

Vertical Space Miser Pump

GRUNDFOS VSMSE

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

The axially split VSMSE features the same low maintenance and space saving advantages as the VSMS model with the added benefit of a Grundfos MLE variable speed motor. This allows the pump to integrate with communication systems for unmatched operation monitoring and control.

Key Features and Benefits

- Plug-and-pump solution speeds installation, commissioning and startup due to integrated components
- 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
- 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

VSMSE Technical Data

VSMSE Information	
Flow, Q:	max. 1,900 gpm
Head, H:	max. 400 feet
Fluid temp.:	max. 275° F
Working press.:	max. 300 psi
HP range:	3 to 30 Hp / 3600 rpm, 3 to 25 Hp / 1800 rpm
Discharge sizes:	1.25 to 8 in.

