General Applications
The size, efficiency and operating economy of the GP 1010 make it your best choice for single dwellings, waterfront property, subdivision developments and marinas. The GP 1010 is ideally suited for both new and existing communities.

Features
The GP 1010 is a complete unit that includes: the grinder pump, check valve, HDPE (high density polyethylene) tank and controls.

All solids are ground into fine particles, allowing them to pass easily through the pump, check valve, and small diameter pipe lines. Even objects that are not normally found in sewage, such as plastic, rubber, fiber, wood, etc. are ground into fine particles.

The 1-1/4" inch discharge connection is adaptable to any piping materials, thereby allowing us to meet your local code requirements.

The tank is made of tough corrosion-resistant HDPE. The optimum tank capacity of 70 gallons is based upon computer studies of water usage patterns. A single GP 1010 can accommodate the sewage flow from two single family homes or 700 gallons per day.

The internal check valve assembly, located in the grinder pump, is custom designed for non-clog, trouble-free operation.

Operational Information
Motor
1 HP, 1,725 RPM, high torque, capacitor start, thermally protected, 120/240 V / 60 Hz, one phase

Inlet Connections
4" PVC inlet flange for schedule 40 pipe

Discharge Connections
Pump discharge terminates in 1-1/4" socket for PVC solvent weld. Can easily be adapted to 1-1/4" PVC pipe or any other material required by local codes.

Discharge*
15 gpm at 0 psig
11 gpm at 40 psig
9 gpm at 60 psig

Overload Capacity
The maximum pressure that the pump can generate is limited by the motor characteristics. The motor generates a pressure well below the rating of the piping and appurtenances. The automatic reset feature does not require manual operation following overload.

* Discharge data includes loss through check valve, which is minimal.

Patent Numbers: 5,752,315
5,562,254
5,439,180

LM000203 Rev. - 1/01
**Ballast Requirements**

A concrete anchor is required on all Model 1010 stations. Specific concrete dimensions are required to achieve necessary ballast effect. See installation instructions for further details.

**Diagram Details**

- **Electrical Quick Disconnect (EQD)**
- **Water Tight Lid, FRP**
- **Strain Relief Cord Connector**
- **Protective Cable Shroud (HOPE)**
- **Power/Alarm Cable 12-6 W/GND (120V/240V)**
- **Inlet, PVC Flange To Accept 4.50" O.D. PVC Pipe (Standard), Dust Cover Supplied For Shipment (Not Suitable For Burial)**

**Dimensions**

- **Discharge 1-1/4" Female Socket**
- **Check Valve (Glass Filled PVC)**
- **Anti-Siphon Valve (Glass Filled PVC)**
- **Inlet, 852 mm**
- **Outlet, 33.5 in**
- **Discharge, 33.5 in (851 mm)**
- **Check Valve, 345 mm**
- **Anti-Siphon Valve, 345 mm**

**Other Details**

- **UL**
- **NSF**
- **CSA**

**Sheet Details**

- **SOS**: 09/18/01
- **Issue**: 1/16
- **Detail Sheet, 1000 Series**: LM000209
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010-60 STATIONS.

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT.

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010-74 STATIONS.

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT.

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010-92 STATIONS.

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT.

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010-124 STATIONS.

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT.

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED
ON ALL MODEL 1010-159 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED
TO ACHIEVE NECESSARY BALLAST EFFECT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS