



DELTA ELECTRONICS, INC.

# Newsletter



## New Product Launch Announcement

### Preface :

VFD-G series is the specific drive for plastic molding. Now adds higher power rating models from 125HP to 300HP (90kW to 220kW)

### VFD-G

Add new models :

model	Max. application motor output
VFD900F43C-G	125 HP/90 kW
VFD1100F43C-G	150 HP/110 kW
VFD1320F43A-G	175 HP/132 kW
VFD1600F43A-G	215 HP/160 kW
VFD1850F43A-G	250 HP/185 kW
VFD2200F43A-G	300 HP/220 kW

### ■ Specifications

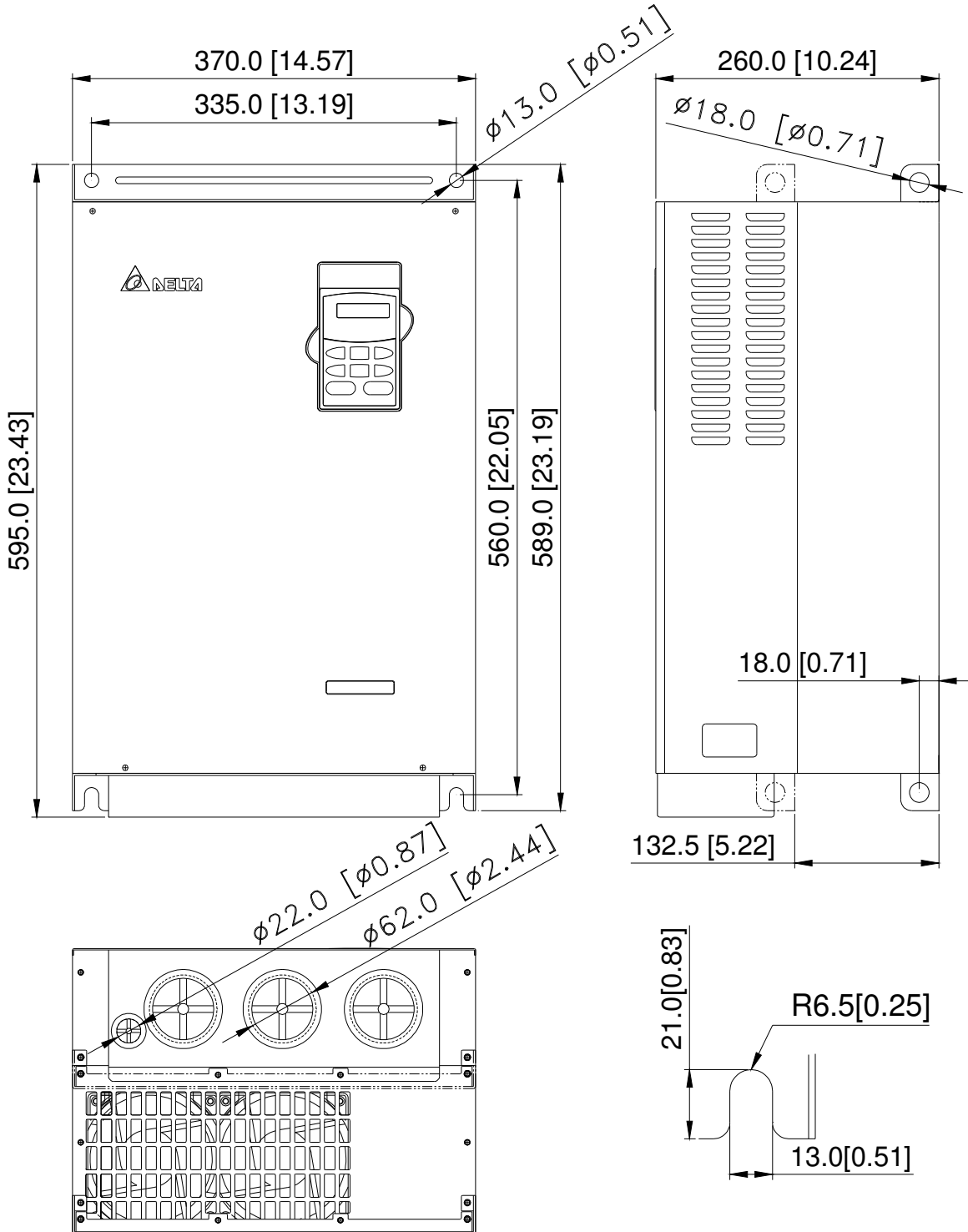
Voltage Class		460V Class																				
Model Number VFD-□□□□ F43X-G		007	015	022	037	055	075	110	150	185	220	300	370	450	550	750	900	1100	1320	1600	1850	2200
Max. Applicable Motor Output (kW)		0.75	1.5	2.2	3.7	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90	110	132	160	185	220
Max. Applicable Motor Output (HP)		1.0	2.0	3.0	5.0	7.5	10	15	20	25	30	40	50	60	75	100	125	150	175	215	250	300
Output Rating	Rated Output Capacity (KVA)	2.3	3.2	4.2	6.5	10	14	18	25	29	34	46	56	69	84	114	137	168	198	236	281	350
	Rated Output Current (A)	2.7	4.2	5.5	8.5	13	18	24	32	38	45	60	73	91	110	150	180	220	260	310	370	460
	Maximum Output Voltage (V)	Proportional to Input Voltage																				
	Rated Frequency (Hz)	0.10-120.00Hz																				
Carrier Frequency (kHz)		4-10					3-9					2-6										
Input Rating	Rated Input Current (A)	3.2	4.3	5.9	11.2	14	19	25	32	39	49	60	73	91	120	160	160	200	240	300	380	400
	Rated Voltage	3-phase 342-528 V																				
	Frequency Tolerance	47 – 63 Hz																				

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### Dimension

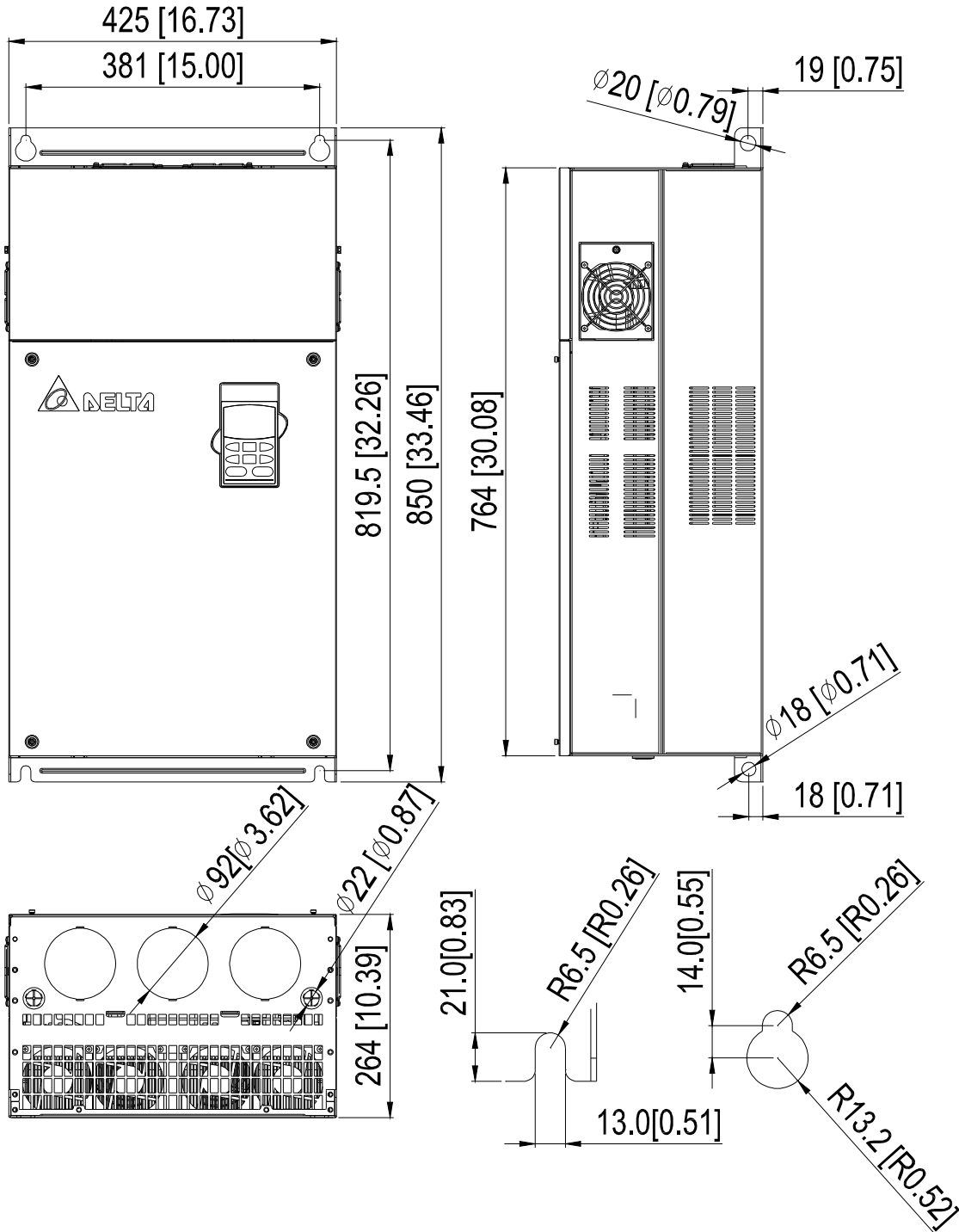
VFD750F43A-G 75.0 kW (100.0HP) 460V / 3-phase

VFD900F43C-G 90.0 kW (125.0HP) 460V 3-phase



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- VFD1100F43C-G    110.0 kW (150.0HP) 460V 3-phase
- VFD1320F43A-G    132.0 kW (175.0HP) 460V 3-phase
- VFD1600F43A-G    160.0 kW (215.0HP) 460V 3-phase





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### Software update :

Now adds higher power rating models from 125HP to 300HP (90kW to 220kW). Therefore VFD-F-G version follows to upgrade from Ver. 1.05 to 1.06 of adding model codes and error codes.

Code	AC Drive Status	Explanation
26	FAnP	Fan Power Fault
27	FF1	Fan1 Fault
28	FF2	Fan2 Fault
29	FF3	Fan3 Fault
30	FF123	Fan1, 2, 3 Fault
31	FF12	Fan1, 2 Fault
32	FF13	Fan1, 3 Fault
33	FF23	Fan2, 3 Fault
34	Fv	Gate Drive Low Voltage Protect
35~40	Reserve	
41	HPF1	GFF Hardware protection failure
42	HPF2	CC, OC Hardware protection failure
43	HPF3	OC Hardware protection failure
44	HPF4	OV Hardware protection failure
45	CF3.3	U-phase error
46	CF3.4	V-phase error
47	CF3.5	W-phase error
48	CF3.6	DCBUS error
49	CF3.7	Current sensor error
50	CF3.8	OH error

### Ordering information

Item	Specification	Model
VFD-G	specific drive for plastic molding	VFD900F43C-G
		VFD1100F43C-G
		VFD1320F43A-G
		VFD1600F43A-G
		VFD1850F43A-G
		VFD2200F43A-G



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### Expected Release Date

Model	Date
VFD900F43C-G	Oct./2007
VFD1100F43C-G	Oct./2007
VFD1320F43A-G	Oct./2007
VFD1600F43A-G	Oct./2007
VFD1850F43A-G	Oct./2007
VFD2200F43A-G	Oct./2007