



COOL UNDER PRESSURE

# PREMIUM EFFICIENT SOLIDS HANDLING PUMPS MPE SERIES



[pentair.com/myers](https://pentair.com/myers)

# PENTAIR® MYERS® MPE SERIES PREMIUM EFFICIENT SOLIDS HANDLING PUMPS

You have enough pressure on you to maintain your wastewater systems and helping ensure they operate smoothly, efficiently, continuously. Myers MPE Series Pumps can take that pressure off you.

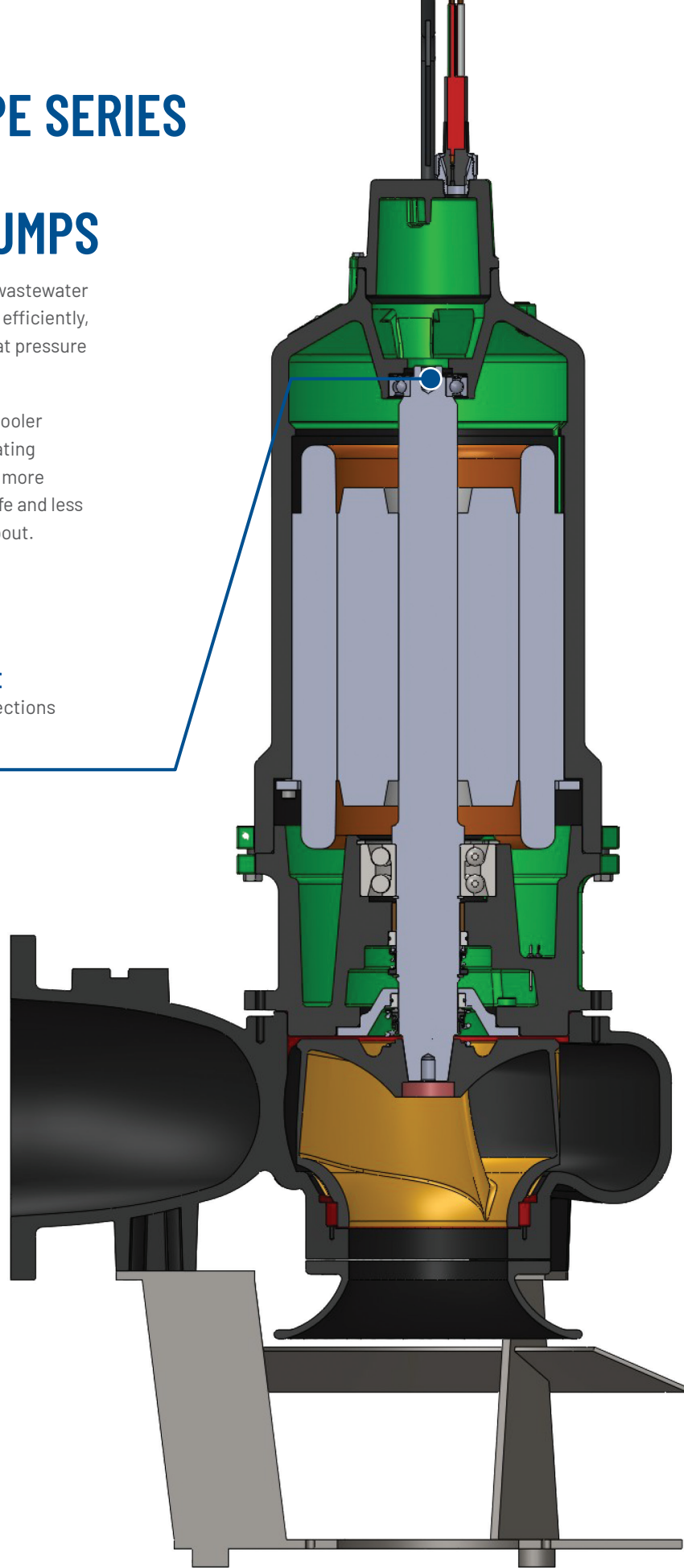
That's because Myers MPE Series Pumps run 40°C cooler than other solids-handling pumps, even when operating under pressure. Lower running temperatures mean more efficiency, lower operating costs, extended pump life and less maintenance. And one less thing for you to worry about.

## LOWER COST OF OWNERSHIP

- ◆ Superior wire-to-water efficiencies

## EASE OF INSTALLATION AND MAINTENANCE

- ◆ Simple terminal block provides positive connections no boxes, nuts or crimps needed
- ◆ Permanently lubricated bearings require no regular maintenance
- ◆ Seal replacements do NOT void FM®/CSA®



# MYERS MPE SERIES PREMIUM EFFICIENT SOLIDS HANDLING PUMPS

## LONGER PUMP LIFE

- ◆ Cooler temperature results in longer life
- ◆ Continuous-duty rated motor (Class H, VFD rated) ensures long-lasting operation
- ◆ Non-toxic oil filled motor provides superior heat transfer
- ◆ Seal leak detection system alerts of liquid intrusion past the outboard seal
- ◆ Shaft grounding option for VFD prevents premature bearing failure

## MYERS MPE AGAINST THE COMPETITION

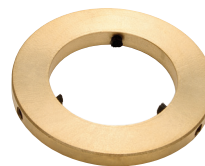
| FEATURES                           | PENTAIR MYERS MPE                                       | COMPETITION  |
|------------------------------------|---|--|
| Superior Cooling                   | ✓ Oil-Filled Motor                                      | ✗ Air-Filled Motor                                       |
| Continuous Bearing Lubrication     | ✓ Continuously Oil Lubricated Maintenance Free Bearings | ✗ Grease Packed Bearings That Require Yearly Maintenance |
| Superior Motor Moisture Protection | ✓ Seal Leakage Detection Probes in Lower Seal Chamber   | ✗ Probes in Motor Housing                                |
| Superior Bearing Protection        | ✓ Optional Shaft Grounding Ring                         | ✗ No Option for Shaft Grounding                          |

## ENGINEERED FOR PERFORMANCE



### TERMINAL BLOCK\*\*

Terminal Block provides simple, superior electrical connection and easy service



### SHAFT GROUND RING

Shaft Ground Ring features proprietary conductive filaments to provide superior grounding and protect bearings



### DOUBLE ROW ANGULAR CONTACT BEARINGS

Double Row Angular Contact Lower Bearings result in fewer service calls over operating life



### MECHANICAL SEALS

Mechanical Seals help provide durability and ease of installation

\*\* Terminal block on select 460 volt and 575 volt models.

# CHOOSING THE RIGHT PENTAIR MYERS MPE SERIES PUMP

**1** Use the Pentair Encompass Pump Selection Tool at [pentair.com/encompass](https://pentair.com/encompass) to identify pumps that meet flow and head requirements.

**2** Choose the right pump based on efficiency and solids handling needs.

| MODEL    | DISCHARGE | IMPELLER  | MOTOR FRAME | HORSEPOWER |          |          |          |
|----------|-----------|-----------|-------------|------------|----------|----------|----------|
|          |           |           |             | 870 RPM    | 1150 RPM | 1750 RPM | 3450 RPM |
| 4VL(X)P  | 4"        | Dual Vane | 320         |            |          | 75       |          |
| 4VL(X)P  | 4"        | Dual Vane | 360         |            |          | 100-150  |          |
| 8SM(X)P  | 8"        | Dual Vane | 320         |            |          | 75       |          |
| 8SM(X)P  | 8"        | Dual Vane | 360         |            |          | 100-150  |          |
| 8VL(X)P  | 8"        | Dual Vane | 320         | 20-25      | 40-50    | 75       |          |
| 8VL(X)P  | 8"        | Dual Vane | 360         |            | 60       | 100-150  |          |
| 12VL(X)P | 12"       | Dual Vane | 320         | 20-40      | 40-50    | 75       |          |
| 12VL(X)P | 12"       | Dual Vane | 360         |            | 60-75    | 100-150  |          |



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