



## AQUATIC ECO-SYSTEMS™

# COMMERCIAL AQUACULTURE

## PENTAIR AQUATIC ECO-SYSTEMS VERUS™ 850 PREMIUM EFFICIENCY PUMP

The aquaculture-duty Verus pump provides extraordinary electrical and hydraulic efficiency that delivers premium performance and low electrical costs. Their impellers are manufactured for true breakthrough performance, allowing for lower loads and longer motor life. A non-corrosive, thermoplastic construction equipped with saltwater-rated stainless steel internal fasteners and a highly robust mechanical seal make this the ideal pump for commercial aquaculture and other heavy-duty applications. Thanks to its light overall weight for its size, one-man installation is possible.

Available in ratings with flow rates up to 800 gpm, and from 3 to 15 hp. Verus pumps are equipped with continuous-duty, NEMA-rated premium efficiency motors. The new Verus 3-phase pumps with TEFC motors feature heavy-duty sealed bearings and an ultra-strong aluminum fan for superior cooling. The TEFC models are an ideal choice for installations prone to coastal elements and harsh environments. The Verus pump is available with or without a modular strainer pot, for maximum flexibility in a wide range of field applications. One-year warranty. UL778 listed. Not certified for use in swimming pool applications.

### Standard Features:

- **NEW** TEFC motor available in three-phase only.
- Available in single- and three- phase models, ODP.
- Closed-coupled for quiet operation and stable flow rate.
- Self-priming when equipped with optional strainer pot.
- ANSI-certified flange port design: 6" suction and 4" discharge. (Flange kit sold separately)
- Closed impeller for long life and durability
- 50 Hz available.



VREKT-20-AQ

	Voltage	Amps	Hp
<b>Single-phase</b>			
VRE-20-AQ	230	20.0	5
VRE-30-AQ	230	30.4	7.5
VRE-40-AQ	230	40.0	10

<b>Three-phase with TEFC Motor</b>			
VREKT-20-AQ	208-230/460	13.5-12.3/6.2	5
VREKT-30-AQ	208-230/460	20.4-18.2/9.1	7.5
VREKT-40-AQ	208-230/460	27.0/26.2-13.1	10
VREKT-60-AQ	208-230/460	40.0-38.0/18.8	15

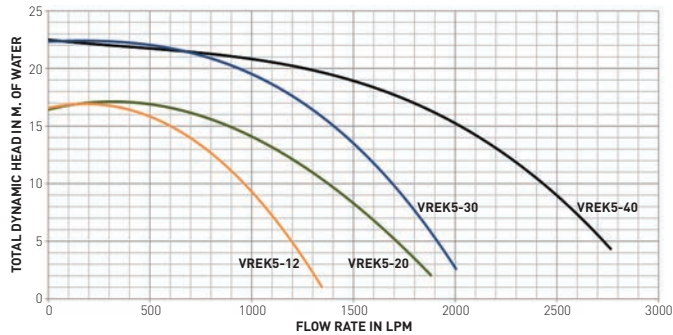
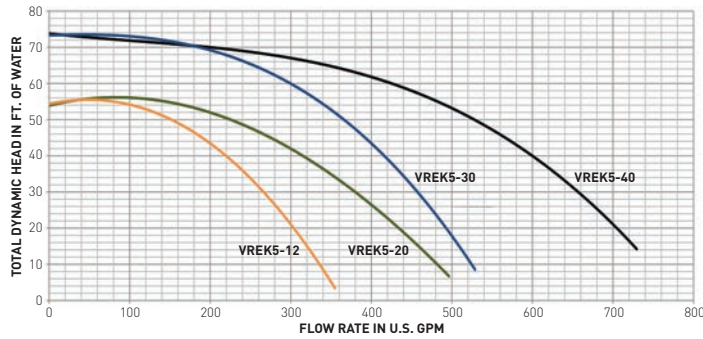
<b>Three-phase, 50 Hz</b>			
VREK5-12-AQ	230/400	7.9/4.5	3
VREK5-20-AQ	230/400	12.3/7.1	5
VREK5-30-AQ	230/400	18.1/10.4	7.5
VREK5-40-AQ	230/400	24.0/13.7	10

	Voltage	Amps	Hp
<b>Three-phase, 575V</b>			
VREC-20-AQ	575	5.1	5
VREC-30-AQ	575	7.2	7.5
VREC-40-AQ	575	10.2	10
VREC-60-AQ	575	15.0	15

<b>Single-phase, 1,750 RPM</b>			
VREW-12-AQ	208-230	19.5/19.2	3
VREW-20-AQ	208-230	23.0-20.1	5

<b>Three-phase, 1,750 RPM</b>			
VREWK-12-AQ	208-230/460	8.4-7.8/3.9	3
VREWK-20-AQ	208-230/460	13.8-13.0/6.5	5

Performance Curves @ 50 Hz



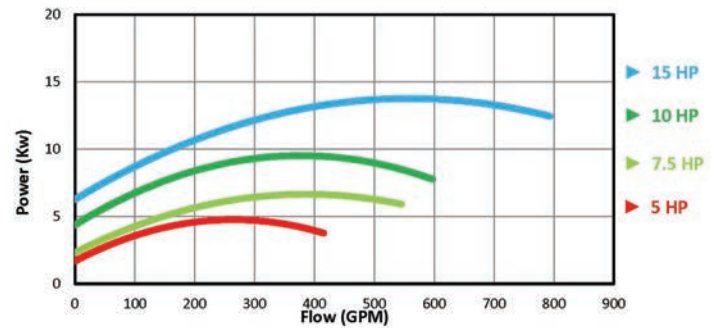
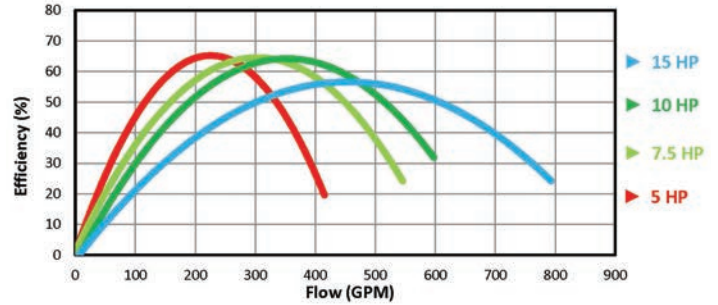
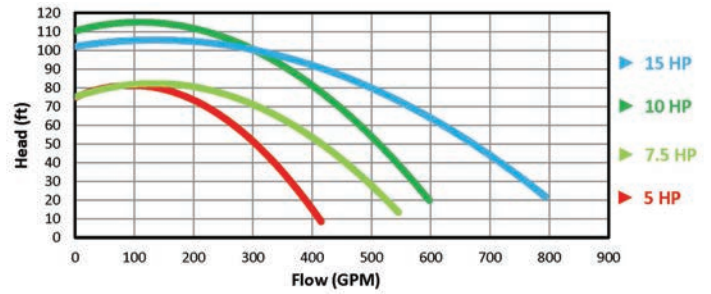
#### Optional Accessory

VR-STR-AQ Strainer Pot Assembly, 6" x 6"

#### Flange Kits

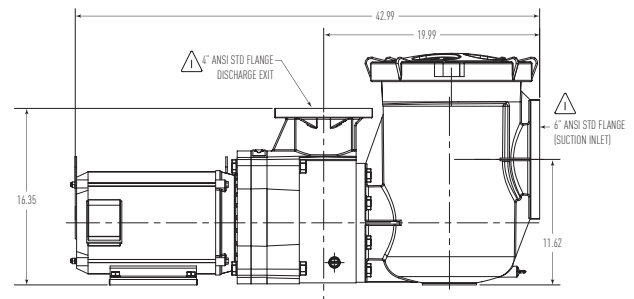
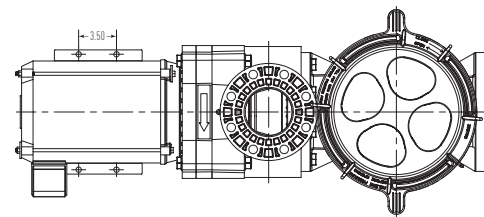
357262-AQ	4" ANSI Flange, w/Gasket and SS Hardware
357263-AQ	6" ANSI Flange, w/Gasket and SS Hardware
357212-AQ	6" ANSI Flange, w/Gasket and SS Hardware Use on Verus Pumps not equipped with Strainer Pot

Performance Curves @ 60 Hz



#### Verus™ Pump with Strainer Pot 6" x 4

Use ANSI 150 Plastic flange and 1/4" thick class 150 full flange gasket to make connection.



#### AQUATIC ECO-SYSTEMS™

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