


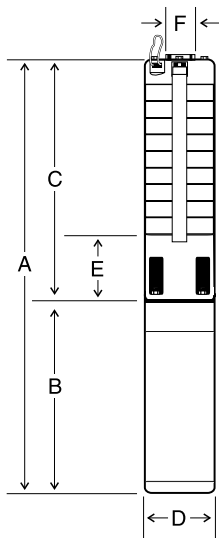
GRUNDFOS Redi-Flo4™
Variable Performance Submersible Pumps
Models 5E8, 10E5, 16E4, 25E3

Submittal Data

	JOB or CUSTOMER:	
	ENGINEER:	
	CONTRACTOR:	
	SUBMITTED BY:	DATE:
	APPROVED BY:	DATE:
	ORDER NO:	DATE:
	SPECIFICATION REF:	

QUANTITY	TAG NO.	MODEL NO.	GPM	FEET	VOLT	PHASE	COMMENTS
					230	3	
					230	3	
					230	3	
					230	3	

Dimensions



Technical Data

FLOW RANGE:

- 5E8: 0 - 10 U.S. GPM
- 10E5: 0 - 15 U.S. GPM
- 16E4: 0 - 35 U.S. GPM
- 25E3: 0 - 50 U.S. GPM

MOTORS:

- Grundfos MS402E Environmental Submersible Motor
- 2.0 HP/ 230V/ 3PH
- Maximum Operating Motor Temperature: 104°F (40°C)
- Maximum Operating Pressure: 220 PSI
- Maximum Number of Starts Per Hour: 100
- Motor Fluid: Deionized water with 30% propylene glycol

DISCHARGE SIZE:

- 5E8: 1" NPT
- 10E5: 1 1/4" NPT
- 16E4: 1 1/4" NPT
- 25E3: 1 1/2" NPT

MATERIALS OF CONSTRUCTION:

See reverse side.

INSTALLATION:

Unit to be installed vertically for submerged operation.

MAXIMUM SETTING DEPTH: Not to exceed 600 ft.
MAXIMUM SUBMERGENCE: 500 ft.

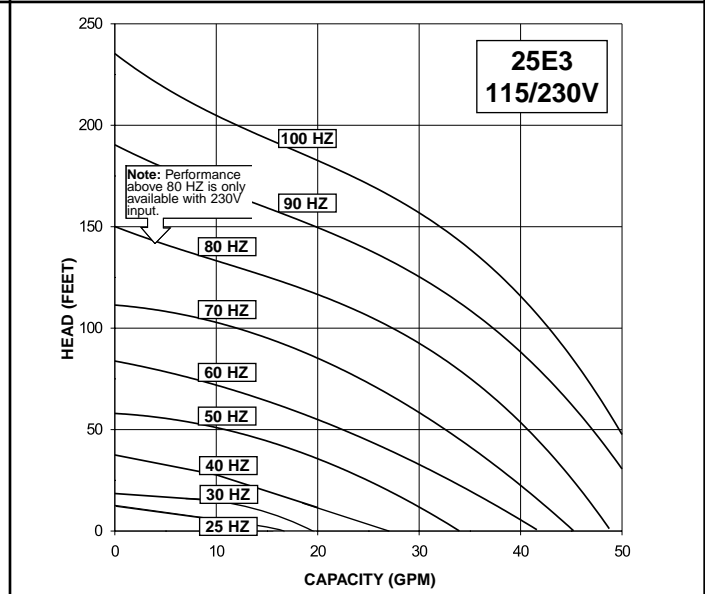
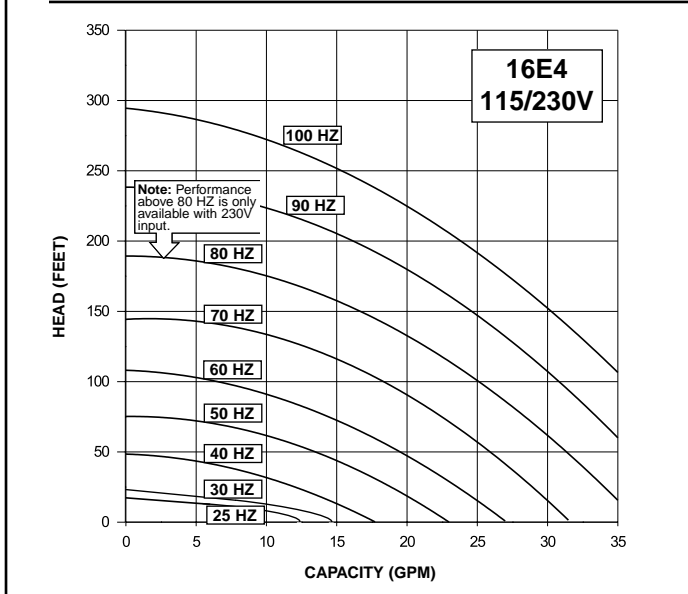
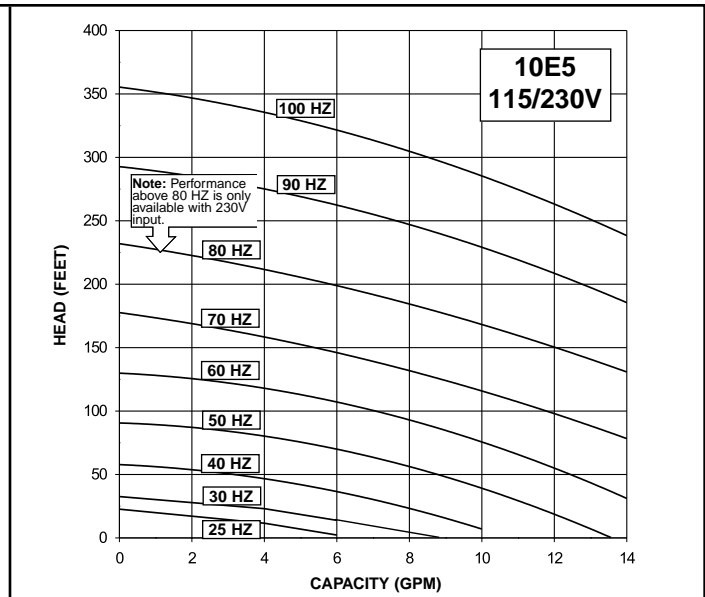
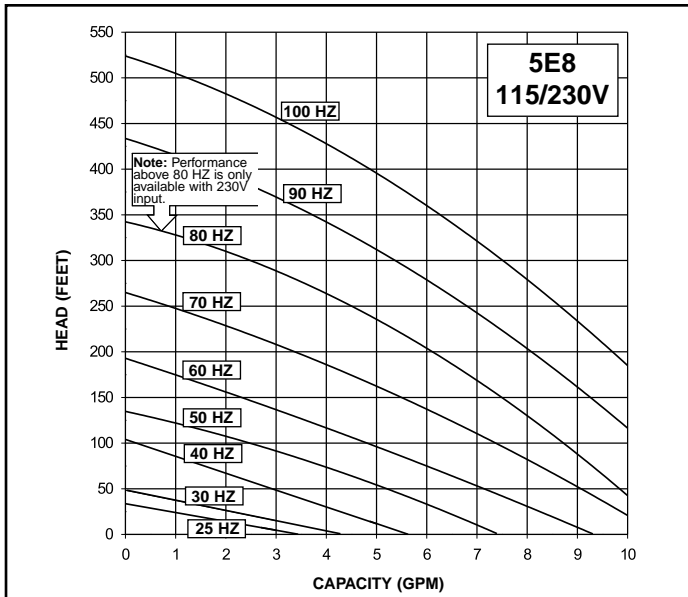
Electrical Data, Dimensions, and Weights

Model	Motors				DIMENSIONS IN INCHES							Net Weight (Lbs.)*	Ship. Weight (Lbs.)*
					Overall Length A	Motor Length B	Pump End Length C	Max. Dia. D	Inlet E	Disch. Pipe Size (NPT) F			
	HP	SF	PH	Volts									
5E8	2	1.25	3	230	26 3/16	13 7/16	12 3/4	3 31/32	3 1/4	1	37	39	
10E5	2	1.25	3	230	23 3/4	13 7/16	10 9/16	3 31/32	3 1/4	1 1/4	35	37	
16E4	2	1.25	3	230	22 7/8	13 7/16	9 7/16	3 31/32	3 1/4	1 1/4	34	36	
25E3	2	1.25	3	230	22	13 7/16	8 9/16	3 31/32	3 1/4	1 1/2	34	36	

* Does not include motor leads.

Performance Curves

Redi-Flo4™ Variable Performance Pumps



Materials of Construction

REDI-FLO4 PUMP END

Description	Material
Check Valve Housing, Check Valve, Diffuser Chamber, Impeller, Suction Interconnector, Inlet Screen, Pump Shaft, Straps, Cable Guard, Priming Inducer	304 SS
Check Valve Seat	304 SS & Teflon®
Impeller Seal Ring	Teflon®
Coupling	329/420/431 SS
Intermediate Bearings	Teflon®

GRUNDFOS ENVIRONMENTAL MOTOR

Description	Material
NEMA Flange, Studs & Fasteners, Stator Housing, Fill Plug Screw	304 SS
Nuts	316 SS
Sand Slinger	FPM
Motor Shaft	431 SS
Diaphragm	FPM
Fill Plug Washer	Teflon®

GRUNDFOS ENVIRONMENTAL MOTOR LEADS

Description	Material
Connector Sleeve	304 SS
Connector Potting	Scotch Cast #4® Epoxy w/FPM Cap
Connector Plug	FPM
Lead Insulation	Tefzel (Teflon® Blend)

NOTES: Specifications are subject to change without notice.
Teflon® is a registered trademark of DuPont.
Scotch Cast #4® is a registered trademark of 3M company.