



(877) 794-1802

RVFD-ECO SERIES, NEMA 4X (IP66) VARIABLE FREQUENCY DRIVE

ADVANCED PUMP CONTROL & PROGRAMMING FUNCTIONS

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-100-1PH-ECO	1	0.75	4.3	2
RVFD-200-1PH-ECO	2	1.5	7.0	2
RVFD-300-1PH-ECO	3	2.2	10.5	2
RVFD-500-1PH-ECO	5	4.0	15.3	3

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

Frame Size	Dimensions (Inches)			Weight (lbs)
	H	W	D	
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-100-480V-ECO	1	0.75	2.2	2
RVFD-200-480V-ECO	2	1.5	4.1	2
RVFD-300-480V-ECO	3	2.2	5.8	2
RVFD-500-480V-ECO	5	4.0	9.5	2
RVFD-750-480V-ECO	7.5	5.5	14	2
RVFD-1000-480V-ECO	10	7.5	18	3
RVFD-1500-480V-ECO	15	11	24	3
RVFD-2000-480V-ECO	20	15	30	3
RVFD-2500-480V-ECO	25	18.5	39	4
RVFD-3000-480V-ECO	30	22	46	4

SPECIFICATION DATA: AC Variable Frequency Drive (VFD). Advanced Pump Control Drive. Built-in Disconnect Lockable Main Switch. Simple Commissioning. Internal EMC filter. Operates up to 50° C. Bluetooth connectivity. Modbus RTU and BACnet on-board. Built-in PLC function. Pump control including: OPTIFLOW, Blockage Detect, Dry Run Protection and more. 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.
3.409