

# Vertical Space Miser Pumps

## PACO **VSM/VSMS**

With the smallest footprint in industry, the Grundfos VSM and VSMS vertical space miser pumps offer unique versatility for retrofit projects and small spaces.

### **VSM Models (Close Coupled)**

The VSM features a one-piece registered fit bracket and seal housing which prolongs the life of the mechanical seals and bearings. The pump includes a shaft sleeve and industry standard JM frame motor.

### **VSMS Models (Axially Split)**

The VSMS features an axially split, rigid spacer coupling which allows for simple alignment, service and replacement of mechanical seals without removing the motor. The pump includes a registered fit bracket and a stainless steel shaft that eliminates oxidation. VSMS models are available with an industry-standard NEMA TC frame motor.

## Key Features and Benefits

- Same-size, vertically mounted suction and discharge connections simplifies piping while vertical flanges eliminate the need for a suction-diffuser, making installation quick and easy
- Vertically mounted motor and piping create a compact design with minimal footprint making it ideal for retrofits and small space applications
- Double volute, top pull out design allows quick removal of rotating assembly without disturbing the volute or piping
- Ductile iron pump stand eliminates the need for grouting and laser alignment, allowing for simple installation
- Axially split spacer couplings allow for easy replacement of mechanical seal without removing the motor (VSMS)
- Replaceable case wear rings and shaft seals prolong the life of the pump and protect it from erosion
- Francis Vane impellers and contoured suction vanes increase pump efficiency and reduce vibration and noise
- Hydraulic double volute design reduces radial loads, internal recirculation and turbulence, resulting in a longer pump life span and a higher operation efficiency

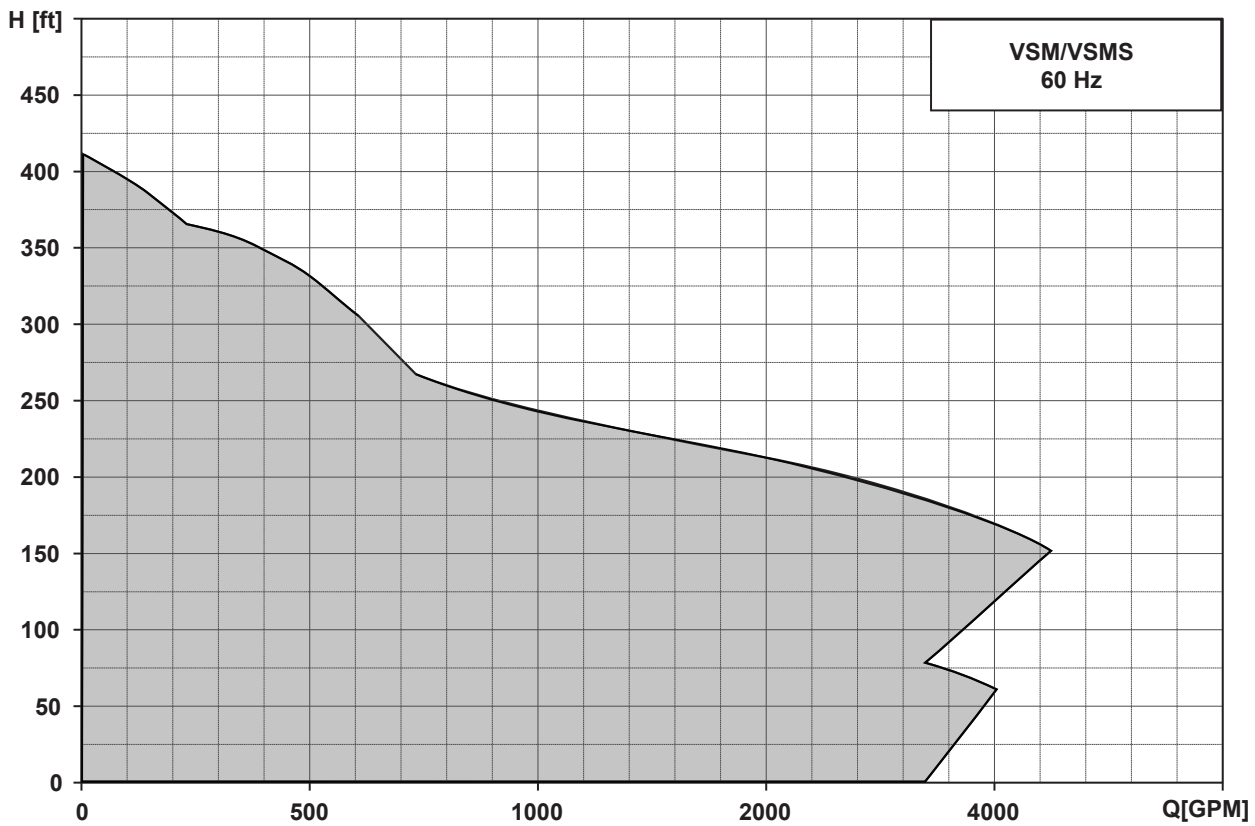


### **APPLICATIONS**

- Chilled water
- Hot water
- Condensed water
- Service water
- District heating/cooling
- Pressure boosting

## VSM/VSMS Technical Data

VSM/VSMS Information	
Flow, Q:	max. 4,100 gpm
Head, H:	max. 400 feet
Fluid temp.:	max. 275° F
Working press.:	max. 300 psi
HP range:	max. 125 Hp
Discharge sizes:	4 to 10 in.



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