

## Pressure Sewer Replacement Core Unit 200/2000 Series Basins

The heart of any Grinder System is the Grinder Pump. The Barnes Omni Grind Plus™ pump combines the reliability of a centrifugal grinder pump design with a high-head design that readily replaces existing progressive cavity grinder pumps. The Barnes centrifugal grinder pump eliminates the continually-wearing rubber stator found in progressive cavity units.

- Fits directly into E/One 200 & 2000 Series Basins
- Utilizes proven Barnes Centrifugal Grinder technology
- UL and CSA listed pump to assure quality and electrical safety
- Includes sealed pressure switch for level control and alarm circuitry
- "Goose-neck" outlet piping slides directly into Basin receiver
- Pump-mounted check and anti-siphon valves prevent reverse flow and isolate home from pressure main
- All cables and instructions provided to connect power cable from Barnes grinder pump to existing plug

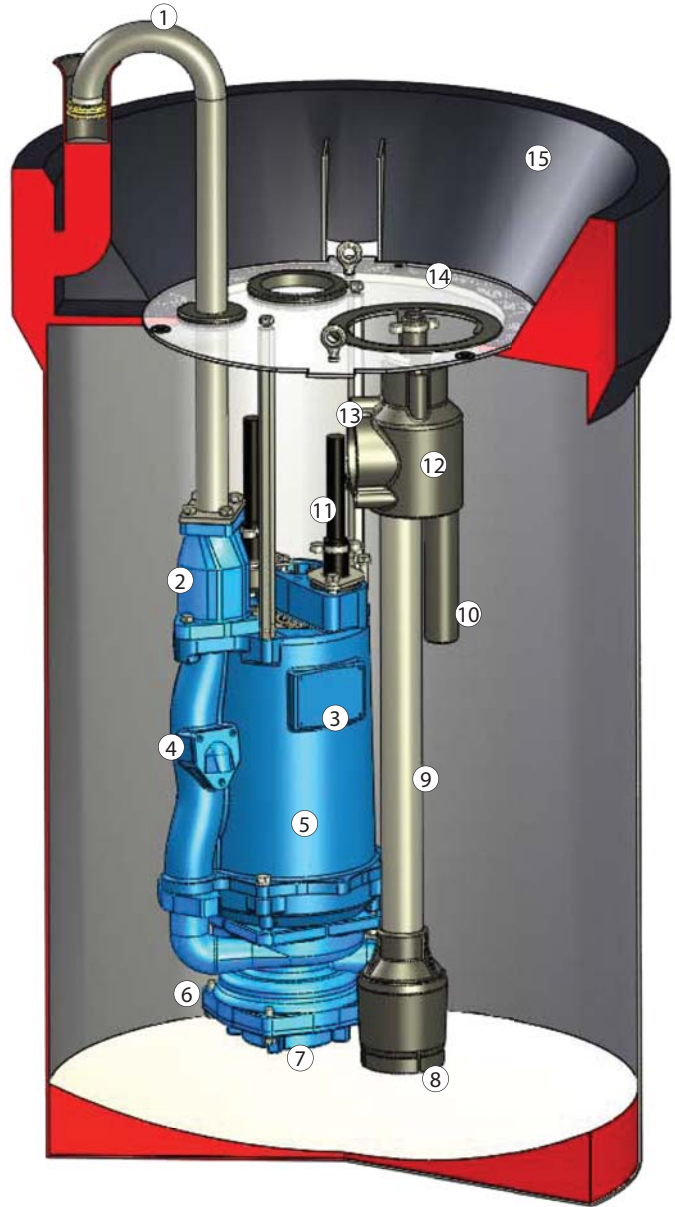
*The reliability and longevity of centrifugal grinder pumps is now available in a replacement "core unit" package that fits directly into E/One® 200 and 2000 Series Basins.*



U.S. Patent 7,357,341

## Replacement Core Unit Features

1. Stainless discharge pipe fits into existing receiver
2. Flap-style check valve easily maintained
3. Grinder pump is cast iron and all hardware provided in corrosion-resistant stainless steel
4. Anti-siphon valve protects system from 'negative head' conditions
5. 2HP centrifugal grinder pump empties basin in half the time with substantially greater life than progressive cavity design
6. Two-stage design outperforms progressive cavity design
7. Exclusive Slicerator™ grinding mechanism eliminates jams
8. Air bell for pump activation
9. Level control easily removed for inspection without removing pump
10. Independent air bell for alarm activation
11. Quick-connect fittings simplify electrical connection
12. ESPS™ sealed pressure switch controls pump with no exposed electrical components
13. Compensation diaphragm eliminates need for relief tubes or bulky bladders
14. Stainless steel mounting plate fits directly into 200/2000 series basins
15. Lifting eyes simplify handling.



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