

Apollo Solar Piston Pump™

PRODUCT OVERVIEW

- Operational Depth: Up to 400 ft. / 122 m.*
 - Flow Range: Up to 2.7 gpm / 10.2 lpm*
 - Well-Casing Size: 2 in. / 4.85 cm or greater
 - Drive Motor: 3/8 hp
 - Well Temperatures: Up to 200°F / 93°C
- * Depending upon model

Apollo is also available in an AC-grid model.

VERSATILE, LOW COST, SIMPLE & RELIABLE

Applications

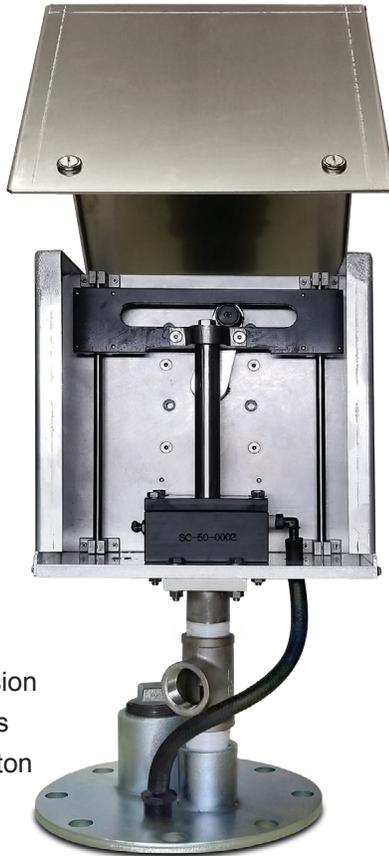
- Landfill leachate, gas-well dewatering
- Pipeline drip-leg sump
- Biofuel/biogas sump
- Remediation & recovery
- Remote and closed sites

Drive Motor

- Motor & connections above grade
- Clean power – no emissions
- No air or electricity in well/sump
- Operates independent of vacuum
- Fast, easy servicing

Down Hole

- Pumps anything flowable
- Resists encrustation, biofouling, abrasion
- No metal-to-metal wetted moving parts
- Superior-quality non-metallic drive piston
- Unitary polycarbonate drive rod
- Angled wells



Broad applications, battery-support option

Blackhawk's next-generation Apollo Solar Piston Pump™ is a popular choice for reliable, sustainable-energy pumping of virtually any flowable material.

Inspired by the efficiency of traditional oilfield pump jacks, the Apollo Solar employs simple linear-rod technology and piston-pumping action as an answer to performance issues with electric submersible and air-drive pneumatic pumps.

Apollo Solars are easily customized for a range of applications, including landfill leachate, remediation and recovery, gas-well dewatering,

biofuel and pipeline drip-leg sumps, and are ideal for remote and closed sites. And, of course, solar power is free.

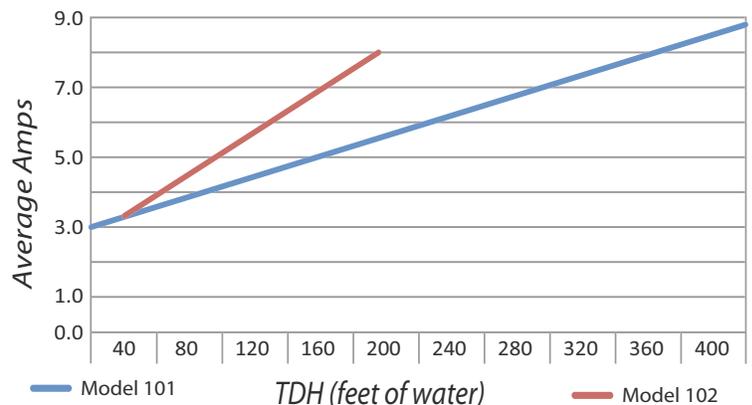
As with all Blackhawk pumps, the Apollo drive motor and connections are mounted above grade for safer, cleaner servicing away from the liquid being pumped. With few moving parts, maintenance is faster and less-frequently required.

Apollo's pump fluids to 200°F in all seasons and are available with battery support. They are operating throughout the U.S. in latitudes as northerly as Toronto.



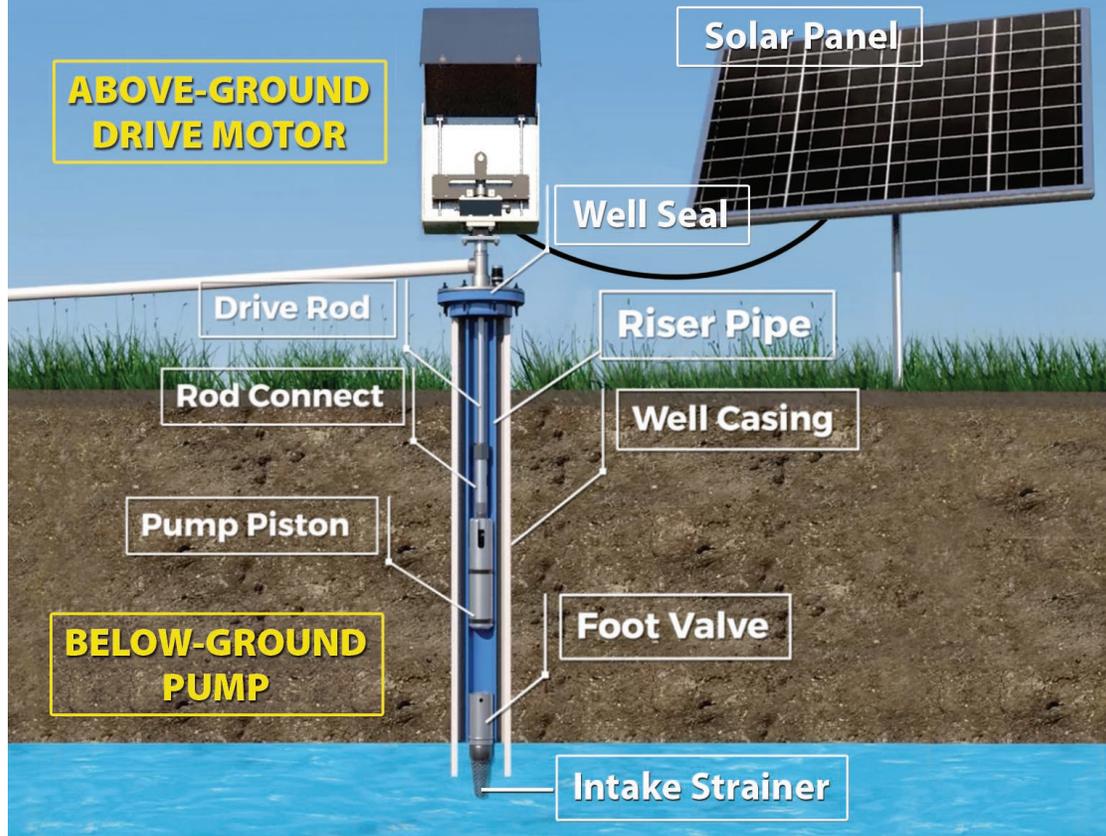
Drive motor and connections are cleanly above grade.

AMPS vs. TDH FOR APOLLO MODELS



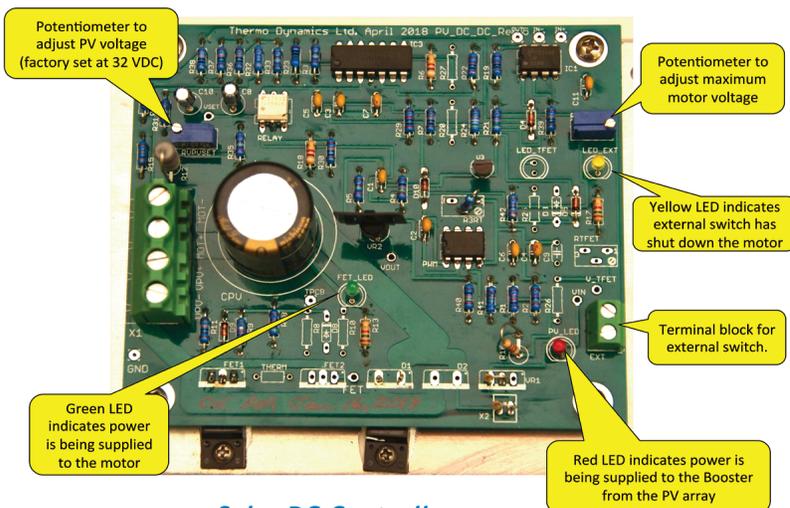
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HOW AN APOLLO SOLAR PISTON PUMP WORKS



blackhawkco.com/how-blackhawk-solar-linear-rod-piston-pumps-work

RECOMMENDED COMPONENTS



Solar DC Controller



Continuous Rod Lubricator

OPTIONAL COMPONENTS

- Timer
- Level Control On/Off
- Remote Communications

The best-performing environmental pump in the business

