

EBARA

Packaged Pump Systems Model EP1

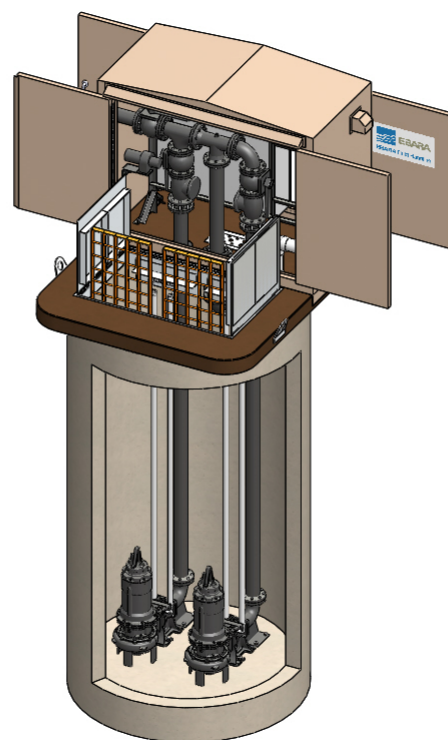


Ahead  Beyond

Packaged Pump Systems

Key Features:

- **Single Point Source - Featuring EBARA Pumps**
- **Fiberglass Enclosure with large doors for easy access**
- **Pre-cast steel reinforced polymer concrete base is resistant to H₂S and other harmful elements**
- **Access Cover: 300 PSF double door cast-in to polymer concrete base**
- **2 through 75 HP EBARA Pumps are designed to handle 3" Solids**
- **Liquid filled pressure gauge protected from wastewater by pressure isolator ring**
- **UL Listed Duplex control panel is mounted in a stainless steel enclosure**
- **System options: Trouble light, hoist, emergency bypass connections; other options available as system design requires**
- **Backed with a Comprehensive 5 year Warranty**



Sizing Options:	EP1S	EP1	EP1L
<i>Base Dimensions</i>	81 5/8" x 72"	98" x 84"	129" x 114"
<i>Housing Dimensions</i>	66" x 70"	64 3/4" x 84 1/2"	84" x 96"
<i>Wet Well Size</i>	4-5 FT	5-6 FT	7-8 FT
<i>Pump Size</i>	2-7.5 HP	2-60 HP	3-75 HP
<i>Header Piping</i>	3" or 4"	4" or 6"	6" or 8"

Successful Applications

Lift Station Rehab Installation

End User: Southside Water Works and Sewer Board

Industry: Municipal Wastewater, Sewage

Problem: Emergency Lift Station Rehabilitation

Solution: CDG Engineers and Associates worked with the Eshelman Company to design an EBARA EP1 duplex packaged pump system to replace the existing self-priming system that failed. Two, 30 HP submersible model DLFU pumps each rated to deliver 150 GPM at 145' TDH were specified as part of the system to accommodate the current conditions and allow for the anticipated expansion the system faces. The pumps were also specified with the latest K-Series impeller design to further reduce clogging for continuous, smooth operation. The station was installed and online at the end of the second day - it was a very quick retrofit, which kept downtime and bypass pumping to a minimum.

Update: The Southside installation continues to function well and without incident since its initial installation in 2015. Southside now has multiple packaged pump system in operation and continues to utilize the EBARA EP1 for rehab and other installations.



New Lift Station Installation

End User: City of Dadeville Sewer Extension for Industrial Park

Industry: Sanitary Sewage, Wastewater

Problem: Condensed expedited installation timeframe; low-flow/high-head performance capabilities

Solution: The Eshelman Company along with Goodwyn, Mills and Cawood specified an EBARA EP1 duplex packaged pump system with two 24 HP submersible model DLFU pumps, each rated to deliver 220 GPM at 127' TDH and 600 GPM at 96' TDH. The over-sized control panel required for this station was mounted outside of the packaged station with a junction box inside the valve enclosure. The EP1 station offered the engineer and the City the proven low-flow/high-head performance capabilities of the EBARA K-Series submersible sewage pumps, as a part of a proven packaged format that reduced on-site construction requirements and greatly facilitates maintenance and operation of the equipment. The factory-built EBARA EP1 station provides all equipment from a single source of supply, meaning that the City only has one phone call to make in the event of an issue with any part of their submersible sewage pumping station.

Update: The Dadeville installation continues to function well and without incident. Dadeville is now looking to add more systems throughout their Municipality.



Looking ahead,
going beyond expectations

Ahead  *Beyond*



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