

### VFD SELECTION GUIDELINES

1. CHOOSE THE CORRECT TABLE BELOW, BASED ON THE INCOMING VOLTAGE AND PHASE SUPPLYING THE VFD INPUT
2. SELECT A VFD HP (HORSEPOWER) RATING = TO THE ASSOCIATED MOTOR HP RATING
3. IF THE MOTOR HP DOES NOT MATCH A VFD HP OPTION, SELECT THE NEXT HIGHER VFD HP OPTION.



TYPICAL UNIT SHOWN



200-240VAC +/- 10% 1-Phase Input	HP	kW	Output Amps	Frame Size
RVFD-050-1PH-E3	0.5	0.37	2.3	1
RVFD-100-1PH-E3	1	0.75	4.3	1
RVFD-200-1PH-E3	2	1.5	7.0	1
RVFD-300-1PH-E3	3	2.2	10.5	2
RVFD-500-1PH-E3	5	4.0	15.3	3

200-240VAC +/- 10% 3-Phase Input	HP	kW	Output Amps	Frame Size
RVFD-050-3PH-E3	0.5	0.37	2.3	1
RVFD-100-3PH-E3	1	0.75	4.3	1
RVFD-200-3PH-E3	2	1.5	7	1
RVFD-300-3PH-E3	3	2.2	10.5	2
RVFD-500-3PH-E3	5	4.0	18	3
RVFD-750-3PH-E3	7.5	5.5	24	3
RVFD-1000-3PH-E3	10	7.5	30	4
RVFD-1500-3PH-E3	15	11	46	4

Frame Size	Dimensions (Inches)			Weight (lbs)
	H	W	D	
1	9.2"	6.4"	6.4"	5.1
2	10.2"	7.5"	7.2"	7.8
3	12.3"	8.4"	9.3"	14.6
4	14.2"	9.5"	10.7"	21

380-480VAC +/- 10% 3-Phase Input	HP	kW	Output Amps	Frame Size
RVFD-050-480V-E3	0.5	0.37	1.2	1
RVFD-100-480V-E3	1	0.75	2.2	1
RVFD-200-480V-E3	2	1.5	4.1	1
RVFD-300-480V-E3	3	2.2	5.8	2
RVFD-500-480V-E3	5	4.0	9.5	2
RVFD-750-480V-E3	7.5	5.5	14	3
RVFD-1000-480V-E3	10	7.5	18	3
RVFD-1500-480V-E3	15	11	24	3
RVFD-2000-480V-E3	20	15	30	4
RVFD-2500-480V-E3	25	18.5	39	4
RVFD-3000-480V-E3	30	22	46	4

**SPECIFICATION DATA:** AC Variable Frequency Drive (VFD). General Purpose Drive. Built-in Disconnect Lockable Main Switch. Simple Commissioning. Internal Category C1 EMC filter. Internal PI control. Internal brake chopper. Operates up to 50° C. Bluetooth connectivity. Modbus RTU and CAN on-board. Industrial, Pump and Fan application modes. Outdoor rated. Dust-tight. Washdown ready. NEMA 4X / IP66.

**NOTES:** 1. VFD size will depend on Motor HP (Horsepower) and incoming power Voltage and Phase (see 'Selection Guidelines' above).

2. Due to continuing product improvement program, Roman Fountains reserves the right to change the specifications without notice.

**DRAWING NO.**  
**3.408**