

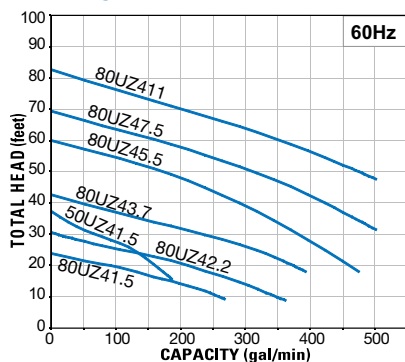
UZ Series



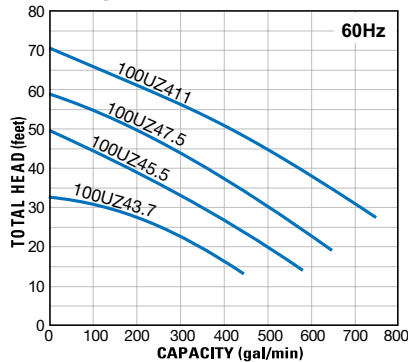
With the full Vortex impeller design, the **UZ SERIES** pumps handle a particle passage of 3", which is the smallest diameter that any of the models in this family of pumps will pass. So if passing a 3" solid is what you require, specify a Tsurumi **UZ SERIES** pump: We have the exact model to handle every application to efficiently and reliably transfer raw sewage. Available up to 15HP in Free-standing, Guide Rail designs & Dry Pit designs.

Performance Curves

Discharge Size: 2" - 3"



Discharge Size: 4"



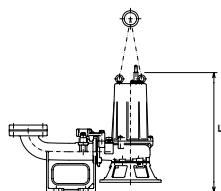
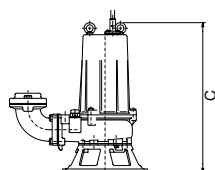
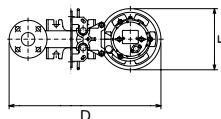
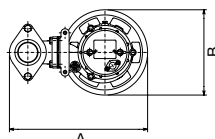
Specifications

Model	Discharge Size (inch)	Phase	Motor Output (HP)	Voltages (V)	Dimensions (inch)						Cable Length (ft)	Free Standing Weight (lbs.)	* Guide Rail Fitting Weight (lbs.)
					Free Standing Models			TOS Guide Rail Models					
					A	B	C	D	E	F			
50UZ41.5	2	3Ø	2	220/440/575	15 15/16	9 13/16	22 1/4	24 7/16	9 13/16	24 5/8	32	115	110
80UZ41.5	3	3Ø	2	220/440/575	20 7/8	10 1/4	25 1/16	27 3/4	10 1/4	26 3/8	32	146	123
80UZ42.2	3	3Ø	3	220/440/575	20 7/8	10 1/4	25 1/16	27 3/4	10 1/4	26 3/8	32	146	126
80UZ43.7	3	3Ø	5	220/440/575	21 15/16	11 7/16	27 1/16	33 5/16	12 3/8	30 9/16	32	159	154
80UZ45.5	3	3Ø	7.5	208-230/460/575	23 7/16	14 1/8	35 3/8	30 1/4	14 1/8	36 1/2	32	288	273
80UZ47.5	3	3Ø	10	208-230/460/575	23 7/16	14 1/8	36 1/4	30 1/4	14 1/8	37 5/16	32	313	294
80UZ411	3	3Ø	15	208-230/460/575	23 11/16	14 1/8	38 5/8	30 9/16	14 1/8	39 5/8	32	378	374
100UZ43.7	4	3Ø	5	220/440/575	24 11/16	12 3/8	29	28 3/4	11 7/16	28 3/8	32	174	139
100UZ45.5	4	3Ø	7.5	208-230/460/575	25 11/16	14 1/8	36 15/16	34 5/16	14 1/8	38 3/8	32	323	299
100UZ47.5	4	3Ø	10	208-230/460/575	25 11/16	14 1/8	37 13/16	34 5/16	14 1/8	39 3/16	32	351	326
100UZ411	4	3Ø	15	208-230/460/575	26	14 1/8	40 3/16	34 5/8	14 1/8	41 1/2	32	417	392

* Pump Weight Only

Dimension: Free Standing

Dimension: Guide Rail Fitting (TO / TOS)

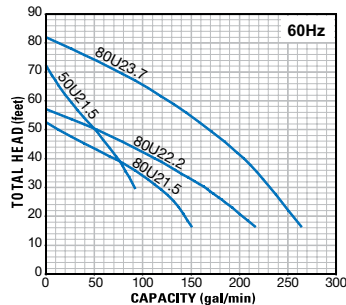


U Series

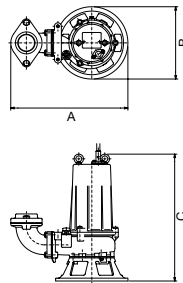


The **U SERIES** Tsurumi submersible pump is designed for handling wastewater, industrial and commercial sump pump applications. The **U Series** pump is equipped with a semi-vortex impeller designed for use in effluent and dirty water applications. Available up to 15HP in Free-standing, Guide Rail designs & Dry Pit designs.

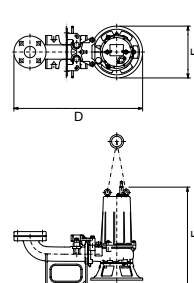
Performance Curves



Dimension: Free Standing



Dimension: Guide Rail Fitting (TO / TOS)



Specifications

Model	Discharge Size (inch)	Phase	Motor Output (HP)	Voltages (V)	Dimensions (inch)						Cable Length (ft)	Free Standing Weight (lbs.)	* Guide Rail Fitting Weight (lbs.)
					Free Standing Models			TOS Guide Rail Models					
					A	B	C	D	E	F			
50U21.5	2	3Ø	2	208-230/460/575	11 11/16	7 7/8	18 3/8	25 7/8	7 7/8	18 13/16	32	66	77
80U21.5	3	3Ø	2	208-230/460/575	16 9/16	7 7/8	19 3/4	24 1/8	7 7/8	23 3/4	32	88	79
80U22.2	3	3Ø	3	208-230/460/575	19 3/4	9 7/16	22 1/8	25 1/4	9 7/16	25 1/2	32	121	112
80U23.7	3	3Ø	5	208-230/460/575	19 3/4	9 3/16	22 1/4	25 1/4	9 3/16	25 9/16	32	129	127

* Pump Weight Only

VORTEX-IMPELLER SUBMERSIBLE SEWAGE PUMPS

UEF Series / UT(Z) Series



UEF Series

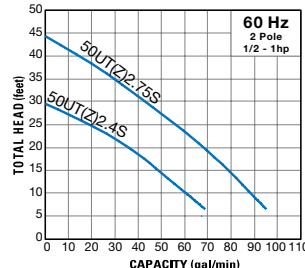
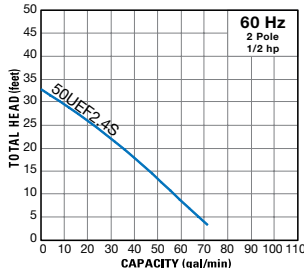


UT Series

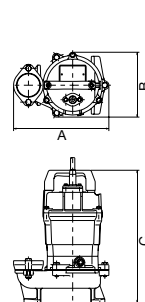
The **UEF SERIES** pump is ideal for tank transfer at small scale treatment facilities. It features a vortex impeller, making it ideal for pumping liquids containing fibrous foreign matter.

The **UT/UTZ SERIES** is an economical version of the U Series, semi-vortex submersible pumps. It is designed for a wide range of applications. Available in **automatic operation** (50UTZ2.4S/2.75S), which are equipped with floats.

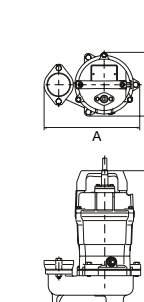
Performance Curves



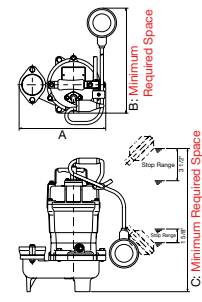
Dimension: 50UEF2.4S



Dimension: 50UT2.4S/2.75S



Dimension: 50UTZ2.4S/2.75S



Specifications

(Suffix Z: Automatic Operation)

Model	Discharge Size (inch)	Phase	Motor Output (HP)	Voltages (V)	Solids Passage (inch)	Impeller Material	Dimensions (inch)			Cable length (ft)	Pump Weight (lbs.)
							A	B	C		
50UT2.4S	2	1Ø	1/2	110-120/220	1.4	PPO Resin	9 1/2	6 3/8	13 3/4	20	31
50UTZ2.4S	2	1Ø	1/2	110-120/220	1.4	PPO Resin	9 1/2	11 5/8 ^{*1}	15 3/4 ^{*1}	20	31
50UT2.75S	2	1Ø	1	110-120/220	1.4	PPO Resin	9 1/2	6 3/8	16	20 ^{*2}	37
50UTZ2.75S	2	1Ø	1	110-120/220	1.4	PPO Resin	9 1/2	11 5/8 ^{*1}	18 ^{*1}	20 ^{*2}	37
50UEF2.4S	2	1Ø	1/2	110-120/220	0.8	Urethane Rubber	9 5/16	6 3/8	13	20	33

^{*1} Minimum Required Space^{*2} 32ft is optional