



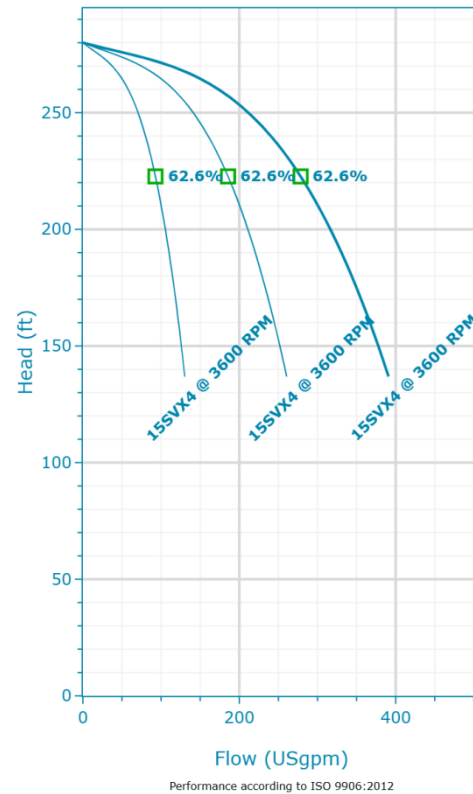
**HVXR3D4L-15SVX4RJAXX0-G**

Created On: 8/19/25

## HVXR3D4L-15SVX4RJAXX0-G | Configuration Summary



Designed to transfer and increase the pressure of clean water, e-HVX & e-HVXR Packaged Booster Systems integrate decades of expertise and know-how in pump technology to bring the right combination of motors, variable speed drive and hydraulic pumps in one comprehensive, highly efficient boosting solution.



### PUMP

**Model**  
15SVX4 3600rpm

**Installation**  
Complete Pump

### PACKAGED SYSTEM

**Number Of Units**  
Triplex

**Suction Type**  
Pressurized

**Header Size**  
4 in

### SEAL

**Type of Seal**  
Type 21

**Rotating Face**  
Carbon

**Stationary Face**  
Silicon Carbide

**Elastomers**  
FKM

### STANDARD OPTIONS

**Panel Orientation**  
Left

### MOTOR

**Frequency (Hz)**  
60

**Power**  
10 hp

**Poles**  
4

**Phase (~)**  
3

**Enclosure**  
TEFC

**Voltage**  
380-480 V

## HVXR3D4L-15SVX4RJAXX0-G | Product Details

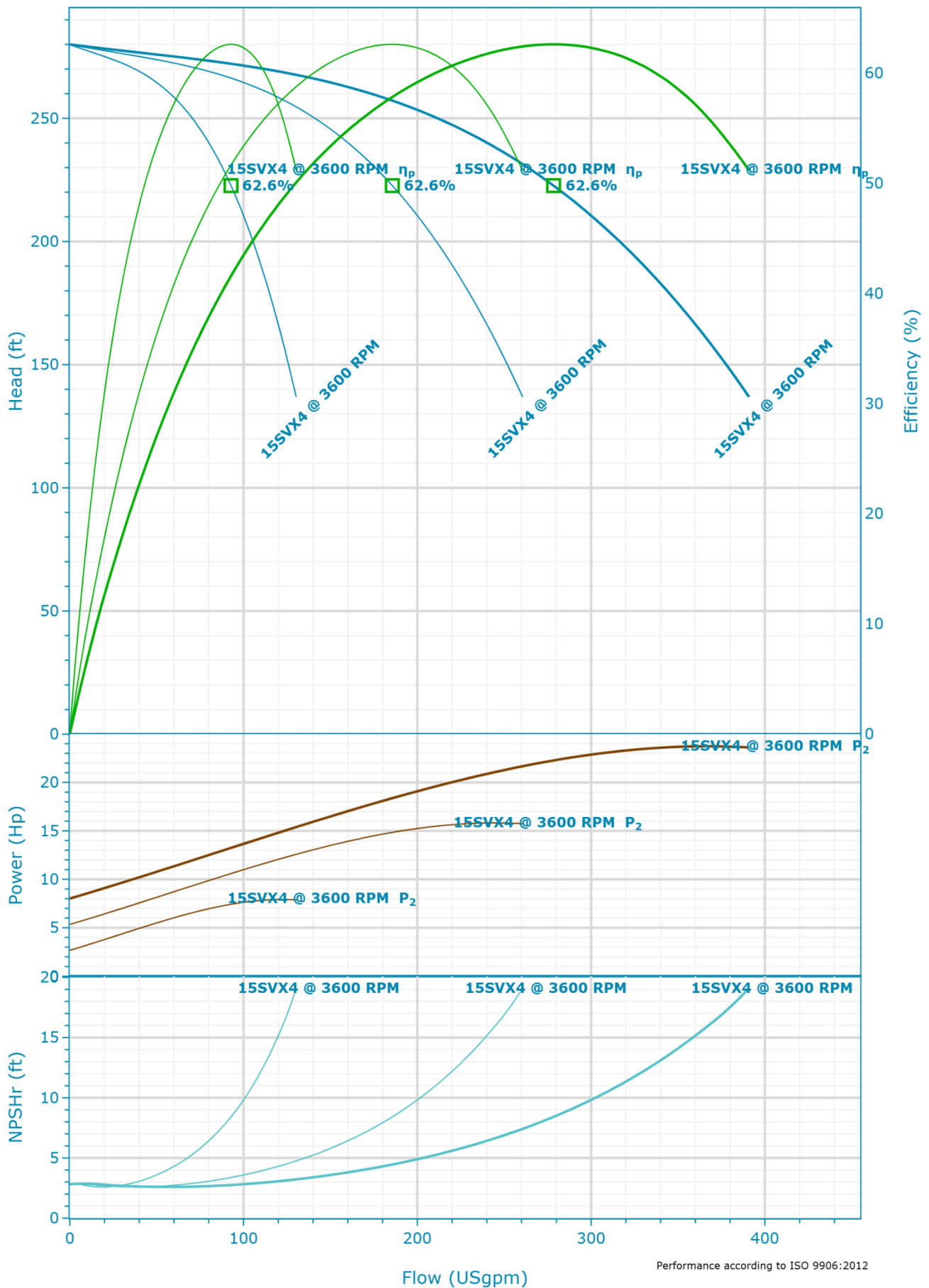
### Construction Materials

|                                                    |                                                     |                                                            |                                                                   |
|----------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Pump Body (1)</b><br>Stainless Steel (AISI 304) | <b>Shaft (5)</b><br>Stainless Steel (AISI 316)      | <b>Seal Plate (9)</b><br>Stainless Steel (AISI 316L)       | <b>Tie Rods (13)</b><br>Carbon Steel / Zinc Plated (A29 Gr. 1045) |
| <b>Impeller (2)</b><br>Stainless Steel (AISI 304)  | <b>Adapter (6)</b><br>Cast Iron (ASTM Class 35/40B) | <b>Coupling Guard (10)</b><br>Stainless Steel (AISI 304)   | <b>Wear Ring (14)</b><br>PPS                                      |
| <b>Diffuser (3)</b><br>Stainless Steel (AISI 304)  | <b>Base (7)</b><br>Aluminum (A384.0-F)              | <b>Shaft Sleeve and Bushing (11)</b><br>Tungsten Carbide   | <b>Seal Gland (15)</b><br>Powder Coated Steel (ASTM A500)         |
| <b>Casing (4)</b><br>Stainless Steel (AISI 316L)   | <b>Coupling (8)</b><br>Aluminum (A384.0-F)          | <b>Fill/Drain Plugs (12)</b><br>Stainless Steel (AISI 316) | <b>Panel Stand (16)</b><br>Powder Coated Steel (ASTM A500)        |

### Motor

|                           |                                   |                   |                     |
|---------------------------|-----------------------------------|-------------------|---------------------|
| <b>Enclosure</b><br>TEFC  | <b>Rated Power</b><br>10 hp       | <b>Phase</b><br>3 | <b>MCA</b><br>79.25 |
| <b>Speed</b><br>3,600 rpm | <b>Rated Voltage</b><br>380-480 V | <b>FLA</b><br>73  |                     |

## HVXR3D4L-15SVX4RJAXX0-G | Hydraulic Data & Performance Curve



#### Selection

|                         |                 |
|-------------------------|-----------------|
| Series                  | System Type     |
| AQUAFORCE e-HVXR        | Multi Pump      |
| Name                    | Operating Pumps |
| HVXR3 15SVX4            | 3               |
| Stages                  | Standby Pumps   |
| 4                       | No Standby Pump |
| Frequency               |                 |
| 60 Hz                   |                 |
| Suction Type            |                 |
| Pressurized             |                 |
| Station Losses          |                 |
| 5.00 psi                |                 |
| Acceptance Grade        |                 |
| Manufacturer's Standard |                 |

#### Fluid

|                   |                           |
|-------------------|---------------------------|
| Fluid Type        | Density                   |
| Water             | 62.428 lb/ft <sup>3</sup> |
| Fluid Temperature | Dynamic Viscosity         |
| 39.2 °F           | 1.567212 cP               |
| Specific Gravity  | Fluid Vapor Pressure      |
| 1                 | 0.118 psi                 |

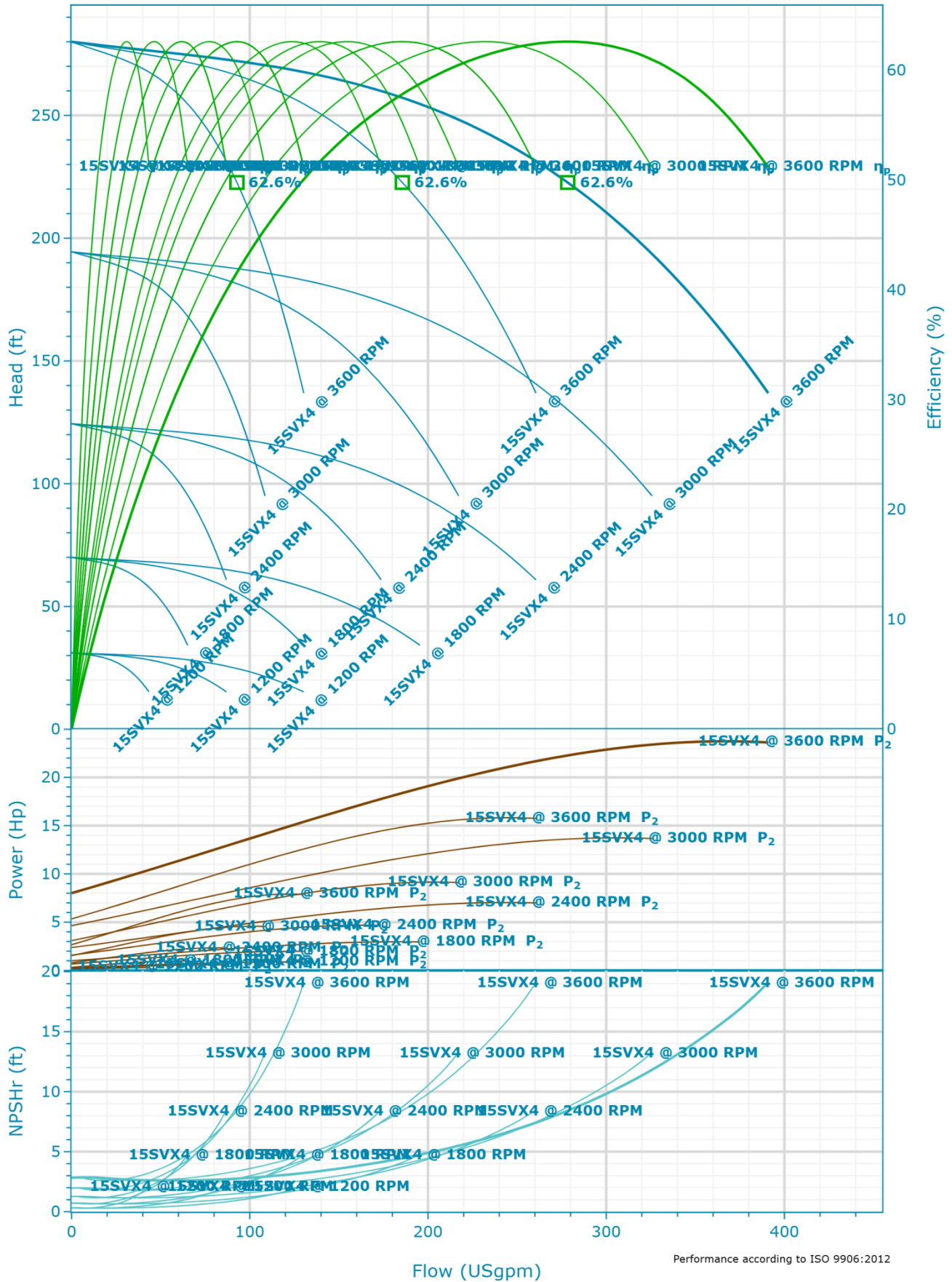
#### Design Curve - Single Pump

|               |                             |
|---------------|-----------------------------|
| Rated Speed   | BEP Flow (1x)               |
| 3,600 RPM     | 92.81 USgpm                 |
| Max Flow (1x) | BEP Head (1x)               |
| 130.3 USgpm   | 222.68 ft                   |
| H@QMin (1x)   | Max Operating Pressure (1x) |
| 280 ft        | 121.21 psi                  |
| H@QMax (1x)   | Max P2 (1x)                 |
| 136.9 ft      | 7.91 Hp                     |
| BEP (1x)      |                             |
| 62.6 %        |                             |

#### Design Curve - System

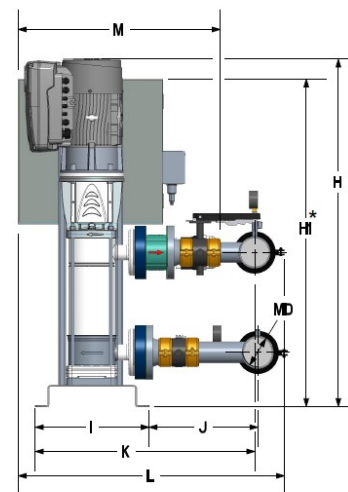
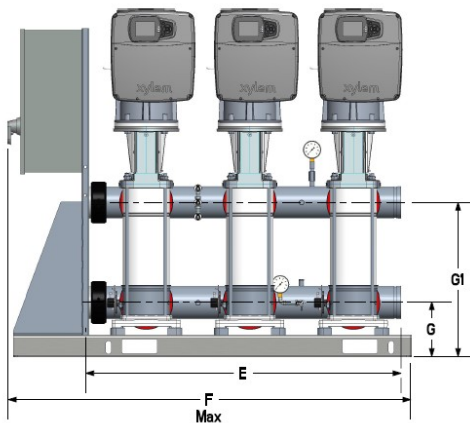
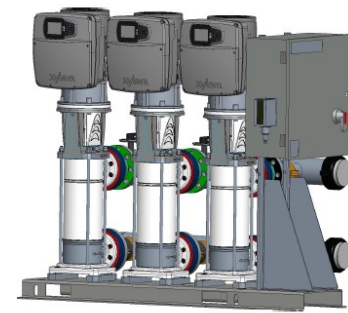
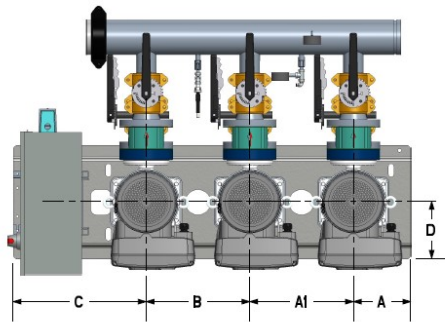
|             |                        |
|-------------|------------------------|
| Rated Speed | BEP Flow               |
| 3,600 RPM   | 278.42 USgpm           |
| Max Flow    | BEP Head               |
| 390.9 USgpm | 222.68 ft              |
| H@QMin      | Max Operating Pressure |
| 280 ft      | 121.21 psi             |
| H@QMax      | Max P2                 |
| 136.9 ft    | 23.73 Hp               |
| BEP         |                        |
| 62.6 %      |                        |

## HVXR3D4L-15SVX4RJAXX0-G | Variable Speed Curve



## HVXR3D4L-15SVX4RJAXX0-G | Dimensional Data & Drawing

e-HVXR Dimensions  
15SVX Triplex Pump  
LEFT ORIENTATION



\*Note: If Antenna is put on top of electric panel, Height H1 will be increased by 175" (45mm)

### Dimensions

|           |           |           |           |
|-----------|-----------|-----------|-----------|
| A         | D         | G1        | J         |
| 8.125 in  | 8 in      | 21.625 in | 15.25 in  |
| A1        | E         | H         | K         |
| 14.625 in | 44.25 in  | 46 in     | 30.875 in |
| B         | F         | H1        | L         |
| 14.625 in | 56.625 in | 46 in     | 37.375 in |
| C         | G         | I         | M         |
| 18.75 in  | 7.75 in   | 16 in     | 28.375 in |
| MD        |           |           |           |
| 4 in      |           |           |           |
| Weight    |           |           |           |
| 1,118 lb  |           |           |           |

|                  |                     |
|------------------|---------------------|
| <b>Company</b>   | PFC Equipment       |
| <b>Contact</b>   | Kelly Kresa         |
| <b>Phone No.</b> | 7633915856          |
| <b>Email</b>     | kkresa@pfcequip.com |