

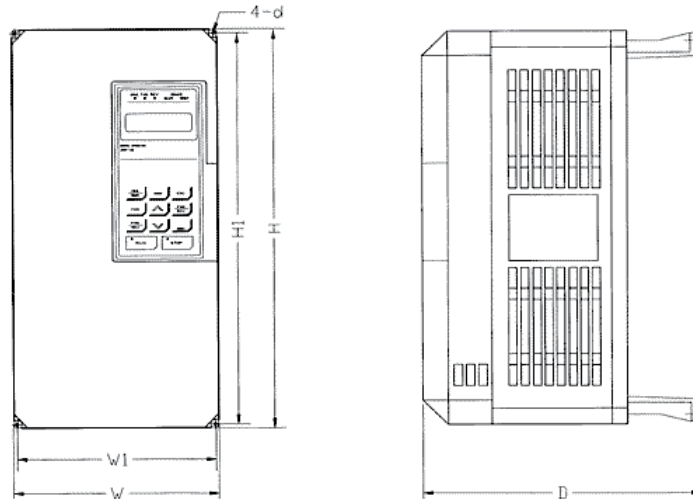


**MAGNETEK**  
MATERIAL HANDLING

Electromotive

# IMPULSE® VG+ Series 2

IMPULSE® Control Products  
IMPULSE® VG+ Series 2 Dimensions & Drive Ratings



## IMPULSE®•VG+ SERIES 2 230V DIMENSIONS & DRIVE RATINGS

Model Number	*Max Full Load Amps	Rated HP (Appx.)	Overall Dimensions in inches (mm)			Mounting Dimensions in inches (mm)			Wt. Lbs/ (kg)	Heat Loss (W) Total
			W	H	D	W1	H1	d		
2006-FVG+	6	1	5.51	11.02	6.30	4.95	10.47	0.28	6.5	90
			(140)	(280)	(160)	(126)	(266)	(7)		
2008-FVG+	8	2	5.51	11.02	6.30	4.95	10.47	0.28	6.5	120
			(140)	(280)	(160)	(126)	(266)	(7)		
2011-FVG+	11	3	5.51	11.02	7.09	4.95	10.47	0.28	10	140
			(140)	(280)	(180)	(126)	(266)	(7)		
2017-FVG+	17.5	5	5.51	11.02	7.09	4.95	10.47	0.28	10	215
			(140)	(280)	(180)	(126)	(266)	(7)		
2025-FVG+	25	7.5	7.87	11.81	8.07	7.32	11.22	0.31	12	300
			(200)	(300)	(205)	(186)	(285)	(8)		
2033-FVG+	33	10	7.87	11.81	8.07	7.32	11.22	0.31	13	345

			(200)	(300)	(205)	(186)	(285)	(8)	(6)	
2054-FVG+	54	20	9.84	14.96	8.86	9.29	14.37	0.30	24	585
			(250)	(380)	(225)	(236)	(365)	(7.62)	(10.8)	
2068-FVG+	68	25	9.84	14.96	8.86	9.29	14.37	0.30	24	725
			(250)	(380)	(225)	(236)	(365)	(7.62)	(10.8)	
2080-FVG+	80	30	12.80	17.72	11.22	10.83	17.13	0.30	62	885
			(325)	(450)	(285)	(275)	(435)	(7.62)	(28)	
2130-FVG+	130	50	16.73	26.57	13.78	12.60	25.59	0.49	134	1370
			(425)	(675)	(350)	(320)	(650)	(12.5)	(61)	
2160-FVG+	160	60	16.73	26.57	13.78	12.60	25.59	0.49	137	1730
			(425)	(675)	(350)	(320)	(650)	(12.5)	(62)	
2224-FVG+	224	75	18.70	31.50	13.78	14.57	30.51	0.49	176	2630
			(475)	(800)	(350)	(370)	(775)	(12.5)	(80)	
2300-FVG+	300	125	22.64	36.42	15.75	17.52	35.24	0.59	298	3210
			(575)	(925)	(400)	(445)	(895)	(15)	(135)	

## IMPULSE®•VG+ SERIES 2 460V DIMENSIONS & DRIVE RATINGS

Model Number	*Max Full Load Amps	Rated HP (Appx.)	Overall Dimensions in inches (mm)			Mounting Dimensions in inches (mm)			Wt. Lbs/ (kg)	Heat Loss (W) Total
			W	H	D	W1	H1	d		
4001-FVG+	1.9	1	5.51	11.02	6.30	4.95	10.47	0.28	6.5	60
			(140)	(280)	(160)	(126)	(266)	(7)	(3)	
4003-FVG+	3.6	2	5.51	11.02	6.30	4.95	10.47	0.28	6.5	85
			(140)	(280)	(160)	(126)	(266)	(7)	(3)	
4005-FVG+	5.1	3	5.51	11.02	7.09	4.95	10.47	0.28	8.8	110
			(140)	(280)	(180)	(126)	(266)	(7)	(4)	
4008-FVG+	8.5	5	5.51	11.02	7.09	4.95	10.47	0.28	10	145
			(140)	(280)	(180)	(126)	(266)	(7)	(4.5)	
4011-FVG+	11.7	7.5	5.51	11.02	7.09	4.95	10.47	0.28	10	200
			(140)	(280)	(180)	(126)	(266)	(7)	(4.5)	

4014-FVG+	14.8	10	7.87	11.81	8.07	7.32	11.22	0.31	13	220
			(200)	(300)	(205)	(186)	(285)	(8)	(6)	
4021-FVG+	21	15	7.87	11.81	8.07	7.32	11.22	0.31	13	360
			(200)	(300)	(205)	(186)	(285)	(8)	(6)	
4028-FVG+	28.6	20	9.84	14.96	8.86	9.29	14.37	0.30	24	455
			(250)	(380)	(225)	(236)	(365)	(7.5)	(11)	
4034-FVG+	34	25	9.84	14.96	8.86	9.29	14.37	0.30	24	570
			(250)	(380)	(225)	(236)	(365)	(7.5)	(11)	
4041-FVG+	41	30	12.80	17.72	11.22	10.83	17.13	0.30	60	660
			(325)	(450)	(285)	(275)	(435)	(7.5)	(27)	
4052-FVG+	52	40	12.80	17.72	11.22	10.83	17.13	0.30	60	880
			(325)	(450)	(285)	(275)	(435)	(7.5)	(27)	
4065-FVG+	65	50	12.80	24.61	11.22	10.83	24.02	0.30	97	1020
			(325)	(625)	(285)	(275)	(610)	(7.5)	(44)	
4080-FVG+	80	60	12.80	24.61	11.22	10.83	24.02	0.30	97	1245
			(325)	(625)	(285)	(275)	(610)	(7.5)	(44)	
4096-FVG+	96	75	12.80	24.61	11.22	10.83	24.02	0.30	97	1385
			(325)	(625)	(285)	(275)	(610)	(7.5)	(44)	
4128-FVG+	128	100	17.91	32.28	13.79	13.79	31.30	0.49	174	1820
			(455)	(820)	(350)	(350)	(795)	(12.5)	(79)	
4165-FVG+	165	125	17.91	32.28	13.78	13.78	31.30	0.49	176	2320
			(455)	(820)	(350)	(350)	(795)	(12.5)	(80)	
4224-FVG+	224	150	22.64	36.42	14.76	17.52	35.24	0.59	298	3030
			(575)	(925)	(375)	(445)	(895)	(15)	(135)	
4302-FVG+	302	250	22.64	36.42	15.75	17.52	35.24	0.59	320	4190
			(575)	(925)	(400)	(445)	(895)	(15)	(145)	
4450-FVG+	450	400	37.40	57.09	17.13	29.53	55.12	0.98	794	6850
			(960)	(1450)	(435)	(750)	(1400)	(25)	(360)	
4605-FVG+	605	500	37.80	62.99	17.91	29.53	61.02	0.98	926	9730
			(960)	(1600)	(455)	(750)	(1550)	(25)	(420)	

# IMPULSE®-VG+ SERIES 2 575V DIMENSIONS & DRIVE RATINGS

Model Number	*Max Full Load Amps	Rated HP (Appx.)	Overall Dimensions in inches (mm)			Mounting Dimensions in inches (mm)			Wt. Lbs/ (kg)	Heat Loss (W) Total
			W	H	D	W1	H1	d		
5003-FVG+	3.5	2	5.51	11.02	7.09	4.96	10.47	0.28	8.8	90
			(140)	(280)	(180)	(126)	(266)	(7)	(4)	
5004-FVG+	4.1	3	5.51	11.02	7.09	4.96	10.47	0.28	8.8	105
			(140)	(280)	(180)	(126)	(266)	(7)	(4)	
5006-FVG+	6.3	5	7.87	11.81	8.07	7.32	11.22	0.31	13	140
			(200)	(300)	(205)	(186)	(285)	(8)	(6)	
5009-FVG+	9.8	7.5	7.87	11.81	8.07	7.32	11.22	0.31	14	205
			(200)	(300)	(205)	(186)	(285)	(8)	(6.5)	
5012-FVG+	12.5	10	7.87	11.81	8.07	7.32	11.22	0.31	14	220
			(200)	(300)	(205)	(186)	(285)	(8)	(6.5)	
5017-FVG+	17	15	9.84	14.96	8.86	9.29	14.37	0.29	28	330
			(250)	(380)	(225)	(236)	(365)	(7.5)	(13)	
5022-FVG+	22	20	9.84	14.96	8.86	9.29	14.37	0.29	28	460
			(250)	(380)	(225)	(236)	(365)	(7.5)	(13)	
5027-FVG+	27	25	15.75	29.53	11.22	11.81	28.74	0.39	97	540
			(400)	(750)	(285)	(300)	(730)	(10)	(44)	
5032-FVG+	32	30	15.75	29.53	11.22	11.81	28.74	0.39	97	730
			(400)	(750)	(285)	(300)	(730)	(10)	(44)	
5041-FVG+	41	40	22.64	33.46	11.81	18.70	32.48	0.49	156	820
			(575)	(850)	(300)	(475)	(825)	(12.5)	(72)	
5052-FVG+	52	50	22.64	33.46	11.81	18.70	32.48	0.49	156	1220
			(575)	(850)	(300)	(475)	(825)	(12.5)	(72)	
5062-FVG+	62	60	22.64	33.46	11.81	18.70	32.48	0.49	156	1650
			(575)	(850)	(300)	(475)	(825)	(12.5)	(72)	
5077-FVG+	77	75	22.64	41.34	12.80	18.70	40.35	0.49	195	1750
			(575)	(1050)	(325)	(475)	(1025)	(12.5)	(90)	

5099-FVG+	99	100	22.64	41.97	12.80	18.70	40.35	0.49	195	2250
			(575)	(1066)	(325)	(475)	(1025)	(12.5)	(90)	
5130-FVG+	130	125	22.80	57.68	12.99	18.70	48.23	0.49	271	2350
			(579)	(1465)	(330)	(475)	(1225)	(12.5)	(125)	
5172-FVG+	172	150	22.80	77.43	13.98	18.70	61.81	0.59	331	3200
			(579)	(1966.5)	(355)	(475)	(1570)	(15)	(153)	
5200-FVG+	200	200	22.80	77.43	13.98	18.70	61.81	0.59	342	4700
			(579)	(1966.5)	(355)	(475)	(1570)	(15)	(158)	

**Note...**

Applications such as high duty cycles (CMAA Class E or F) in conjunction with high ambient temperatures or other unique environmental conditions can sometimes impact drive ratings. Please consult factory.

Due to ongoing product improvements, data is subject to change without notice.