

# EF4 series 50HZ



# ECT PUMP

## Stainless Steel Sewage Pump



### MATERIAL CONSTRUCTION

Item	Description	Structure	Materials
Pump	Impeller	Semi-open type	SUS316
	M. Seal	-	SIC / SIC
	Bearing	Ball type bearing	-
	Shaft	-	SUS316
	Pump Housing	-	SUS316
Motor	Pole	4P	-
	Motor type	Dry type / Oil type(30HP)	-
	Hz / Ph	50Hz / 3Ø	-
	Protector	F class 150°C	-
	Voltage	220~460V	-
	Main Shaft	Thermal / AC Protector	-
Liquid	Liquid temp	0~40°C	-
	Liquid nature	Sewage	-
	Max depth	30m	-

Special specifications will be accepted make-to-order

### FEATURES

1. Stainless Steel 304/316 materials are adopted for corrosive-resistance.
2. High efficient motor is adopted, shaft and rotor are macning precisely to raise stability. Serious quality control and high class of insulation are provided for long time operation and service life.
3. Dependable dual mechanical seals are adopted for high wear and heat resistance, and to maintain long life.
4. Impeller is designed for special water flow and big capacity of pump housing to meet dependable performance, and high efficiency for various wastewater.
5. Inner cable wires and cable base are upgraded by filling EPOXY to raise humidity-resistance.
6. Overload protector is available. (option)

### APPLICATIONS

1. Drainage of food market, animal husbandry and water refining tank. Water treatment of wastewater plant, drainage of basement, food industries, leather industries, pulp and paper industries, dyeing industries, steel industries, and various industrial wastewater...etc.
2. Wastewater treatment of chemical industries, medical industries, hospital, laboratory and other comprehensive wastewater treatment...etc.

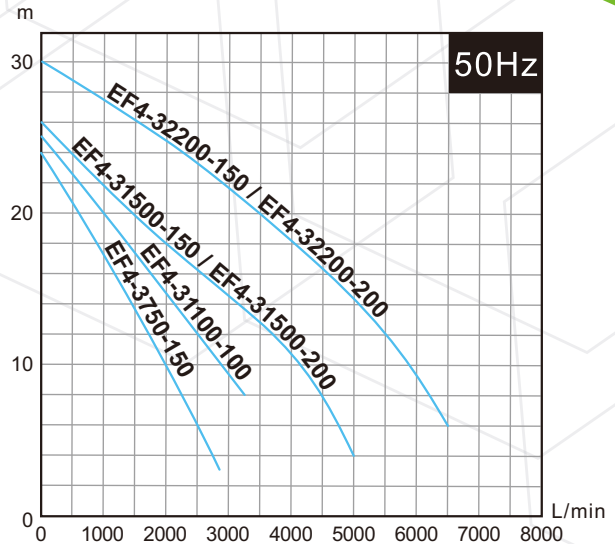
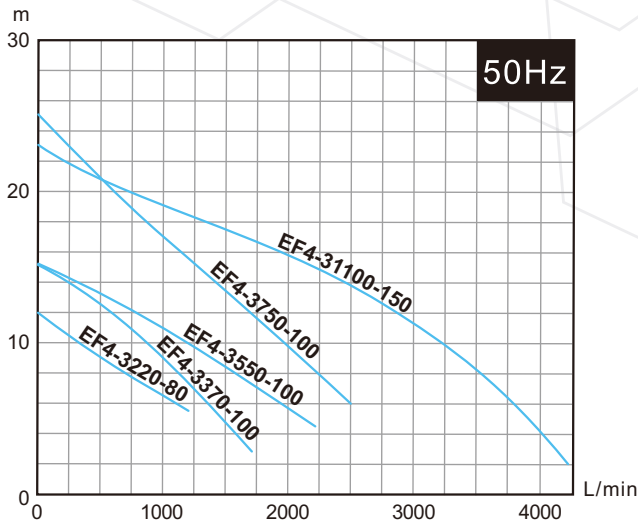


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### PERFORMANCE CURVE



### SPECIFICATION

4P-1500RPM

Model	Power HP(kW)	Discharge Inch(mm)	Phase PH	Start Method	Pole P	Std. Head M	Std. Flow LPM	Solid Passage mm	Dimension			Weight KG
									Length mm	Width mm	Height mm	
EF4-3220-80	3 (2.2)	3" (80)	3Ø	Direct	4	9	500	40	560	300	580	80
EF4-3370-100	5 (3.7)	4" (100)	3Ø	Direct	4	9	1000	40	560	300	650	86
EF4-3550-100	7½ (5.5)	4" (100)	3Ø	Direct	4	11	1000	30	600	360	710	108
EF4-3750-100	10 (7.5)	4" (100)	3Ø	Direct	4	17	1000	40	720	430	730	154
EF4-3750-150	10 (7.5)	6" (150)	3Ø	Direct	4	10	2000	45	770	430	730	184
EF4-31100-100	15 (11)	4" (100)	3Ø	Y-Δ	4	20	1000	45	730	480	900	200
EF4-31100-150	15 (11)	6" (150)	3Ø	Y-Δ	4	17	1700	45	940	480	950	235
EF4-31500-150	20 (15)	6" (150)	3Ø	Y-Δ	4	18	2000	55	940	480	950	245
EF4-31500-200	20 (15)	8" (200)	3Ø	Y-Δ	4	13	3500	60	950	480	990	270
EF4-32200-150	30 (22)	6" (150)	3Ø	Y-Δ	4	25	2000	55	940	480	1000	280
EF4-32200-200	30 (22)	8" (200)	3Ø	Y-Δ	4	20	3500	60	950	480	1000	300

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