

## Pressure Sewer

### *EcoTRAN™ with Barnes PGPP and PGPH models*

#### Homeowner Features

Barnes EcoTRAN Pressure Sewer System is dependable, safe and aesthetically pleasing to homeowners.

The EcoTRAN is equipped with a sealed pressure switch, eliminating costly maintenance frequently required of float systems where grease is present or in areas where mercury float switches are banned or restricted. Additionally, a highly dependable centrifugal grinder pump eliminates wearing components for trouble-free operation.

Equipped with a low profile, non-rusting alarm box with silence button, the system provides both light and horn notification in the event of pump malfunction. The EcoTRAN System is also equipped with lockable rock-shaped cover which makes the system safe and completely childproof. This unique cover design also blends well with its surroundings, reducing visual impact, which makes the system both out of sight and out of mind.

#### Maintenance

Barnes EcoTRAN Pressure Sewer System is easy to maintain. All system maintenance is performed from topside so confined space entry is never required.

The cover is easily removed by unlocking the padlock, twisting the cover to unlock and then lifting off. The level control can be readily removed without handling the pump. The pump-mounted check valve, discharge diaphragm and anti-siphon valve are all easily serviced. A pre-attached two-point lifting harness allows quick and easy removal of the pump with no unbolting required.

To facilitate repair, the pump motor is bolted to frame components, rather than press or shrink-fit to the housing. The shut-off valve, connected to the pod, is easily removed from above. The isolation valve is also operated from above with a color-coded actuation cord.

Quick-connect cords were designed to simplify pump and level control connection, allowing for rapid component swapping if needed. All systems are equipped with standard alarm boxes with circuit breakers, eliminating the need to decipher through complicated, customized control panels, or optional boxes with generator receptacles.

The Barnes EcoTRAN™ Pressure Sewer System preserves groundwater ecology by collecting and grinding residential sewage in an underground basin and *trans*mitting the waste under pressure to a remote private or municipal waste treatment plant.



Visit our website to read  
Case Studies on  
Pressure Sewer **SUCCESS** stories!

motralec

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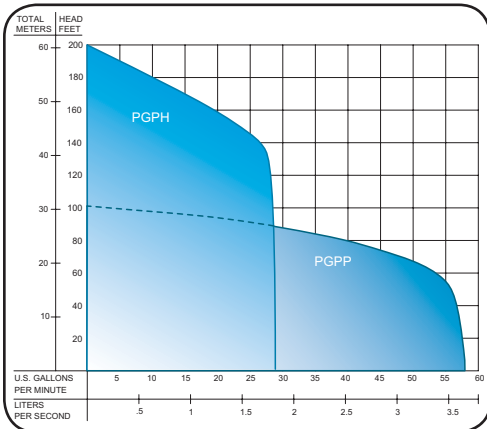
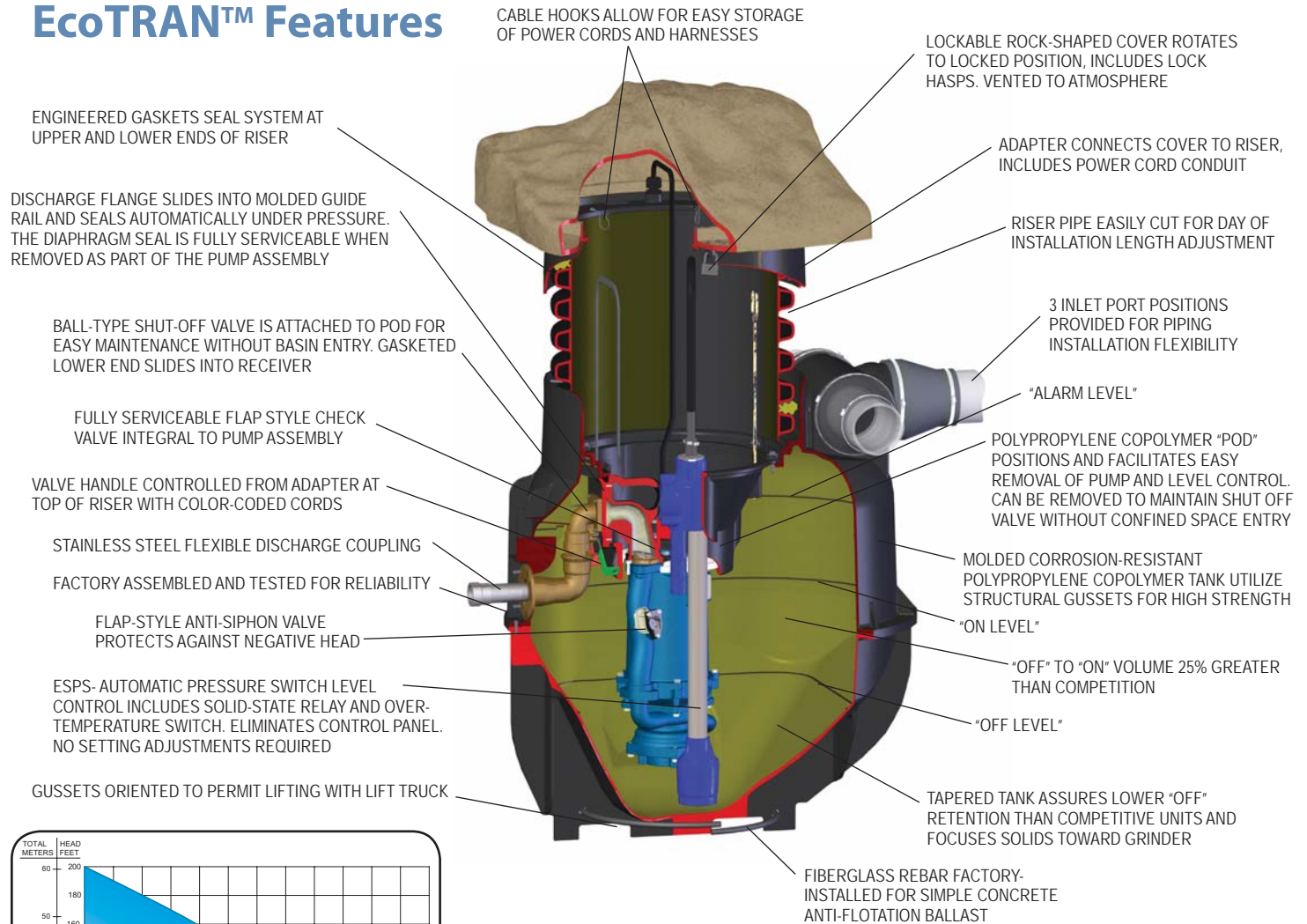
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CRANE® PUMPS & SYSTEMS

# BARNES®

## Professional Plumbing

### EcoTRAN™ Features



"Inlet" to "Alarm"	15.5 Gal.
"Alarm" to "On"	18.5 Gal.
"On" to "Off"	20.0 Gal.
Residual Volume Below "Off"	10.5 Gal.

Certifications/Listings	
UL 778	
UL 508	
UL 1951	
CSA 108	
NSF/ANSI 46	



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