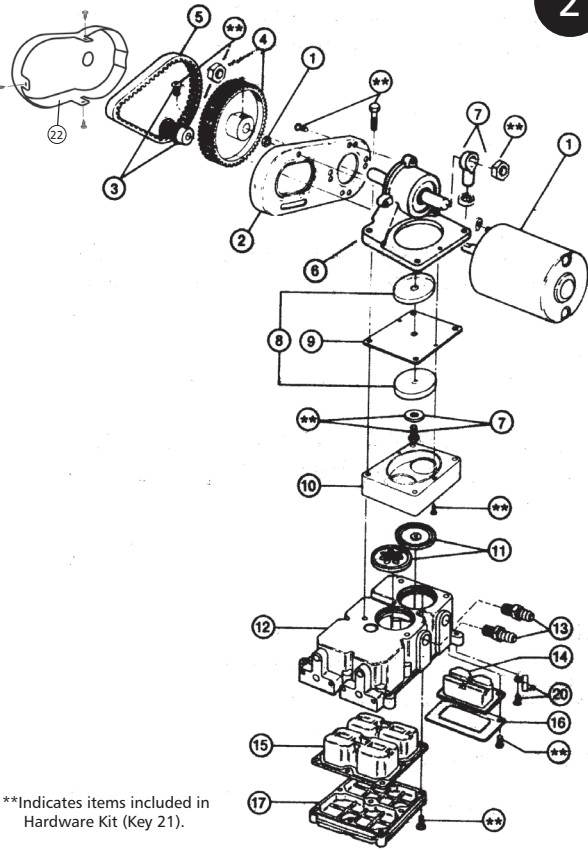


EXPLODED VIEW

2



\*\*Indicates items included in Hardware Kit (Key 21).

| PARTS LIST |                            |                             |       |
|------------|----------------------------|-----------------------------|-------|
| Key        | Part Description           | Part Number                 | Qty   |
| 1          | Motor Kit 12 Volt DC       | 30200-0000                  | 1     |
|            | Motor Kit 24 Volt DC       | 30200-0010                  |       |
|            | Motor Kit 115 Volt AC      | 30200-0050                  |       |
| 2          | Motor Mount                | 34628-0000                  | 1     |
| 3          | Small Pulley               | 37169-0000                  | 1     |
| 4          | Large Pulley               | 37171-0001                  | 1     |
| 5          | Belt                       | 30022-0000*                 | 1     |
| 6          | Jack Shaft Assembly        | 35691-0001 – See note 1     | 1     |
| 7          | Connecting Rod Kit         | 37173-0001 – See note 1     | 1     |
| 8          | Diaphragm Plate            | 35212-0000                  | 2     |
| 9          | Diaphragm                  | 30016-0000*                 | 1     |
| 10         | Retainer                   | 35173-0000                  | 1     |
| 11         | Valve Set (Inlet & Outlet) | 30003-0000*†                | 1 Set |
| 12         | Base Assembly †            | 35630-1100                  | 1     |
| 13         | Ports (Inlet & Outlet)     | 37175-0000†                 | 1     |
| 14         | Small Pulsation Dampener   | 37177-0000*†                | 1     |
| 15         | Pulsation Dampener         | 37178-0000*†                | 1     |
| 16         | Small Bottom Plate         | 35628-0000†                 | 1     |
| 17         | Bottom Plate               | 35623-0000†                 | 1     |
| 20         | Vibration Pad Kit          | 37180-0000†                 | 1     |
| 21         | Hardware Kit               | 37165-0000                  | 1 Set |
| 22         | Belt Guard                 | 35691-0001 – See note 1 & 2 | 1     |
|            | Service Kit *              | 30124-0000                  | 1 Set |

\* Indicates Parts Contained in Service Kit.  
† Indicates Parts supplied with Base Assembly.

**NOTE 1** – Jack shaft assembly kit, with part number ending in -0001 includes new style connecting rod (37173-0001) with a 5/16" diameter hole and two (2) locknuts. Previous model pumps use a connecting rod (37173-0000) with a 1/4" diameter hole and a bolt.  
**NOTE 2:** Belt Guard only included with Jack Shaft Assembly (P/N 35691-0001), Belt Guard retrofit not available for old models.



**⚠ WARNING**  
**EXPLOSION HAZARD**



NOT FOR FLAMMABLE LIQUIDS. For pumping water only.

- FR** NON DESTINÉ À DES LIQUIDES INFLAMMABLES. Uniquement pour le pompage de l'eau.
- DE** NICHT FÜR ENTZÜNDLICHE FLÜSSIGKEITEN GEEIGNET. Nur zum Pumpen von Wasser.
- IT** NON PER LIQUIDI INFIAMMABILI. Solamente per pompare l'acqua.
- NL** NIET VOOR BRANDBARE VLOEISTOFFEN. Alleen voor het pompen van water.
- SE** INTE FÖR BRANDFARLIGA VÄTSKOR. Endast för vattenpumpning.
- ES** NO USAR LÍQUIDOS INFLAMABLES. Para bombeo de agua solamente.



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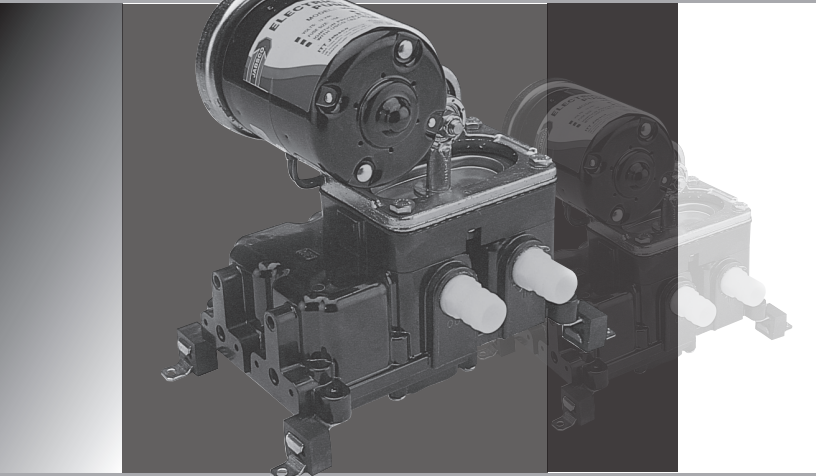
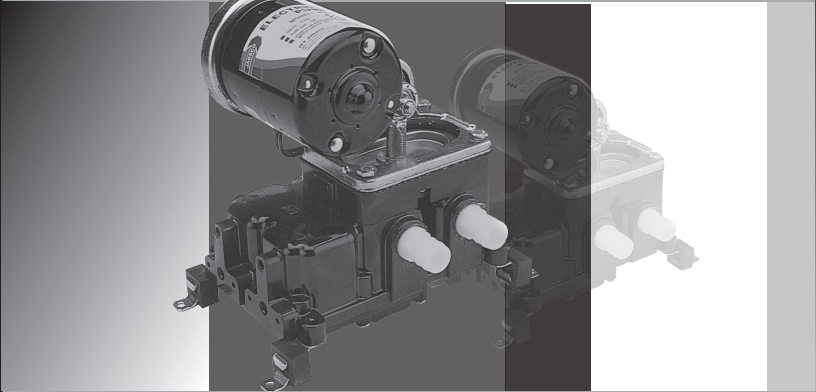
36600-Series



a xylem brand

ELECTRIC BILGE PUMPS

- FR** POMPE DE CALE ÉLECTRIQUE
- DE** ELEKTRISCHE BILGEPUMPEN
- IT** POMPE DI SENTINA ELETTRICHE
- NL** ELEKTRISCHE LENSPPOMPEN
- SE** ELEKTRISKA LÄNSPUMPAR
- ES** BOMBAS ELÉCTRICAS DE SENTINA



THE PRODUCT DESCRIBED HEREIN IS SUBJECT TO THE JABSCO ONE YEAR LIMITED WARRANTY, WHICH IS AVAILABLE FOR YOUR INSPECTION UPON REQUEST.

# 36600 Series

JABSCO

a xylem brand  
ELECTRIC BILGE  
PUMPS

## SPECIFICATIONS

Open Flow: 8.0 GPM  
Vert. Dry Suction Lift: 10 feet (3 m)  
Ports: 3/4" Slip-on Hose  
Weight: 11 lb

## FEATURES

- Self-Priming
- Diaphragm Design Allows Dry Running
- Quiet Operation
- Built-In Hydraulic Pulsation Dampener
- Permanently Lubricated Ball Bearings on Shaft and Connecting Rod
- Large Vibration Absorbing Pads
- Corrosion Resistant Materials Throughout for Sea Water Service
- Meets USCG Regulation 183.410 and ISO 8846 MARINE for Ignition Protection

## APPLICATION

Jabsco diaphragm bilge pumps are self-priming, so they can be mounted above and outside of harsh bilge environments. Because they are mounted remotely, the intake hose can be routed to the lowest point of the bilge regardless of space limitations. They are supplied with an in-line strainer to prevent damaging debris from entering pump. The reliable diaphragm design is not damaged by dry running.

## MAINTENANCE

### Winter Storage

When possible, it is preferred that the complete pump or at least motor, diaphragm and valves be removed and stored in a warm dry place. If this is not possible, the pump must be completely drained, hoses removed and pump run until all water is expelled.

**CAUTION** DO NOT USE AUTOMOTIVE TYPE ANTI-FREEZE.

### Mounting

Mount upright in a dry location (above highest bilge water level) on a solid surface. Adjust belt tension for 1/4" play between pulleys.

### Plumbing

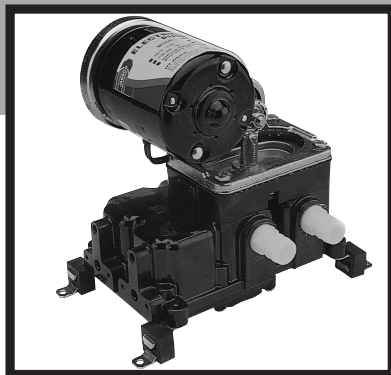
For intake and discharge use 3/4" ID non-collapsible hose. Keep intake and discharge lines free of kinks and restrictions. Use the 3/4" bilge in-line strainer (Model 36200-0000) in the intake line from the bilge to protect pump from debris. Use a 3/4" thru-hull fitting for discharge.

## WIRING FOR DC VOLTAGE MODELS - See Figure 1 & 3.

Wire pump in a circuit independent of all other electrical fixtures. Use stranded copper wire. Install fuse/breaker in positive circuit. See table for recommended wire and fuse size. See diagram for wiring connections. After installation, it is recommended that voltage be checked at the motor terminals with motor operating under full load and all other appliances in the circuit operating. Voltage should not be less than 90% of rated motor voltage.

## WIRING FOR AC VOLTAGE MODELS

Use 16 gauge standard copper wire for lengths up to 100 feet from power source. Connect the grounded, unswitched conductor (white) to the white motor lead. Connect the ungrounded switched conductor (black ) to the black motor lead. This conductor should include, at the power source, a 1.5 amp 125 Volt fuse. The green motor lead must be connected to the AC circuit ground.



ES

## SERVICIO - Ver la figura 2.

1. Desconecte la corriente eléctrica de la bomba. Retire los cuatro pernos de fijación.
2. Levante el contraeje y el conjunto del diafragma de la base de la bomba.
3. Retire los dos tornillos de retención del diafragma y el retenedor del diafragma.
4. Retire la tuerca de fijación. Retire el vástago de conexión y el diafragma del contraeje, luego desatornille el perno para separar el diafragma y las placas.
5. Inspeccione el diafragma para asegurar que no tenga cortes o grietas. Inspeccione el cojinete del ensamblaje del vástago para asegurar que no muestre un desgaste excesivo. Reemplácelo si muestra mucho desgaste.
6. Sin apretar, vuelva a ensamblar el diafragma, las placas del diafragma, la arandela y el perno del diafragma con el vástago de conexión. Fije firmemente el vástago de conexión al contraeje con una tuerca de fijación. Fije el diafragma a la montura del motor con el retenedor del diafragma y los dos tornillos.
7. Apriete el perno del vástago de conexión.

## REEMPLAZO DE VÁLVULAS - Ver la Figura 2.

1. Desconecte la corriente eléctrica de la bomba. Retire los cuatro pernos de fijación.
2. Levante el contraeje y el diafragma adjunto de la base de la bomba para que las válvulas queden expuestas. Retire y limpie o reemplace las válvulas.
3. Instale las válvulas, asegurando que la aleta de hule esté hacia ARRIBA en la toma y hacia ABAJO en la descarga.
4. Vuelva a colocar el ensamblaje del motor, el soporte y el diafragma y fíjelo de forma uniforme a la base con los cuatro pernos de fijación.

## REEMPLAZO DE LOS HUMIDIFICADORES DE PULSACIÓN - Ver la Figura 2.

1. Desconecte los cables de alimentación de la bomba y retírela del soporte.
2. Retire los nueve tornillos inferiores de la tapa y los tres tornillos inferiores de la placa. Retire la tapa inferior y la placa. Saque y reemplace los humidificadores de pulsación.
3. Vuelva a colocar la tapa inferior, la placa y los tornillos. Apriete los tornillos de forma uniforme para asegurar que quede sellada contra aire y agua.
4. Vuelva a instalar la bomba y conecte los cables de corriente.

## RESOLUCIÓN DE PROBLEMAS

### PROBLEMA

Pérdida de succión para bombear

### SOLUCIÓN

- Escape de aire en la línea de succión.
- La toma de la sentina no está sumergida.
- Manguera de entrada torcida u obstruida.
- Válvula de toma o descarga atorada o sucia.
- Diafragma perforado.

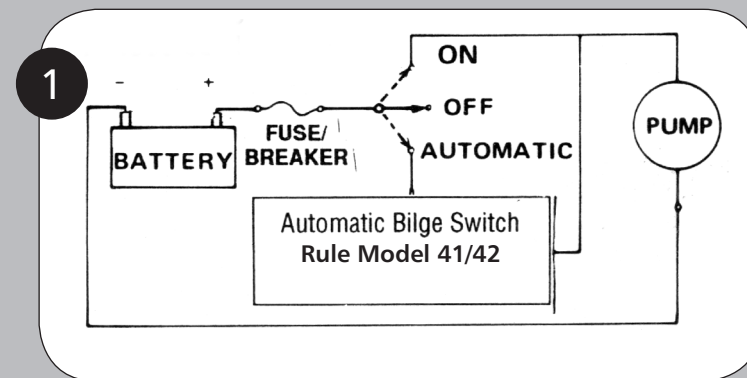
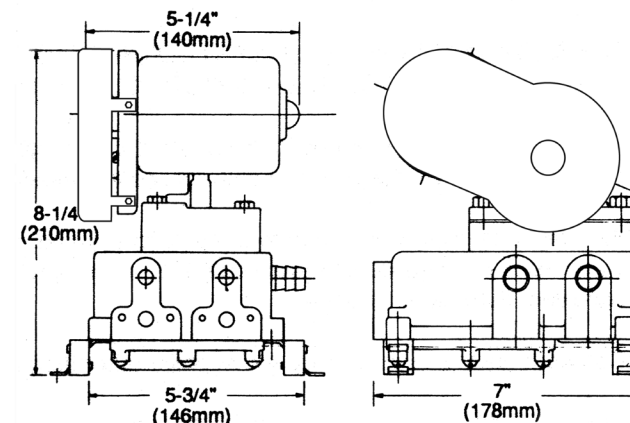
Funcionamiento irregular o con ruido.

- Manguera de entrada o descarga torcida u obstruida.
- La bomba no está montada firmemente.
- Tornillo excéntrico flojo.
- Humidificador de pulsación perforado o colapsado.

**PRECAUCIÓN** POSIBLE INCOMPATIBILIDAD DE COMPONENTES – SÓLO PARA AGUA  
**PRECAUCIÓN** LA BASE DEL MOTOR SE PODRÍA CALENTAR AL OPERAR DURANTE PERÍODOS LARGOS. EL CONTACTO PROLONGADO CON LA PIEL PUEDE CAUSAR QUEMADURAS.

| Standard Models |         |                  |
|-----------------|---------|------------------|
| Model No.       | Voltage | Amperage Nominal |
| 36600-0000      | 12 Vdc  | 11.0             |
| 36600-0010      | 24 Vdc  | 5.5              |
| 36600-0031      | 115 Vac | 1.0              |

## Dimensional Drawings



## MINIMUM WIRE SIZES

| Model Number | Voltage | Wire Size for Length of Run |        | Fuse/ Breaker* |
|--------------|---------|-----------------------------|--------|----------------|
|              |         | 1-25'                       | 25-50' |                |
| 36600-0000   | 12 Vdc  | 12 AWG                      | 10 AWG | 15 amp         |
| 36600-0010   | 24 Vdc  | 14 AWG                      | 14 AWG | 8 amp          |
| 36600-0031   | 115 Vdc | 16 AWG                      | 16 AWG | 1-1/2 amp      |

\*Customer supplied, not included with pump.



**WARNING**  
**FIRE HAZARD**



Wiring must comply with applicable electrical standards and include a properly sized fuse or circuit breaker. IMPROPER WIRING CAN CAUSE A FIRE RESULTING IN INJURY OR DEATH.