

Replacement Core Unit

Drop-in ready centrifugal grinder pump replacement core unit package that fits directly into E/One® 200 and 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 progressing cavity grinder pumps. The Barnes centrifugal grinder pump eliminates the continually-wearing rubber stator found in progressing cavity units.

Benefits

- Universal design allows Barnes Replacement Core Unit to fit E/One's 200 or 2000 series grinder pump wet well
- Barnes Centrifugal two-stage Grinder technology
- Higher line scouring velocity significantly reduces clogged lines and reduces odor issues
- ESPS™ - 150 level control for trouble free operation
- Pump-mounted check and anti-siphon valves prevent reverse flow and isolate home from pressure main
- All cables, Electrical Quick Disconnect (EQD) and instructions provided to connect power cable from Barnes grinder pump to existing plug

ESPS™ Features

- Slim, rigid column with NO moving parts. Unit is unaffected by solids, grease build up, or liquid swirling in basin.
- Double overflow protection with separate air bells for operating control and high level alarm.
- Self compensating design eliminates the need for external pressure relief tubes or bulky bladders.
- Closed valve protection with an internally mounted high temperature cut off switch.
- Save time and money! No control panel required with the Simplex Automatic Version.

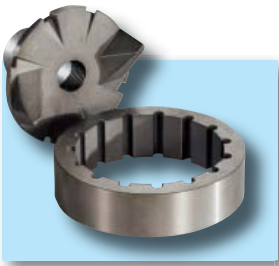
*E/One is a registered trademark of Environment One Corporation



Optional
Electrical Quick
Disconnect (EQD)

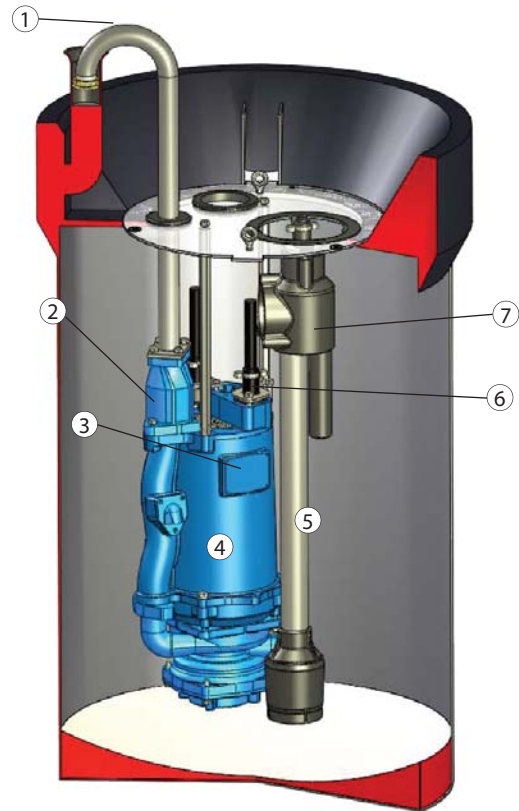
* Power and control cables normally coiled within basin.





Barnes Replacement Core Unit Features

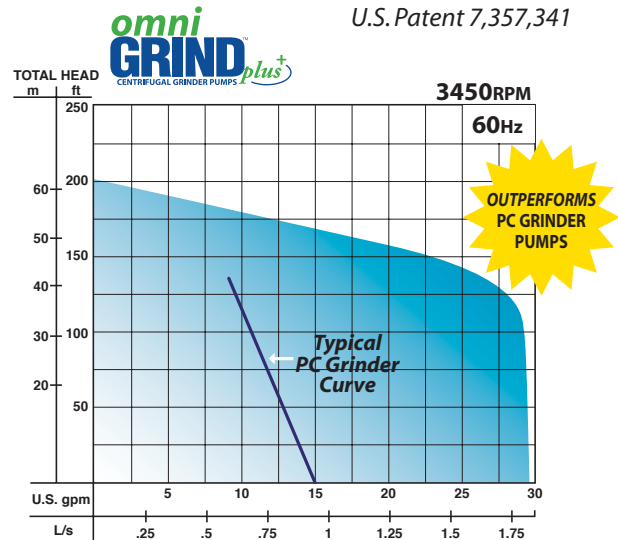
1. Stainless discharge pipe fits into existing receiver
2. Flap-style check valve easily maintained
3. Grinder pump is cast iron and all hardware provided in corrosion-resistant stainless steel
4. 2HP centrifugal grinder pump empties basin in half the time with substantially greater life than progressing cavity design
5. Level control easily removed for inspection without removing pump
6. Quick-connect fittings simplify electrical connection
7. ESPS sealed pressure switch controls pump with no exposed electrical components



Model	OGP2022CO	OGP2022AUE
Fits	E/One GP200 E/One GP2000 E/One Extreme D-Series	AMGP / Flex Hose
HP	2	2
Volts	240	240
Amps	16.5	16.5

Optional cord lengths available for basin depths
EQD is not compatible with E/One Extreme D-Series station

U.S. Patent 7,357,341



CRANE

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