4	1025.0	8.12	4"x4
VF1-288N-41R	30 % Propylene Glycol	854.2	5.80	4"x4	683.3	3.83	4"x4	1025.0	8.12	4"x4
VF1-432-21N	30 % Propylene Glycol	883.0	2.34	4"x4	706.4	1.55	4"x4	1059.5	3.27	4"x4
VF1-432-21O	30 % Propylene Glycol	883.0	2.34	4"x4	706.4	1.55	4"x4	1059.5	3.27	4"x4
VF1-432-21P	30 % Propylene Glycol	883.0	2.34	4"x4	706.4	1.55	4"x4	1059.5	3.27	4"x4
VF1-432-22N	30 % Propylene Glycol	420.7	4.58	4"x2	336.5	3.03	4"x2	504.8	6.41	4"x2
VF1-432-22O	30 % Propylene Glycol	420.7	4.58	4"x2	336.5	3.03	4"x2	504.8	6.41	4"x2
VF1-432-22P	30 % Propylene Glycol	420.7	4.58	4"x2	336.5	3.03	4"x2	504.8	6.41	4"x2
VF1-432-31N	30 % Propylene Glycol	883.0	2.74	4"x4	706.4	1.81	4"x4	1059.5	3.84	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-432-31O	30 % Propylene Glycol	883.0	2.74	4"x4	706.4	1.81	4"x4	1059.5	3.84	4"x4
VF1-432-31P	30 % Propylene Glycol	883.0	2.74	4"x4	706.4	1.81	4"x4	1059.5	3.84	4"x4
VF1-432-41O	30 % Propylene Glycol	883.0	3.14	4"x4	706.4	2.08	4"x4	1059.5	4.40	4"x4
VF1-432-41P	30 % Propylene Glycol	883.0	3.14	4"x4	706.4	2.08	4"x4	1059.5	4.40	4"x4
VF1-432-41Q	30 % Propylene Glycol	883.0	3.14	4"x4	706.4	2.08	4"x4	1059.5	4.40	4"x4
VFL-012-02F	30 % Propylene Glycol	101.7	1.51	3"x1	81.3	0.99	3"x1	122.0	2.10	3"x1
VFL-012-02G	30 % Propylene Glycol	101.7	1.51	3"x1	81.3	0.99	3"x1	122.0	2.10	3"x1
VFL-012-02H	30 % Propylene Glycol	101.7	1.51	3"x1	81.3	0.99	3"x1	122.0	2.10	3"x1
VFL-012-12F	30 % Propylene Glycol	101.7	1.79	3"x1	81.3	1.17	3"x1	122.0	2.49	3"x1
VFL-012-12G	30 % Propylene Glycol	101.7	1.79	3"x1	81.3	1.17	3"x1	122.0	2.49	3"x1
VFL-012-12H	30 % Propylene Glycol	101.7	1.79	3"x1	81.3	1.17	3"x1	122.0	2.49	3"x1
VFL-012-22F	30 % Propylene Glycol	101.7	2.20	3"x1	81.3	1.44	3"x1	122.0	3.07	3"x1
VFL-012-22G	30 % Propylene Glycol	101.7	2.20	3"x1	81.3	1.44	3"x1	122.0	3.07	3"x1
VFL-012-22H	30 % Propylene Glycol	101.7	2.20	3"x1	81.3	1.44	3"x1	122.0	3.07	3"x1
VFL-012-32F	30 % Propylene Glycol	101.7	2.51	3"x1	81.3	1.64	3"x1	122.0	3.49	3"x1
VFL-012-32G	30 % Propylene Glycol	101.7	2.51	3"x1	81.3	1.64	3"x1	122.0	3.49	3"x1
VFL-012-32H	30 % Propylene Glycol	101.7	2.51	3"x1	81.3	1.64	3"x1	122.0	3.49	3"x1
VFL-024-12H	30 % Propylene Glycol	101.7	2.57	4"x1	81.3	1.68	4"x1	122.0	3.58	4"x1
VFL-024-22H	30 % Propylene Glycol	101.7	3.28	4"x1	81.3	2.14	4"x1	122.0	4.57	4"x1
VFL-024-22J	30 % Propylene Glycol	101.7	3.28	4"x1	81.3	2.14	4"x1	122.0	4.57	4"x1
VFL-024-32H	30 % Propylene Glycol	101.7	3.87	4"x1	81.3	2.53	4"x1	122.0	5.38	4"x1
VFL-024-32J	30 % Propylene Glycol	101.7	3.87	4"x1	81.3	2.53	4"x1	122.0	5.38	4"x1
VFL-036-22J	30 % Propylene Glycol	101.7	4.32	4"x1	81.3	2.82	4"x1	122.0	6.02	4"x1
VFL-036-22K	30 % Propylene Glycol	101.7	4.32	4"x1	81.3	2.82	4"x1	122.0	6.02	4"x1
VFL-036-22L	30 % Propylene Glycol	101.7	4.32	4"x1	81.3	2.82	4"x1	122.0	6.02	4"x1



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VFL-036-22M	30 % Propylene Glycol	101.7	4.32	4"x1	81.3	2.82	4"x1	122.0	6.02	4"x1
VFL-036-31K	30 % Propylene Glycol	206.7	2.80	4"x1	165.4	1.84	4"x1	248.1	3.91	4"x1
VFL-036-31L	30 % Propylene Glycol	206.7	2.80	4"x1	165.4	1.84	4"x1	248.1	3.91	4"x1
VFL-036-31M	30 % Propylene Glycol	206.7	2.80	4"x1	165.4	1.84	4"x1	248.1	3.91	4"x1
VFL-036-32K	30 % Propylene Glycol	101.7	5.15	4"x1	81.3	3.36	4"x1	122.0	7.17	4"x1
VFL-036-32L	30 % Propylene Glycol	101.7	5.15	4"x1	81.3	3.36	4"x1	122.0	7.17	4"x1
VFL-036-32M	30 % Propylene Glycol	101.7	5.15	4"x1	81.3	3.36	4"x1	122.0	7.17	4"x1
VFL-048-22K	30 % Propylene Glycol	101.7	5.38	4"x1	81.3	3.51	4"x1	122.0	7.48	4"x1
VFL-048-22L	30 % Propylene Glycol	101.7	5.38	4"x1	81.3	3.51	4"x1	122.0	7.48	4"x1
VFL-048-22M	30 % Propylene Glycol	101.7	5.38	4"x1	81.3	3.51	4"x1	122.0	7.48	4"x1
VFL-048-31K	30 % Propylene Glycol	206.7	3.41	4"x1	165.4	2.24	4"x1	248.1	4.76	4"x1
VFL-048-31L	30 % Propylene Glycol	206.7	3.41	4"x1	165.4	2.24	4"x1	248.1	4.76	4"x1
VFL-048-31M	30 % Propylene Glycol	206.7	3.41	4"x1	165.4	2.24	4"x1	248.1	4.76	4"x1
VFL-048-32K	30 % Propylene Glycol	101.7	6.43	4"x1	81.3	4.20	4"x1	122.0	8.95	4"x1
VFL-048-32L	30 % Propylene Glycol	101.7	6.43	4"x1	81.3	4.20	4"x1	122.0	8.95	4"x1
VFL-048-32M	30 % Propylene Glycol	101.7	6.43	4"x1	81.3	4.20	4"x1	122.0	8.95	4"x1
VFL-048-41L	30 % Propylene Glycol	206.7	3.97	4"x1	165.4	2.61	4"x1	248.1	5.54	4"x1
VFL-048-41M	30 % Propylene Glycol	206.7	3.97	4"x1	165.4	2.61	4"x1	248.1	5.54	4"x1
VFL-048-42L	30 % Propylene Glycol	101.7	7.61	4"x1	81.3	4.97	4"x1	122.0	10.59	4"x1
VFL-048-42M	30 % Propylene Glycol	101.7	7.61	4"x1	81.3	4.97	4"x1	122.0	10.59	4"x1
VFL-072-22M	30 % Propylene Glycol	406.7	17.34	4"x2	325.3	11.98	4"x1	488.0	24.26	4"x2
VFL-072-22N	30 % Propylene Glycol	406.7	17.34	4"x2	325.3	11.98	4"x1	488.0	24.26	4"x2
VFL-072-22O	30 % Propylene Glycol	406.7	17.34	4"x2	325.3	11.98	4"x1	488.0	24.26	4"x2
VFL-072-22P	30 % Propylene Glycol	406.7	17.34	4"x2	325.3	11.98	4"x1	488.0	24.26	4"x2
VFL-072-31N	30 % Propylene Glycol	827.0	8.67	4"x4	661.6	6.67	4"x2	992.3	12.13	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VFL-072-31O	30 % Propylene Glycol	827.0	8.67	4"x4	661.6	6.67	4"x2	992.3	12.13	4"x4
VFL-072-31P	30 % Propylene Glycol	827.0	8.67	4"x4	661.6	6.67	4"x2	992.3	12.13	4"x4
VFL-072-32N	30 % Propylene Glycol	406.7	20.28	4"x2	325.3	13.91	4"x1	488.0	28.37	4"x2
VFL-072-32O	30 % Propylene Glycol	406.7	20.28	4"x2	325.3	13.91	4"x1	488.0	28.37	4"x2
VFL-072-32P	30 % Propylene Glycol	406.7	20.28	4"x2	325.3	13.91	4"x1	488.0	28.37	4"x2
VFL-072-41N	30 % Propylene Glycol	827.0	10.26	4"x4	661.6	7.73	4"x2	992.3	14.37	4"x4
VFL-072-41O	30 % Propylene Glycol	827.0	10.26	4"x4	661.6	7.73	4"x2	992.3	14.37	4"x4
VFL-072-41P	30 % Propylene Glycol	827.0	10.26	4"x4	661.6	7.73	4"x2	992.3	14.37	4"x4
VFL-072-42N	30 % Propylene Glycol	406.7	23.85	4"x2	325.3	16.27	4"x1	488.0	33.36	4"x2
VFL-072-42O	30 % Propylene Glycol	406.7	23.85	4"x2	325.3	16.27	4"x1	488.0	33.36	4"x2
VFL-072-42P	30 % Propylene Glycol	406.7	23.85	4"x2	325.3	16.27	4"x1	488.0	33.36	4"x2
VFL-096-41N	30 % Propylene Glycol	827.0	12.85	4"x4	661.6	9.45	4"x2	992.3	18.00	4"x4
VFL-096-41O	30 % Propylene Glycol	827.0	12.85	4"x4	661.6	9.45	4"x2	992.3	18.00	4"x4
VFL-096-41P	30 % Propylene Glycol	827.0	12.85	4"x4	661.6	9.45	4"x2	992.3	18.00	4"x4
VFL-096-42N	30 % Propylene Glycol	406.7	28.94	4"x2	325.3	19.63	4"x1	488.0	40.49	4"x2
VFL-096-42O	30 % Propylene Glycol	406.7	28.94	4"x2	325.3	19.63	4"x1	488.0	40.49	4"x2
VFL-096-42P	30 % Propylene Glycol	406.7	28.94	4"x2	325.3	19.63	4"x1	488.0	40.49	4"x2
VF1-1012N-4D2AS-O1	30 % Propylene Glycol	589.1	3.61	4"x2	471.3	2.39	4"x2	706.9	5.05	4"x2
VF1-1012N-4D2AS-P1	30 % Propylene Glycol	589.1	3.61	4"x2	471.3	2.39	4"x2	706.9	5.05	4"x2
VF1-1012N-4D2AS-Q1	30 % Propylene Glycol	589.1	3.61	4"x2	471.3	2.39	4"x2	706.9	5.05	4"x2
VF1-1012N-4D2AS-R1	30 % Propylene Glycol	589.1	3.61	4"x2	471.3	2.39	4"x2	706.9	5.05	4"x2
VF1-1012N-5D2AS-O1	30 % Propylene Glycol	589.1	4.27	4"x2	471.3	2.82	4"x2	706.9	5.98	4"x2
VF1-1012N-5D2AS-P1	30 % Propylene Glycol	589.1	4.27	4"x2	471.3	2.82	4"x2	706.9	5.98	4"x2
VF1-1012N-5D2AS-Q1	30 % Propylene Glycol	589.1	4.27	4"x2	471.3	2.82	4"x2	706.9	5.98	4"x2
VF1-1012N-5D2AS-R1	30 % Propylene Glycol	589.1	4.27	4"x2	471.3	2.82	4"x2	706.9	5.98	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1012N-6D2AS-O1	30 % Propylene Glycol	589.1	4.93	4"x2	471.3	3.26	4"x2	706.9	6.91	4"x2
VF1-1012N-6D2AS-P1	30 % Propylene Glycol	589.1	4.93	4"x2	471.3	3.26	4"x2	706.9	6.91	4"x2
VF1-1012N-6D2AS-Q1	30 % Propylene Glycol	589.1	4.93	4"x2	471.3	3.26	4"x2	706.9	6.91	4"x2
VF1-1012N-6D2AS-R1	30 % Propylene Glycol	589.1	4.93	4"x2	471.3	3.26	4"x2	706.9	6.91	4"x2
VF1-1012N-6D2AS-S1	30 % Propylene Glycol	589.1	4.93	4"x2	471.3	3.26	4"x2	706.9	6.91	4"x2
VF1-1012N-7D2AS-O1	30 % Propylene Glycol	589.1	5.60	4"x2	471.3	3.70	4"x2	706.9	7.84	4"x2
VF1-1012N-7D2AS-P1	30 % Propylene Glycol	589.1	5.60	4"x2	471.3	3.70	4"x2	706.9	7.84	4"x2
VF1-1012N-7D2AS-Q1	30 % Propylene Glycol	589.1	5.60	4"x2	471.3	3.70	4"x2	706.9	7.84	4"x2
VF1-1012N-7D2AS-R1	30 % Propylene Glycol	589.1	5.60	4"x2	471.3	3.70	4"x2	706.9	7.84	4"x2
VF1-1012N-7D2AS-S1	30 % Propylene Glycol	989.0	12.83	4"x4	791.2	9.65	4"x2	1186.7	17.99	4"x4
VF1-1012N-8D2AS-O1	30 % Propylene Glycol	589.1	6.26	4"x2	471.3	4.14	4"x2	706.9	8.77	4"x2
VF1-1012N-8D2AS-P1	30 % Propylene Glycol	589.1	6.26	4"x2	471.3	4.14	4"x2	706.9	8.77	4"x2
VF1-1012N-8D2AS-Q1	30 % Propylene Glycol	589.1	6.26	4"x2	471.3	4.14	4"x2	706.9	8.77	4"x2
VF1-1012N-8D2AS-R1	30 % Propylene Glycol	589.1	6.26	4"x2	471.3	4.14	4"x2	706.9	8.77	4"x2
VF1-1012N-8D2AS-S1	30 % Propylene Glycol	989.0	14.57	4"x4	791.2	10.80	4"x2	1186.7	20.41	4"x4
VF1-1018N-4D2AS-N2	30 % Propylene Glycol	589.1	4.73	4"x2	471.3	3.13	4"x2	706.9	6.63	4"x2
VF1-1018N-4D2AS-O2	30 % Propylene Glycol	589.1	4.73	4"x2	471.3	3.13	4"x2	706.9	6.63	4"x2
VF1-1018N-4D2AS-P2	30 % Propylene Glycol	989.0	10.57	4"x4	791.2	8.16	4"x2	1186.7	14.81	4"x4
VF1-1018N-4D2AS-Q2	30 % Propylene Glycol	989.0	10.57	4"x4	791.2	8.16	4"x2	1186.7	14.81	4"x4
VF1-1018N-5D2AS-N2	30 % Propylene Glycol	589.1	5.67	4"x2	471.3	3.75	4"x2	706.9	7.95	4"x2
VF1-1018N-5D2AS-O2	30 % Propylene Glycol	989.0	13.04	4"x4	791.2	9.79	4"x2	1186.7	18.27	4"x4
VF1-1018N-5D2AS-P2	30 % Propylene Glycol	989.0	13.04	4"x4	791.2	9.79	4"x2	1186.7	18.27	4"x4
VF1-1018N-5D2AS-Q2	30 % Propylene Glycol	989.0	13.04	4"x4	791.2	9.79	4"x2	1186.7	18.27	4"x4
VF1-1018N-6D2AS-N2	30 % Propylene Glycol	989.0	15.50	4"x4	791.2	11.42	4"x2	1186.7	21.72	4"x4
VF1-1018N-6D2AS-O2	30 % Propylene Glycol	989.0	15.50	4"x4	791.2	11.42	4"x2	1186.7	21.72	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1018N-6D2AS-P2	30 % Propylene Glycol	989.0	15.50	4"x4	791.2	11.42	4"x2	1186.7	21.72	4"x4
VF1-1018N-6D2AS-Q2	30 % Propylene Glycol	989.0	15.50	4"x4	791.2	11.42	4"x2	1186.7	21.72	4"x4
VF1-1018N-7D2AS-N2	30 % Propylene Glycol	989.0	17.96	4"x4	791.2	13.05	4"x2	1186.7	25.18	4"x4
VF1-1018N-7D2AS-O2	30 % Propylene Glycol	989.0	17.96	4"x4	791.2	13.05	4"x2	1186.7	25.18	4"x4
VF1-1018N-7D2AS-P2	30 % Propylene Glycol	989.0	17.96	4"x4	791.2	13.05	4"x2	1186.7	25.18	4"x4
VF1-1018N-7D2AS-Q2	30 % Propylene Glycol	989.0	17.96	4"x4	791.2	13.05	4"x2	1186.7	25.18	4"x4
VF1-1018N-8D2AS-N2	30 % Propylene Glycol	989.0	20.43	4"x4	791.2	14.68	4"x2	1186.7	28.63	4"x4
VF1-1018N-8D2AS-O2	30 % Propylene Glycol	989.0	20.43	4"x4	791.2	14.68	4"x2	1186.7	28.63	4"x4
VF1-1018N-8D2AS-P2	30 % Propylene Glycol	989.0	20.43	4"x4	791.2	14.68	4"x2	1186.7	28.63	4"x4
VF1-1018N-8D2AS-Q2	30 % Propylene Glycol	989.0	20.43	4"x4	791.2	14.68	4"x2	1186.7	28.63	4"x4
VF1-1012N-4D2AT-O1	30 % Propylene Glycol	447.2	11.88	4"x2	357.7	8.92	4"x1	536.6	16.68	4"x2
VF1-1012N-4D2AT-P1	30 % Propylene Glycol	447.2	11.88	4"x2	357.7	8.92	4"x1	536.6	16.68	4"x2
VF1-1012N-4D2AT-Q1	30 % Propylene Glycol	447.2	11.88	4"x2	357.7	8.92	4"x1	536.6	16.68	4"x2
VF1-1012N-4D2AT-R1	30 % Propylene Glycol	447.2	11.88	4"x2	357.7	8.92	4"x1	536.6	16.68	4"x2
VF1-1012N-5D2AT-O1	30 % Propylene Glycol	447.2	14.70	4"x2	357.7	10.79	4"x1	536.6	20.63	4"x2
VF1-1012N-5D2AT-P1	30 % Propylene Glycol	447.2	14.70	4"x2	357.7	10.79	4"x1	536.6	20.63	4"x2
VF1-1012N-5D2AT-Q1	30 % Propylene Glycol	447.2	14.70	4"x2	357.7	10.79	4"x1	536.6	20.63	4"x2
VF1-1012N-5D2AT-R1	30 % Propylene Glycol	447.2	14.70	4"x2	357.7	10.79	4"x1	536.6	20.63	4"x2
VF1-1012N-6D2AT-O1	30 % Propylene Glycol	447.2	17.51	4"x2	357.7	12.66	4"x1	536.6	24.59	4"x2
VF1-1012N-6D2AT-P1	30 % Propylene Glycol	447.2	17.51	4"x2	357.7	12.66	4"x1	536.6	24.59	4"x2
VF1-1012N-6D2AT-Q1	30 % Propylene Glycol	447.2	17.51	4"x2	357.7	12.66	4"x1	536.6	24.59	4"x2
VF1-1012N-6D2AT-R1	30 % Propylene Glycol	447.2	17.51	4"x2	357.7	12.66	4"x1	536.6	24.59	4"x2
VF1-1012N-6D2AT-S1	30 % Propylene Glycol									
VF1-1012N-7D2AT-O1	30 % Propylene Glycol	447.2	20.33	4"x2	357.7	14.52	4"x1	536.6	28.54	4"x2
VF1-1012N-7D2AT-P1	30 % Propylene Glycol	447.2	20.33	4"x2	357.7	14.52	4"x1	536.6	28.54	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1018N-8D2AT-O2	30 % Propylene Glycol									
VF1-1018N-8D2AT-P2	30 % Propylene Glycol									
VF1-1018N-8D2AT-Q2	30 % Propylene Glycol									
VF1-1024N-4D2AS-O2	30 % Propylene Glycol	778.3	1.68	4"x4	622.6	1.11	4"x4	933.9	2.35	4"x4
VF1-1024N-4D2AS-P2	30 % Propylene Glycol	778.3	1.68	4"x4	622.6	1.11	4"x4	933.9	2.35	4"x4
VF1-1024N-4D2AS-Q2	30 % Propylene Glycol	778.3	1.68	4"x4	622.6	1.11	4"x4	933.9	2.35	4"x4
VF1-1024N-4D2AS-R2	30 % Propylene Glycol	778.3	1.68	4"x4	622.6	1.11	4"x4	933.9	2.35	4"x4
VF1-1024N-5D2AS-O2	30 % Propylene Glycol	778.3	1.98	4"x4	622.6	1.32	4"x4	933.9	2.78	4"x4
VF1-1024N-5D2AS-P2	30 % Propylene Glycol	778.3	1.98	4"x4	622.6	1.32	4"x4	933.9	2.78	4"x4
VF1-1024N-5D2AS-Q2	30 % Propylene Glycol	778.3	1.98	4"x4	622.6	1.32	4"x4	933.9	2.78	4"x4
VF1-1024N-5D2AS-R2	30 % Propylene Glycol	778.3	1.98	4"x4	622.6	1.32	4"x4	933.9	2.78	4"x4
VF1-1024N-6D2AS-O2	30 % Propylene Glycol	778.3	2.29	4"x4	622.6	1.52	4"x4	933.9	3.21	4"x4
VF1-1024N-6D2AS-P2	30 % Propylene Glycol	778.3	2.29	4"x4	622.6	1.52	4"x4	933.9	3.21	4"x4
VF1-1024N-6D2AS-Q2	30 % Propylene Glycol	778.3	2.29	4"x4	622.6	1.52	4"x4	933.9	3.21	4"x4
VF1-1024N-6D2AS-R2	30 % Propylene Glycol	778.3	2.29	4"x4	622.6	1.52	4"x4	933.9	3.21	4"x4
VF1-1024N-6D2AS-S2	30 % Propylene Glycol	778.3	2.29	4"x4	622.6	1.52	4"x4	933.9	3.21	4"x4
VF1-1024N-7D2AS-O2	30 % Propylene Glycol	778.3	2.60	4"x4	622.6	1.73	4"x4	933.9	3.64	4"x4
VF1-1024N-7D2AS-P2	30 % Propylene Glycol	778.3	2.60	4"x4	622.6	1.73	4"x4	933.9	3.64	4"x4
VF1-1024N-7D2AS-Q2	30 % Propylene Glycol	778.3	2.60	4"x4	622.6	1.73	4"x4	933.9	3.64	4"x4
VF1-1024N-7D2AS-R2	30 % Propylene Glycol	778.3	2.60	4"x4	622.6	1.73	4"x4	933.9	3.64	4"x4
VF1-1024N-7D2AS-S2	30 % Propylene Glycol	1178.2	5.60	4"x4	942.5	3.71	4"x4	1413.8	7.84	4"x4
VF1-1024N-8D2AS-O2	30 % Propylene Glycol	778.3	2.91	4"x4	622.6	1.93	4"x4	933.9	4.08	4"x4
VF1-1024N-8D2AS-P2	30 % Propylene Glycol	778.3	2.91	4"x4	622.6	1.93	4"x4	933.9	4.08	4"x4
VF1-1024N-8D2AS-Q2	30 % Propylene Glycol	778.3	2.91	4"x4	622.6	1.93	4"x4	933.9	4.08	4"x4
VF1-1024N-8D2AS-R2	30 % Propylene Glycol	778.3	2.91	4"x4	622.6	1.93	4"x4	933.9	4.08	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1024N-8D2AS-S2	30 % Propylene Glycol	1178.2	6.26	4"x4	942.5	4.15	4"x4	1413.8	8.77	4"x4
VF1-1036N-4D2AS-N4	30 % Propylene Glycol	778.3	2.20	4"x4	622.6	1.46	4"x4	933.9	3.08	4"x4
VF1-1036N-4D2AS-O4	30 % Propylene Glycol	778.3	2.20	4"x4	622.6	1.46	4"x4	933.9	3.08	4"x4
VF1-1036N-4D2AS-P4	30 % Propylene Glycol	1178.2	4.73	4"x4	942.5	3.14	4"x4	1413.8	6.63	4"x4
VF1-1036N-4D2AS-Q4	30 % Propylene Glycol	1178.2	4.73	4"x4	942.5	3.14	4"x4	1413.8	6.63	4"x4
VF1-1036N-5D2AS-N4	30 % Propylene Glycol	778.3	2.64	4"x4	622.6	1.75	4"x4	933.9	3.69	4"x4
VF1-1036N-5D2AS-O4	30 % Propylene Glycol	1178.2	5.67	4"x4	942.5	3.76	4"x4	1413.8	7.95	4"x4
VF1-1036N-5D2AS-P4	30 % Propylene Glycol	1178.2	5.67	4"x4	942.5	3.76	4"x4	1413.8	7.95	4"x4
VF1-1036N-5D2AS-Q4	30 % Propylene Glycol	1178.2	5.67	4"x4	942.5	3.76	4"x4	1413.8	7.95	4"x4
VF1-1036N-6D2AS-N4	30 % Propylene Glycol	1178.2	6.62	4"x4	942.5	4.39	4"x4	1413.8	9.28	4"x4
VF1-1036N-6D2AS-O4	30 % Propylene Glycol	1178.2	6.62	4"x4	942.5	4.39	4"x4	1413.8	9.28	4"x4
VF1-1036N-6D2AS-P4	30 % Propylene Glycol	1178.2	6.62	4"x4	942.5	4.39	4"x4	1413.8	9.28	4"x4
VF1-1036N-6D2AS-Q4	30 % Propylene Glycol	1178.2	6.62	4"x4	942.5	4.39	4"x4	1413.8	9.28	4"x4
VF1-1036N-7D2AS-N4	30 % Propylene Glycol	1178.2	7.56	4"x4	942.5	5.01	4"x4	1413.8	10.60	4"x4
VF1-1036N-7D2AS-O4	30 % Propylene Glycol	1178.2	7.56	4"x4	942.5	5.01	4"x4	1413.8	10.60	4"x4
VF1-1036N-7D2AS-P4	30 % Propylene Glycol	1178.2	7.56	4"x4	942.5	5.01	4"x4	1413.8	10.60	4"x4
VF1-1036N-7D2AS-Q4	30 % Propylene Glycol	1178.2	7.56	4"x4	942.5	5.01	4"x4	1413.8	10.60	4"x4
VF1-1036N-8D2AS-N4	30 % Propylene Glycol	1178.2	8.51	4"x4	942.5	5.64	4"x4	1413.8	11.93	4"x4
VF1-1036N-8D2AS-O4	30 % Propylene Glycol	1178.2	8.51	4"x4	942.5	5.64	4"x4	1413.8	11.93	4"x4
VF1-1036N-8D2AS-P4	30 % Propylene Glycol	1178.2	8.51	4"x4	942.5	5.64	4"x4	1413.8	11.93	4"x4
VF1-1036N-8D2AS-Q4	30 % Propylene Glycol	1178.2	8.51	4"x4	942.5	5.64	4"x4	1413.8	11.93	4"x4
VF1-1024N-4D2AT-O2	30 % Propylene Glycol	494.5	4.49	4"x2	395.6	2.99	4"x2	593.4	6.30	4"x2
VF1-1024N-4D2AT-P2	30 % Propylene Glycol	494.5	4.49	4"x2	395.6	2.99	4"x2	593.4	6.30	4"x2
VF1-1024N-4D2AT-Q2	30 % Propylene Glycol	494.5	4.49	4"x2	395.6	2.99	4"x2	593.4	6.30	4"x2
VF1-1024N-4D2AT-R2	30 % Propylene Glycol	494.5	4.49	4"x2	395.6	2.99	4"x2	593.4	6.30	4"x2



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1024N-5D2AT-O2	30 % Propylene Glycol	494.5	5.43	4"x2	395.6	3.61	4"x2	593.4	7.61	4"x2
VF1-1024N-5D2AT-P2	30 % Propylene Glycol	494.5	5.43	4"x2	395.6	3.61	4"x2	593.4	7.61	4"x2
VF1-1024N-5D2AT-Q2	30 % Propylene Glycol	494.5	5.43	4"x2	395.6	3.61	4"x2	593.4	7.61	4"x2
VF1-1024N-5D2AT-R2	30 % Propylene Glycol	494.5	5.43	4"x2	395.6	3.61	4"x2	593.4	7.61	4"x2
VF1-1024N-6D2AT-O2	30 % Propylene Glycol	494.5	6.37	4"x2	395.6	4.23	4"x2	593.4	8.93	4"x2
VF1-1024N-6D2AT-P2	30 % Propylene Glycol	494.5	6.37	4"x2	395.6	4.23	4"x2	593.4	8.93	4"x2
VF1-1024N-6D2AT-Q2	30 % Propylene Glycol	494.5	6.37	4"x2	395.6	4.23	4"x2	593.4	8.93	4"x2
VF1-1024N-6D2AT-R2	30 % Propylene Glycol	494.5	6.37	4"x2	395.6	4.23	4"x2	593.4	8.93	4"x2
VF1-1024N-6D2AT-S2	30 % Propylene Glycol	694.4	11.95	4"x2	555.5	7.93	4"x2	833.3	15.37	4"x4
VF1-1024N-7D2AT-O2	30 % Propylene Glycol	494.5	7.31	4"x2	395.6	4.86	4"x2	593.4	10.25	4"x2
VF1-1024N-7D2AT-P2	30 % Propylene Glycol	494.5	7.31	4"x2	395.6	4.86	4"x2	593.4	10.25	4"x2
VF1-1024N-7D2AT-Q2	30 % Propylene Glycol	494.5	7.31	4"x2	395.6	4.86	4"x2	593.4	10.25	4"x2
VF1-1024N-7D2AT-R2	30 % Propylene Glycol	694.4	13.71	4"x2	555.5	9.10	4"x2	833.3	17.84	4"x4
VF1-1024N-7D2AT-S2	30 % Propylene Glycol	694.4	13.71	4"x2	555.5	9.10	4"x2	833.3	17.84	4"x4
VF1-1024N-8D2AT-O2	30 % Propylene Glycol	494.5	8.25	4"x2	395.6	5.48	4"x2	593.4	11.57	4"x2
VF1-1024N-8D2AT-P2	30 % Propylene Glycol	494.5	8.25	4"x2	395.6	5.48	4"x2	593.4	11.57	4"x2
VF1-1024N-8D2AT-Q2	30 % Propylene Glycol	494.5	8.25	4"x2	395.6	5.48	4"x2	593.4	11.57	4"x2
VF1-1024N-8D2AT-R2	30 % Propylene Glycol	694.4	15.47	4"x2	555.5	10.27	4"x2	833.3	20.31	4"x4
VF1-1024N-8D2AT-S2	30 % Propylene Glycol	694.4	15.47	4"x2	555.5	10.27	4"x2	833.3	20.31	4"x4
VF1-1036N-4D2AT-N4	30 % Propylene Glycol	494.5	6.08	4"x2	395.6	4.04	4"x2	593.4	8.53	4"x2
VF1-1036N-4D2AT-O4	30 % Propylene Glycol	494.5	6.08	4"x2	395.6	4.04	4"x2	593.4	8.53	4"x2
VF1-1036N-4D2AT-P4	30 % Propylene Glycol	694.4	11.41	4"x2	555.5	7.57	4"x2	833.3	14.61	4"x4
VF1-1036N-4D2AT-Q4	30 % Propylene Glycol	694.4	11.41	4"x2	555.5	7.57	4"x2	833.3	14.61	4"x4
VF1-1036N-5D2AT-N4	30 % Propylene Glycol	694.4	13.92	4"x2	555.5	9.24	4"x2	833.3	18.13	4"x4
VF1-1036N-5D2AT-O4	30 % Propylene Glycol	694.4	13.92	4"x2	555.5	9.24	4"x2	833.3	18.13	4"x4



Series V Closed Circuit Cooling Tower Pressure Drop IP Units (psi)

Product model number	Process Fluid	First Flow			Second Flow			Third Flow		
		gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)	gpm	psi	Std. coil conn. (Size x Quantity)
VF1-1036N-5D2AT-P4	30 % Propylene Glycol	694.4	13.92	4"x2	555.5	9.24	4"x2	833.3	18.13	4"x4
VF1-1036N-5D2AT-Q4	30 % Propylene Glycol	694.4	13.92	4"x2	555.5	9.24	4"x2	833.3	18.13	4"x4
VF1-1036N-6D2AT-N4	30 % Propylene Glycol	694.4	16.42	4"x2	555.5	10.90	4"x2	833.3	21.64	4"x4
VF1-1036N-6D2AT-O4	30 % Propylene Glycol	694.4	16.42	4"x2	555.5	10.90	4"x2	833.3	21.64	4"x4
VF1-1036N-6D2AT-P4	30 % Propylene Glycol	694.4	16.42	4"x2	555.5	10.90	4"x2	833.3	21.64	4"x4
VF1-1036N-6D2AT-Q4	30 % Propylene Glycol	694.4	16.42	4"x2	555.5	10.90	4"x2	833.3	21.64	4"x4
VF1-1036N-7D2AT-N4	30 % Propylene Glycol	694.4	18.93	4"x2	555.5	12.57	4"x2	833.3	25.16	4"x4
VF1-1036N-7D2AT-O4	30 % Propylene Glycol	694.4	18.93	4"x2	555.5	12.57	4"x2	833.3	25.16	4"x4
VF1-1036N-7D2AT-P4	30 % Propylene Glycol	694.4	18.93	4"x2	555.5	12.57	4"x2	833.3	25.16	4"x4
VF1-1036N-7D2AT-Q4	30 % Propylene Glycol	694.4	18.93	4"x2	555.5	12.57	4"x2	833.3	25.16	4"x4
VF1-1036N-8D2AT-N4	30 % Propylene Glycol	694.4	21.44	4"x2	555.5	14.23	4"x2	833.3	28.68	4"x4
VF1-1036N-8D2AT-O4	30 % Propylene Glycol	694.4	21.44	4"x2	555.5	14.23	4"x2	833.3	28.68	4"x4
VF1-1036N-8D2AT-P4	30 % Propylene Glycol	694.4	21.44	4"x2	555.5	14.23	4"x2	833.3	28.68	4"x4
VF1-1036N-8D2AT-Q4	30 % Propylene Glycol	694.4	21.44	4"x2	555.5	14.23	4"x2	833.3	28.68	4"x4