



Optional
EAF pumps with guide rail device



Optional
EAF pumps with SUS304 strainer

▲ Features

- Non-clogging impeller minimizes abrasives wear and allows large solid passage.
- Dry motor with overload protector, cable with an epoxy resin sealed water-proof cable hood, high grade cast iron pump casing and motor housing, deep groove C3 bearing to extend life time.
- Superior abrasion resistant double mechanical seal made of silicon carbide to ensure best seal effect.
- Guide Rail Device is available for safety purpose.
- Oil seal mounted outside of seal chamber stops solids gathering around seal faces.

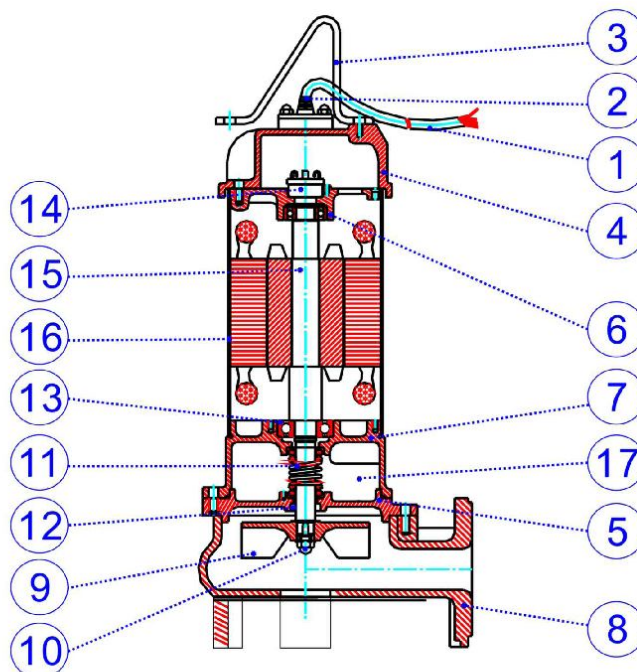
▲ Applications

- Waste water drainage from all industries.
- Sewage drainage from hotels, restaurants, schools, malls, and public buildings..etc.
- Fishery, animal husbandry, stock farm, piggery, and fecal sewage tank in water treatment plant.
- Drainage of waste water containing fibrous additives from leather factories, dyeing factories and food processing plants.

▲ Parts and Materials List

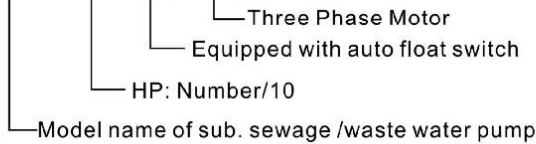
No.	Parts	Std. Material
		EAF Model
1	Cable	VCT
2	Cable hood	PVC
3	Handle	SS400
4	Motor cover	FC200
5	Seal housing	FC200
6	Bracket	FC200
7	Oil chamber	FC200
8	Pump casing	FC200
9	Impeller	FC200
10	Nut	SUS304
11	Mech. seal	SIC/SIC
12	Oil seal	NBR
13	Bearing	(NTN or NSK brand)
14	Overload protector	(T.I.brand)
15	Shaft	SUS410
16	Motor housing	FC200
17	Lubricant oil	(Turbine Oil ISO VG46)

• Mech.seal (sic/sic)material is optional upon request.



Model Code

EA-20(A)(T)



Semi-open (Vortex impeller)
It can allow long fibrous materials and other solid waste to pass through. No clogging impeller.



Optional Auto float switch
Single phase sub. pump equipped with auto float switch.(2hp)

50HZ

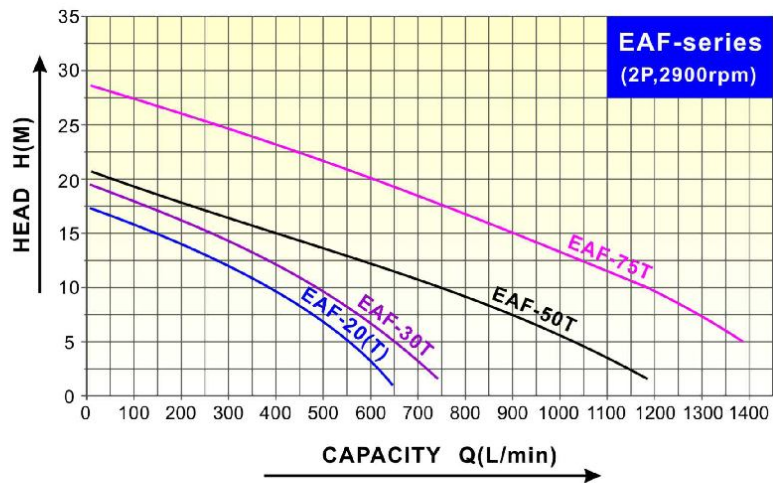
Operating Conditions

- Water temperature: 0~40°C.
- Ambient temperature: 0~40°C.
- Solid passage: 35~50MM.
- Operating water depth: 10M
- No 24hrs continuously running.
- No use in (100%)pure sea water.

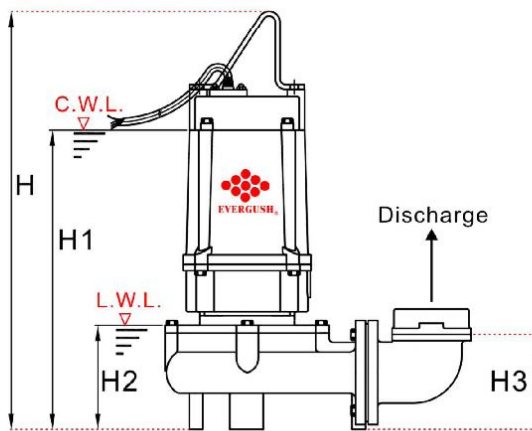
Motor Spec.

- 2P dry type motor.
- Insulation: F class.
- Protection: IP68.
- Frequency: 50HZ
- Voltage: 1φ220~240V(only 2HP)
3φ220~440V(all models)

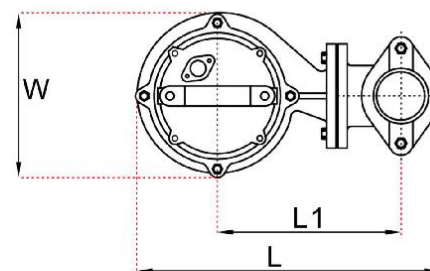
Performance Curves



Specification & Dimensions



C.W.L.: Continuously Running Water Level.
L.W.L.: Lowest Running Water Level.



NOTE: Forbid running submersible pumps continuously under L.W.L.

Model	Power		Disch. Inch	Phase φ	Rated		Max.		Dimensions (mm)						Cable M	Net Weight KG	Solid Passage MM	
	KW	HP			Head M	Capacity LPM	Head M	Cap. LPM	L	L1	W	H	H1	H2				H3
EAF-20(A)(T)	1.5	2	2"(3")	1,3	9~10	420~380	17.0	650	385	233	210	530	379	132	121	5	33	35
EAF-30T	2.2	3	2"(3")	3	10~11	480~450	19.0	750	385	233	210	560	409	132	121	5	37	35
EAF-50T	3.7	5	3"(4")	3	11~13	700~500	21	1200	459	256	227	625	465	182	200	5	62	50
EAF-75T	5.5	7.5	3"(4")	3	13~15	1000~900	28.5	1450	459	256	227	665	505	182	200	5	67	50

Remarks: ●(A): Equipped with automatic float switch. ●(T): Three phase motor. ●10M cable are available for all models per special request.