

FPS

E-SERIES EFFLUENT PUMPS

Ideal for filtered effluent service, aeration, and ornamental fountains and waterfalls, equipped with the power, performance, and reliability you expect from Franklin Electric.





E-SERIES EFFLUENT PUMPS

FEATURES

- Ideal for effluent pumping applications
- Stainless steel or thermoplastic discharge and motor bracket are tough and non-corrosive. Both materials are highly resistant to damage by minerals, metals, and other substances typically found in water
- Heavy-duty, 300 V, 10' SJ00W motor leads
- Ceramic bearing sleeve has time-proven durability for years of reliable service
- Hex rubber bearing has extra large surface assuring shaft stability and multiple flow channels keeping particles away from bearing surfaces
- Proven hydraulic staging allows close tolerances and increased performance
- Carbon phenolic upthrust washer prevents excessive wear in severe applications
- Removable built-in check valve on 10-20 gpm pumps; No built-in check valves on high capacity pumps
- Powered by a Franklin Electric submersible motor



THERMOPLASTIC ORDERING INFORMATION

1/2 - 1.5 HP Single-Phase Units					
GPM	HP	Volt	Wire	Model	Order No.
10	1/2	115	2	10FE05P4-2W115	94741005
	1/2	230	2	10FE05P4-2W230	94741010
	3/4	230	2	10FE07P4-2W230	94741015
	1	230	2	10FE1P4-2W230	94741020
	1.5	230	2	10FE15P4-2W230	94741025
20	1/2	115	2	20FE05P4-2W115	94742005
	1/2	230	2	20FE05P4-2W230	94742010
	3/4	230	2	20FE07P4-2W230	94742015
	1	230	2	20FE1P4-2W230	94742020
	1.5	230	2	20FE15P4-2W230	94742025

THERMOPLASTIC PUMP ENDS

1/2 - 2 HP Pump Ends				
GPM	HP	Stages	Model	Order No.
10	1/2	6	10FE05P4-PE	94751005
	3/4	8	10FE07P4-PE	94751010
	1	11	10FE1P4-PE	94751015
	1.5	15	10FE15P4-PE	94751020
	1/2	4	20FE05P4-PE	94752005
20	3/4	5	20FE07P4-PE	94752010
	1	7	20FE1P4-PE	94752015
	1.5	10	20FE15P4-PE	94752020
	2	12	20FE2P4-PE	94752025

NOTES: Discharge is 1-1/4" NPT. Maximum diameter across cable guard is 3.90" on all models.

STAINLESS STEEL ORDERING INFORMATION

1/2 - 1.5 HP Single-Phase Units (2-Wire)					
GPM	HP	Stages	Volts	Model	Order No.
35	1/2	2	115	35HE05S4-2W115	93933505
	1/2	2	230	35HE05S4-2W230	93933510
	3/4	3	230	35HE07S4-2W230	93933515
	1	5	230	35HE1S4-2W230	93933520
	1.5	7	230	35HE15S4-2W230	93933525
45	1/2	2	115	45HE05S4-2W115	93934505
	1/2	2	230	45HE05S4-2W230	93934510
	3/4	3	230	45HE07S4-2W230	93934515
	1	4	230	45HE1S4-2W230	93934520
	1.5	5	230	45HE15S4-2W230	93934525
60	1/2	2	115	60HE05S4-2W115	93936005
	1/2	2	230	60HE05S4-2W230	93936010
	3/4	3	230	60HE07S4-2W230	93936015
	1	4	230	60HE1S4-2W230	93936020
	1.5	5	230	60HE15S4-2W230	93936025
90	1.5	4	230	90HE15S4-2W230	93939025

NOTES: Discharge is 2" NPT with no built in check valve. Maximum diameter across cable guard is 3.90" on all models.

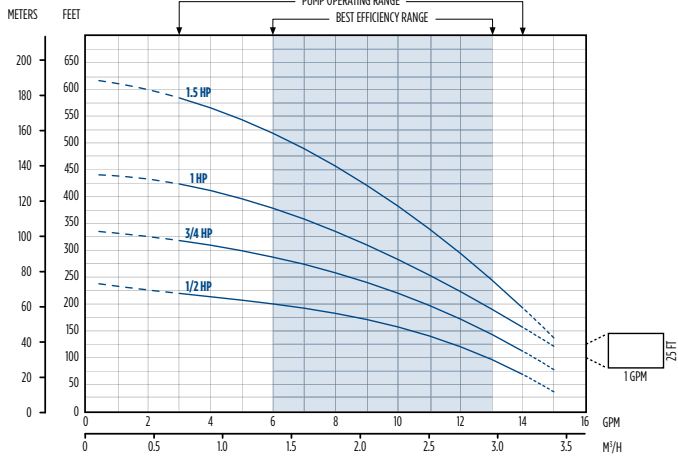
STAINLESS STEEL PUMP ENDS

1 - 10 HP 4" High Capacity Pump Ends				
GPM	HP	Stages	Model	Order No.
35	1/2	2	35HE05S4-PE	93923502
	3/4	3	35HE07S4-PE	93923503
	1	5	35HE1S4-PE	93923505
	1.5	7	35HE15S4-PE	93923507
	2	9	35HE2S4-PE	93923509
45	3	12	35HE3S4-PE	93923512
	1/2	2	45HE05S4-PE	93924502
	3/4	3	45HE07S4-PE	93924503
	1	4	45HE1S4-PE	93924504
	1.5	5	45HE15S4-PE	93924505
60	2	7	45HE2S4-PE	93924507
	3	10	45HE3S4-PE	93924510
	1/2	2	60HE05S4-PE	93926002
	3/4	3	60HE07S4-PE	93926003
	1	4	60HE1S4-PE	93926004
90	1.5	5	60HE15S4-PE	93926005
	2	7	60HE2S4-PE	93926007
	3	10	60HE3S4-PE	93666010
	1.5	4	90HE15S4-PE	93929004
	2	6	90HE2S4-PE	93929006
	3	8	90HE3S4-PE	93929008

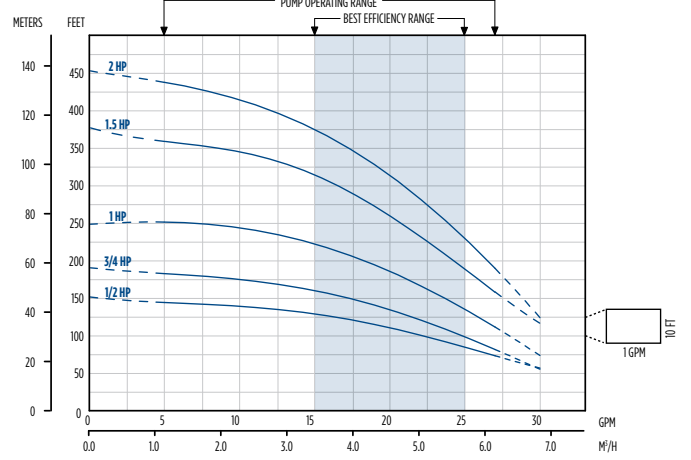
E-SERIES EFFLUENT PUMPS

THERMOPLASTIC PERFORMANCE

10 GPM

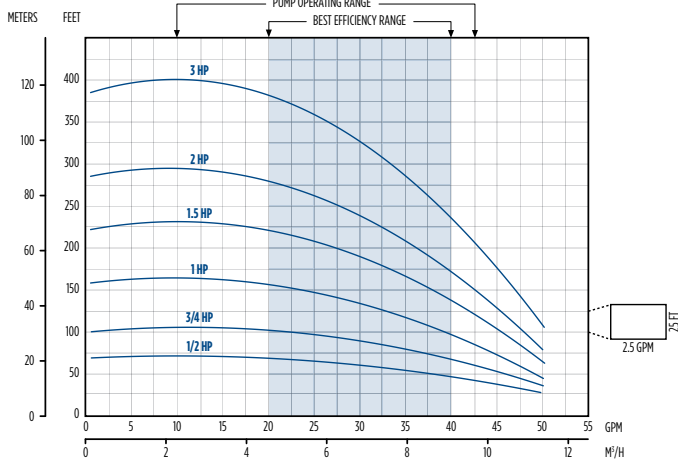


20 GPM

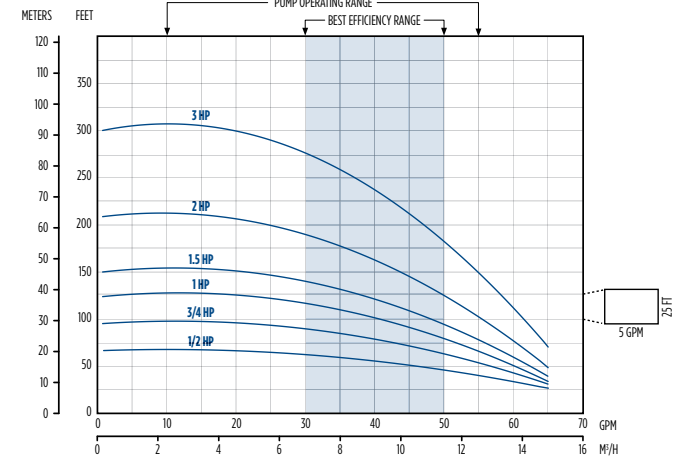


STAINLESS STEEL PERFORMANCE

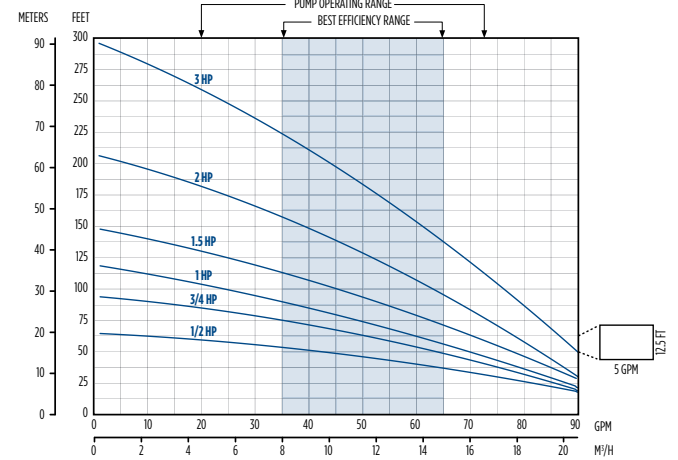
35 GPM



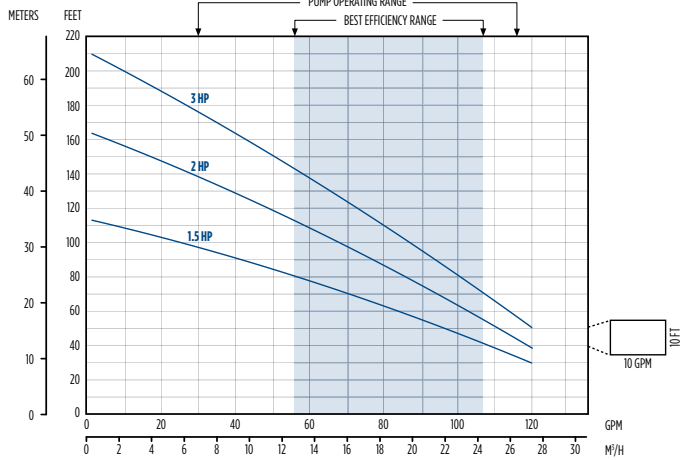
45 GPM



60 GPM



90 GPM



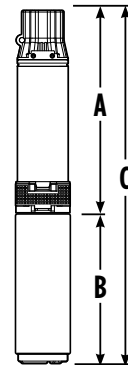
E-SERIES EFFLUENT PUMPS

THERMOPLASTIC DIMENSIONS

GPM	HP	Stages	Dimensions (in)			Wt. (lbs)	
			A	B	C	PE	PMA
10	1/2	6	12.97	9.51	22.48	7	25
	3/4	8	14.69	10.64	25.33	8	29
	1	11	17.44	11.73	29.17	9	33
	1.5	15	21.06	15.10	36.16	10	41
20	1/2	6	12.97	9.51	22.48	7	25
	3/4	5	13.65	10.64	24.29	6	28
	1	7	16.10	11.73	26.42	8	32
	1.5	10	19.77	15.10	34.87	8	39

NOTES: PE = Pump end only; PMA = Pump and motor assembly; Maximum diameter with cable guard is 3.90"

Thermoplastic



STAINLESS STEEL DIMENSIONS

GPM	HP	Stages	Dimensions (in)			Wt. (lbs)	
			A	B	C	PE	PMA
35	1/2	2	9.1	9.5	18.6	6	24
	1/2	2	9.1	9.5	18.6	6	24
	3/4	3	10.3	10.7	21.0	7	28
	1	5	12.9	11.7	24.6	8	32
	1.5	7	15.4	15.1	30.5	9	38
45	1/2	2	9.9	9.5	19.4	9	27
	1/2	2	9.9	9.5	19.4	9	27
	3/4	3	14.3	10.6	24.9	10	32
	1	4	16.5	11.7	28.2	11	35
60	1.5	5	18.8	15.1	33.9	14	43
	1/2	2	9.9	9.5	19.4	10	28
	1/2	2	9.9	9.5	19.4	10	28
	3/4	3	12.1	10.6	22.7	11	32
	1	4	14.3	11.7	26.0	12	35
90	1.5	5	16.5	15.1	31.6	13	44
	1.5	4	17.3	15.1	32.4	14	43

NOTES: PE = Pump end only; PMA = Pump and motor assembly; Maximum diameter with cable guard is 3.90"

Stainless Steel

