



# APG2 SERIES

REV040326

Grinder • 2 HP

## FEATURES AND BENEFITS

### PERFORMANCE

Handles up to 83' TDH and 59 GPM for powerful, consistent pumping performance

### MOTOR

High-efficiency, oil-filled permanent split capacitor motor with upper and lower ball bearings and built-in thermal overload protection for reliable, long-lasting performance.

### SEAL DESIGN

Oil-lubricated mechanical seal with Silicon Carbide rotating face, Silicon Carbide stationary seat, Buna-N elastomer, and 300-series stainless steel hardware

### IMPELLER DESIGN

Vortex-style non-clog impeller designed to pass solids, reduce blockages, and maintain pump performance in wastewater

### CUTTER ASSEMBLY

2 HP grinder pump featuring an axial cutter design that efficiently shreds solids, reduces clogging, and delivers powerful, reliable performance in wastewater applications

### POWER CORD

UL/cUL Listed 14 AWG SJTW power cord, 30' standard and available up to 100'

### SWITCH

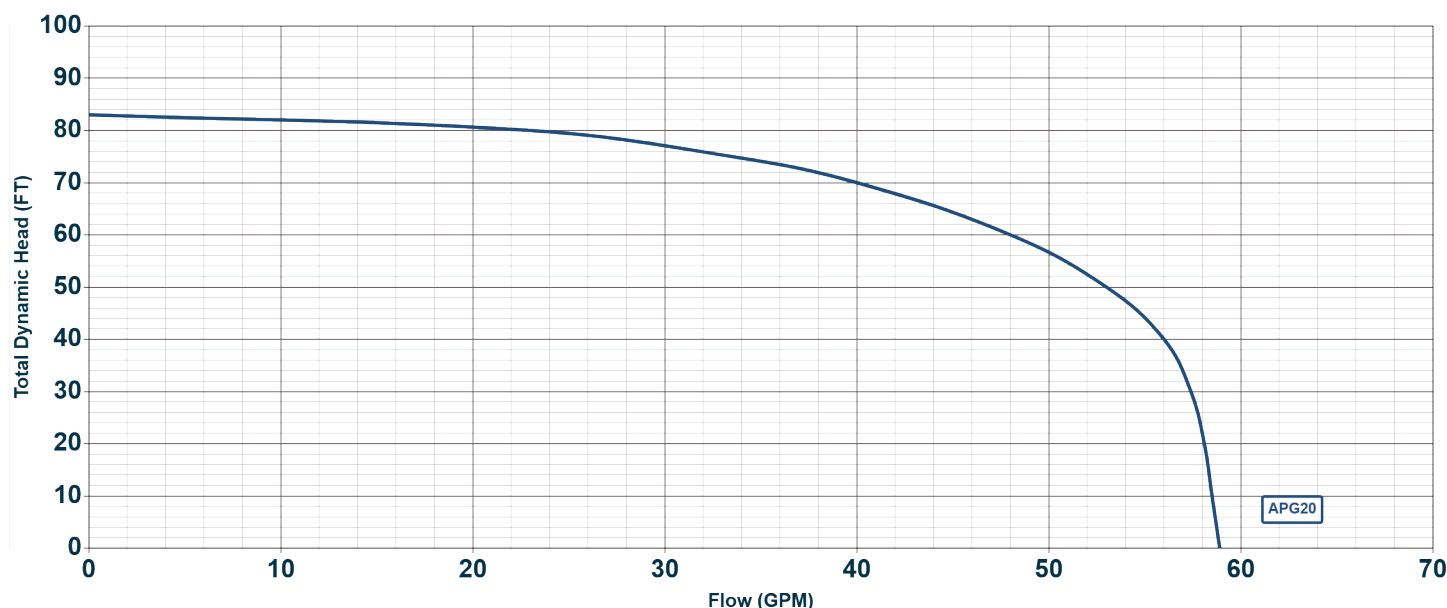
Designed for manual operation with a control panel or automatic operation with piggyback float switches, providing added flexibility and control



*optional mechanical float*

## APPLICATIONS

Heavy-duty cast iron grinder pumps designed for residential and commercial wastewater applications





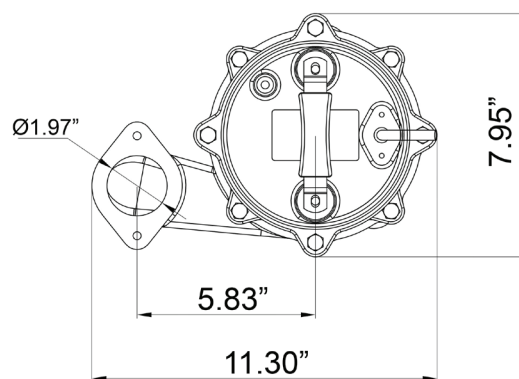
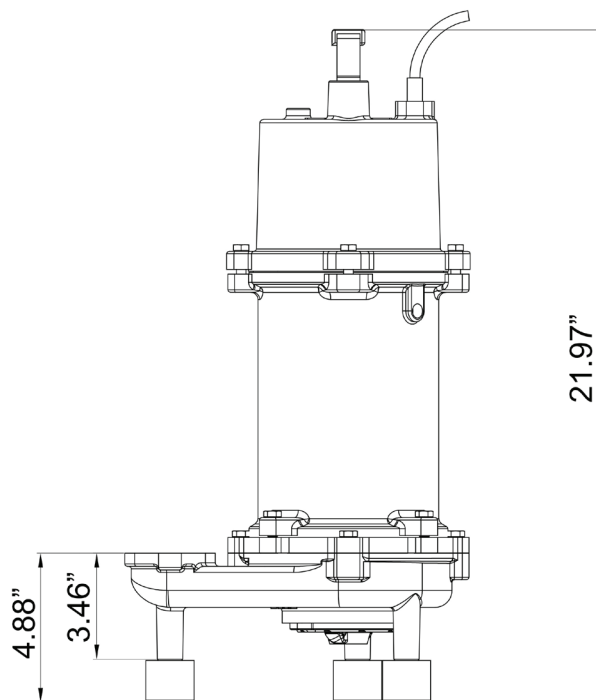
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## TECHNICAL SPECS

|                                     |                                                                                                                                                               |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DISCHARGE</b>                    | 1-1/2" NPT vertical discharge standard (includes 2" bolt-on flange); optional 1-1/4" PVC adapter available                                                    |
| <b>LIQUID TEMPERATURE</b>           | Up to 140°F (40°C), intermittent                                                                                                                              |
| <b>MOTOR HOUSING</b>                | Cast Iron                                                                                                                                                     |
| <b>VOLUTE</b>                       | Cast Iron                                                                                                                                                     |
| <b>SEAL PLATE</b>                   | Cast Iron                                                                                                                                                     |
| <b>IMPELLER</b>                     | Heat-treated Cast Iron                                                                                                                                        |
| <b>SOLIDS HANDLING</b>              | Reduces typical domestic wastewater solids to a fine slurry                                                                                                   |
| <b>SHAFT</b>                        | Stainless Steel                                                                                                                                               |
| <b>SHAFT SEAL (SINGLE SEAL)</b>     | Oil-lubricated mechanical seal with Silicon Carbide rotating face, Silicon Carbide stationary seat, Buna-N elastomer, and 300-series stainless steel hardware |
| <b>BEARINGS (UPPER &amp; LOWER)</b> | Single Row, Ball, Oil Lubricated                                                                                                                              |
| <b>HARDWARE</b>                     | 300 Series Stainless                                                                                                                                          |
| <b>O-RINGS</b>                      | Buna-N                                                                                                                                                        |
| <b>CORD</b>                         | (UL/cUL Listed) 14 AWG, Type SJTW power cord; 30' standard length, available up to 50' with plug and 100' without plug                                        |
| <b>MOTOR (SINGLE PHASE)</b>         | 2 HP 3450 RPM, 60 Hz, NEMA L Includes Overload Protection in the motor. Oil Filled, Class B Permanent Split Capacitor                                         |
| <b>WEIGHT</b>                       | 84 lbs (Manual)                                                                                                                                               |



| MODEL    | HP | VOLTS   | PHASE | AMPS  | CORD LENGTH | SWITCH               | REQUIRES PANEL |
|----------|----|---------|-------|-------|-------------|----------------------|----------------|
| AGP2023M | 2  | 208/230 | 1     | 17/15 | 30'         | M (Wide-Angle Float) | No             |
| AGP2023A | 2  | 208/230 | 1     | 17/15 | 30'         | M (Wide-Angle Float) | No             |
| AGP2023V | 2  | 208/230 | 1     | 17/15 | 30'         | Manual               | Yes            |