



# PENTEK® XE-6 SAVES YOU MONEY

## Proof that the Pentek XE-6 motor saves you money vs. Franklin Electric® or Hitachi®

For the same horsepower, the XE-6 draws less amps, uses less watts, and provides higher efficiencies than comparable 6" motors from Franklin or Hitachi. That translates into lower operating costs, as shown in the chart below:

							Percent annual estimated savings with Pentek XE-6 motor*	
HP	kW	Ph	Volts	Hz	S.F.	vs. Franklin Electric	vs. Hitachi	
7.5	5.5	1	230	60	1.15	5.68%	7.26%	
10	7.5			60		1.11%	5.54%	
15	11			60		2.31%	12.33%	
10	7.5	3	200-208 230 460	60		3.70%	3.08%	
15	11			60		2.15%	2.15%	
20	15			60		1.29%	.10%	
25	19			60		.7%	1.09%	
30	22			60		2.09%	2.28%	
40	30			60		4.48%	1.10%	
50	37			60		1.92%	2.25%	

## The XE-6 also includes features that deliver a reliable and durable submersible motor:

	Pentek XE-6	Franklin Electric	Hitachi
Maximum Ambient Temperature (F/C)	95/35	86/30	95/35
Thrust Rating (lbs) 5-30hp	3600	3500	3500
Thrust Rating (lbs) 40-50hp	6750	6000	5000
Mechanical Steel	Silicon Carbide	Carbon Ceramic	n/a
Shaft	17-4 Stainless Steel	303 ss (5-30hp) 17-4 ss (40-50hp)	304 Stainless Steel
Insulation Class	F	F	E (5-30hp) ; B (40hp) F (50hp)

**It's easy to see that the lower operating costs, combined with superior features, makes the Pentek XE-6 the preferred 6" submersible motor when compared to the competition.**

Assembled in USA of domestic and foreign parts.

\*Information Sources

Table 8 "Characteristics of Irrigation Wells Used on Farms: 2013" - 2013 Farm and Ranch Irrigation Survey, (from the 2012 Census of Agriculture)

United States Department of Agriculture (USDA) National Agricultural Statistics Service (NASS)

Table 5.6.A. "Average Retail Price of Electricity to Ultimate Customer by End-Use Sector"

Electric Power Monthly, United States Electric Information Administration (U.S. EIA) data from May 2015

Hitachi data from Hitachi C1/C2 SM-E183P (10/6/06)

Franklin Electric data from Franklin Electric AIM Manual 2015 Edition M1311 (01-15)

Pentek XE-6 data tested and published in Pentek XE-6 Owner's Manual PN989 (Rev. 10/01/15).

Based on the motor's watts at full service factor; average hours of operation for irrigation wells used on farms; average retail price of electricity for farms

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