

# KTV(E)

Lightweight, compact, durable and self-contained automatic operation



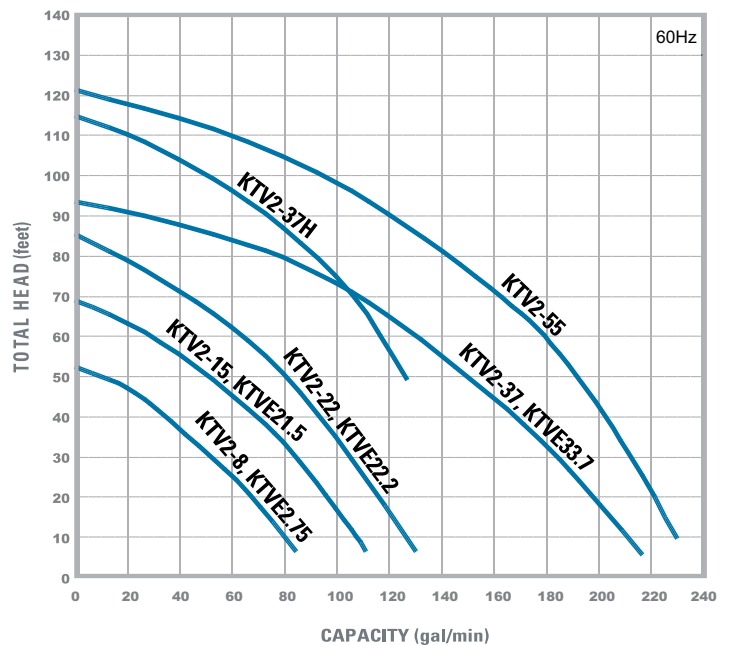
### Built-in Automatic Operation KTV(E):

Allows a three phase pump to operate automatically in a smaller casing or sump where traditional float switches don't fit.

### Material

Impeller:	Abrasion Resistant / Urethane Lined
Casing:	Aluminum
Mechanical Seal:	Silicon Carbide
Motor Frame:	Aluminum Alloy
Shaft:	403 / 420 Stainless Steel
Fasteners:	304 Stainless Steel
Cable:	PVC Sheath, Chloroprene Sheath

### Performance Curves



# KTV(E) pumps are easily portable and highly resistant to wear!

## Features

- Lightweight, Compact Size
- Long Life and Low Maintenance
- Simple Construction for Easy Repair
- Anti-Wicking Cable Entrance
- Dual Silicon Carbide Mechanical Seals
- Tsurumi's Patented Oil Lifter
- Internal Thermal Motor Protection
- Automatic Operation on KTVE Series



KTV(E) SERIES



The **KTV series** was developed with a die cast aluminum body and elastomer pump end to reduce weight and allow easy handling. The semi-vortex impeller allows for maximum particle passage size while offering increased parts life. In addition, the need for impeller efficiency adjustments has been completely eliminated.

The **KTVE series** offers the same features as the KTV series with the added benefit of an integrally mounted electrode probe for turning the pump on and off automatically. Unnecessary dry-run is prevented to save energy and reduce wear without the need for auto control panels and cumbersome float assemblies. The pump installs and handles like a standard pump yet operates automatically by simply connecting to a manual control panel.

MODEL	MOTOR SPECIFICATIONS						PUMP SPECIFICATIONS			DIMENSIONS			
	Motor Output (HP)	Voltages (V)	Pole	RPM	Insulation Class	Discharge Size (in.)	Maximum Capacity (GPM)	Maximum Head (ft.)	Dimension (in.)		Continuous Running Water Level (in.)	Pump Weight (lbs.)	
									Diameter	Height			
<b>KTV SERIES</b>	KTV2-8	1	208 - 230 / 460 / 575	2	3320	E	2	85	53	7 7/8	14 1/2	2 1/2	25
	KTV2-15	2	208 / 230 / 460 / 575	2	3440	E	2	111	69	9 7/16	15 9/16	3 1/8	46
	KTV2-22	3	208 / 230 / 460 / 575	2	3440	E	2	130	85	9 7/16	16 3/8	3 1/8	51
	KTV2-37H	5	208 / 230 / 460 / 575	2	3450	E	2	127	115	11 1/4	20 1/16	3 1/2	79
	KTV2-37	5	208 / 230 / 460 / 575	2	3450	E	3	217	94	11 1/4	20 1/16	3 1/2	79
	KTV2-55	7.5	208 / 230 / 460 / 575	2	3435	E	3	230	121	11 13/16	21 7/16	3 1/2	104
<b>KTVE SERIES</b>	KTVE2.75	1	208 - 220 / 440 / 575	2	3320	E	2	85	53	7 7/8	16 7/16	*9 1/4	28
	KTVE21.5	2	208 / 230 / 460 / 575	2	3440	E	2	111	69	9 7/16	16 3/4	*10 1/2	48
	KTVE22.2	3	208 / 230 / 460 / 575	2	3440	E	2	130	85	9 7/16	16 3/4	*10 1/2	55
	KTVE33.7	5	208 / 230 / 460 / 575	2	3450	E	3	217	94	11 1/4	23 1/16	*12 7/8	88

\*Pump Starting Water Level