

**FLOJET**

# Sensor VSD™

## Sensor Controlled Pump Variable Speed Drive

*New Technology*



## Water Pressure System Pump

The **Sensor VSD™** Variable Speed Drive Pumps, for the performance and reliability you have wished for ... available now from Flojet!

R4515-743 **Sensor VSD 3.7**  
R4525-743 **Sensor VSD 4.5**

- Maintains steady water flow
- Eliminates accumulator tank
- Unique ... NO pressure switch!
- Controls hot water flow and mix
- Conserves energy, low amp-draw
- Silent running under normal use
- True sensor regulated water pressure

### TECHNIQUES DES FLUIDES

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**Flojet**



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## Flojet R4515/R4525 Series Sensor VSD Water Systems

### Styles Available

The Sensor VSD

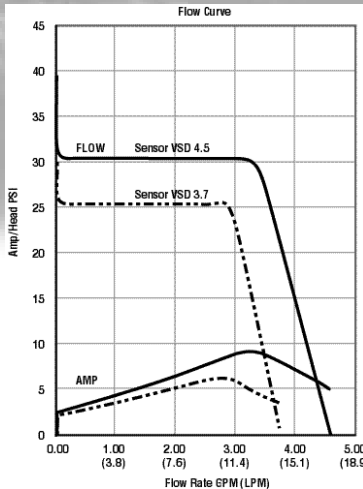
Model Number

Sensor VSD 3.7

R4515-743.....0-3.7 GPM,  
VSD Water Pressure System

Sensor VSD 4.5

R4525-743.....0-4.5 GPM,  
VSD Water Pressure System



### Product Features

- Solid State Proprietary Micro Controller
- Automatically Adjusts to 12 or 24Vdc Electrical Systems
- Pressure Regulated Variable Speed Drive
- Hall Effect Pressure Sensor - Pat. Pend.
- No Switch, No Points, No Contacts
- Reduced Current, Extended Life
- Saves Energy At All Flow Rates
- CSA Listed for US and Canadian Sales
- EN ISO 8846 USCG Ignition Protection
- Space Saving, Eliminates Accumulator Tank

### Specifications (Patent Pending)

Materials Pump Body.....Polypropylene  
Diaphragm.....Santoprene  
Valves.....EPDM  
Sensor.....Magnetic Hall Effect  
VSD.....PWM Solid State

### Temperature

Water.....160°F (70°C) max

### Thermal Protection

Motor.....266°F (130°C) max

### Dimensions

R4515.....3.75"H x 6.3"W x 9.0"L  
(95mm x 160mm x 221mm)  
R4525.....3.75"H x 6.3"W x 10.3"L  
(95mm x 160mm x 252mm)

### Weight

R4515.....4.3 lb / 2.0 kg  
R4525.....6.3 lb / 3.0 kg

### Flow

R4515.....0-3.7 GPM / 14 LPM  
R4525.....0-4.5 GPM / 17 LPM

### Running Pressure (see curves)

R4515.....25 psi (1.7 bar)  
R4525.....30 psi (2.1 bar)

### Shut-off Pressure

R4515.....35 psi (2.4 bar)  
R4525.....40 psi (2.8 bar)

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