# Jandy®

# THE BEST POOLS BEGIN WITH THE BEST PUMP

# E PUMP™
## VARIABLE-SPEED PUMP

# The Jandy® ePump™ is designed for energy savings, efficient operation and easy maintenance.

When building a high-end pool, you want a high-end pump. The ePump is a high-performance, low-maintenance, energy-saving variable-speed pool pump in a large-sized body.

- **Maximum Savings**
  Save over $1,100[1] per year in energy costs! The ePump allows for dramatic energy savings compared to high energy consuming single-speed pumps.

- **Improved Performance, Reduced Maintenance**
  Small pump baskets fill faster — restricting flow and eroding performance. The ePump features the largest capacity smooth surface basket in the industry for reduced maintenance and improved performance.

- **Less Noise[2]**
  Relax and unwind without the unwanted sound of a pool pump. Proprietary sound dampening motor technology provides almost "whisper-quiet" pump operation — no louder than the daily operation of your refrigerator — allowing you to enjoy a truly peaceful pool experience.

- **Programmable Auxiliary Relays for Instant Automation**
  Two programmable[3] auxiliary relays allow the pump to control other equipment, such as a salt chlorinator and booster pump, without a separate timeclock.

- **No Rewiring Necessary**
  Auto-sensing dual voltage motor automatically recognizes and adapts to 115 or 230-volt power supplies.

- **Additional Features**
  › Available in 2.2 and 2.7 HP models
  › RS485 Quick Connect Port for faster installation and maintenance
  › Four-Speed Dry Contact Relay Control
  › Easy controller setup auto detects connection to an automation system or a traditional controller, eliminating the need to adjust settings manually
  › 2" x 2.5" unions included / 2.5" x 3" compatible[4]
  › Ergonomic carry handle for easy installation
  › Tool free lid allows for quick and easy cleaning of the pump basket
  › Zero Clearance Totally Enclosed Fan-Cooled (TEFC) permanent magnet brushless DC motor that provides cooler operation and extended motor life

- **Choose Your Own Controller**
  Designed to work with the following Jandy control systems for complete programmability and customization:
  › SpeedSet™ Controller (included and preinstalled from factory on all DV2AS models)
  › iQPUMP01 with iAquaLink® App Control
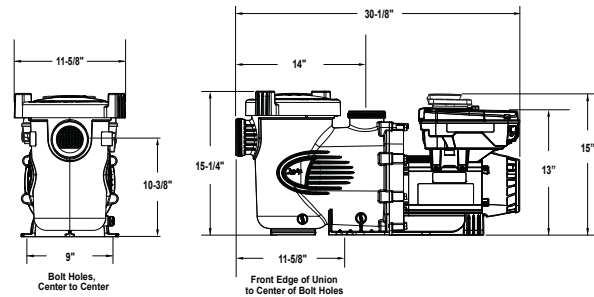  › Jandy AquaLink Automation Sysytems
  › JEP-R Controller

## MODELS

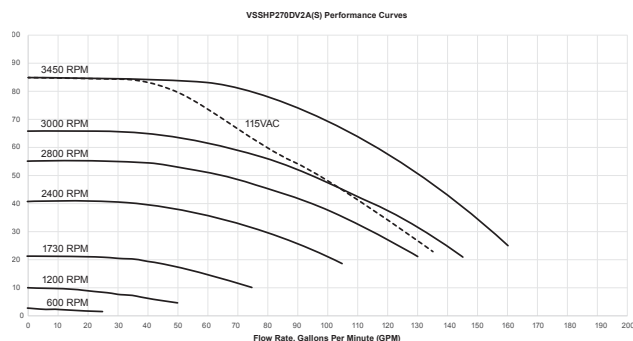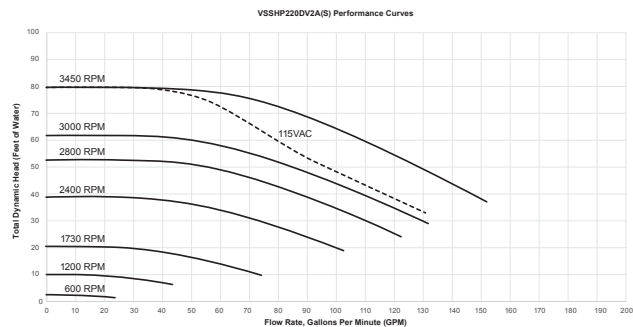| Model No. | Option Description |
|---|---|
| VSSHP220DV2AS & VSSHP270DV2AS | ePump 2.2 & 2.7 HP. SpeedSet Controller Preinstalled |
| VSSHP220DV2A & VSSHP270DV2A | ePump 2.2 & 2.7 HP. Controller Sold Separately |

## SPECIFICATIONS

| Model No. | THP | WEF[5] | Voltage | Max Watts | Amps | Union Size | Rec. Pipe Size[6] | Carton Weight | Overall Length |
|---|---|---|---|---|---|---|---|---|---|
| VSSHP220DV2A(S) | 2.21 | 8.3 8.8 | 230 VAC 115 VAC | 2,190W 1,660W | 10.5 16.0 | 2" × 2 1/2" | 2" – 3" | 71 lbs. | 30 1/8" |
| VSSHP270DV2A(S) | 2.70 | 7.5 9.3 | 230 VAC 115 VAC | 2,370W 1,675W | 10.5 16.0 | 2" × 2 1/2" | 2" – 3" | 71 lbs. | 30 1/8" |

## DIMENSIONS



30-1/8"
11-5/8"
14"
15-1/4"
10-3/8"
15"
13"
9"
11-5/8"

Bolt Holes, Center to Center

Front Edge of Union to Center of Bolt Holes

## PERFORMANCE



VSSHP220DV2A(S) Performance Curves

Total Dynamic Head (Feet of Water)

3450 RPM
3000 RPM
2800 RPM
2400 RPM
1730 RPM
1200 RPM
600 RPM
115VAC

Flow Rate, Gallons Per Minute (GPM)



VSSHP270DV2A(S) Performance Curves

3450 RPM
3000 RPM
2800 RPM
2400 RPM
1730 RPM
1200 RPM
600 RPM
115VAC

Flow Rate, Gallons Per Minute (GPM)

[1]Based on a 28,000 gallonpool with 2 turnovers per day at an average power cost of 0.195/kWh; when tested in accordance with the applicable requirements of 10 CFR 429.

[2]Compared to previous generation ePump based on independent third-party lab testing at 1725 RPM from 6 ft.

[3]Auxiliary relays on all Jandy DV2A and DV2AS pump models are programmable when paired with a Jandy SpeedSet or iQPUMP01 variable-speed pump controller

[4]R-Kit R0446102 includes two unions, O-rings and 2.5" x 3" tailpieces.

[5]WEF = weighted energy factor in kgal/kWh. WEF is a performance-based metric adopted by the Department of Energy to characterize the energy performance of dedicated-purpose pool pumps. Department of Energy 10 CFR Parts 429 and 431.

[6]Always follow local building and safety codes for pipe sizing and guidelines.

ENERGY STAR    NSF    ETL Intertek
Certified to NSF/ANSI/CAN 50