Vertical In-line HVAC Pumps

Split-Coupled Configuration

Patterson EnviroFlo™ vertical in-line HVAC pumps, with a legacy of quality and durability, offer reliability and full flexibility to serve all applications and overcome constraints.

BENEFITS

- High-efficiency design minimizes energy consumption
- Back pullout configuration for easy access and maintenance
- Gauge taps at the suction and discharge connections for complete monitoring flexibility
- Annular pressure reducing clearance with impeller balance holes to reduce axial thrust
- Precision-cast, dynamically balanced impeller minimizes vibration and maximizes bearing life
- Precision bearings and machining limit shaft deflection to only 0.002″ at the seal face
- Mechanical seal replaceable without removing motor

FEATURES

- Flows to 10,000 GPM, heads to 400′ TDH
- Split coupling design above 5 HP
- Double suction impeller on largest sizes (12″ and 14″)
- Machined mounting support surface (optional: c-channel base for floor mount)
- Standard case wear ring
- Grease-lubricated motor bearing
- Mechanical seal is standard in carbon vs. silicon carbide (optional: tungsten carbide) with external seal flush line
- Every pump hydrostatically pressure-tested
- Optional 250-lb discharge flanges and seal flush lines available on many models
- Bronze fitted construction with bronze shaft sleeves standard; optional stainless steel shaft and stainless steel sleeve available

ENVIROFLO
HYDRONIC PUMPING SOLUTIONS

Pumping Technology for Tomorrow's World
Patterson®