General Applications
The size, efficiency and operating economy of the GP 2014 make it an ideal choice for multiple dwellings, waterfront property, subdivision developments and marinas. The GP 2014 is ideally suited for both new and existing communities.

General Features
The GP 2014 Grinder Pump is a complete unit that includes: two grinder pumps with check valves, HDPE (high density polyethylene) tank and controls. The GP 2014 is packaged into a single complete unit, ready for installation.

All solids are ground into fine particles, allowing them to pass easily through the pump, check valve and small-diameter pipelines. 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 it to meet local code requirements.

The tank is made of tough corrosion-resistant HDPE. The optimum tank capacity of 150 gallons is based on computer studies of water usage patterns. A single GP 2014 is ideal for up to four average, single-family homes, and can also be used for up to 12 average, single-family homes with the consent of the factory. This model can accommodate flows of 3000 GPD.

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

The grinder pump is automatically activated and runs infrequently for very short periods. The annual energy consumption is typically that of a 40-watt light bulb.

Units are available for indoor and outdoor installations. Outdoor units are designed to accommodate a wide range of burial depths.

Operational Information
Motor
1 hp, 1,725 rpm, high torque, capacitor start, thermally protected, 120/240V, 60 Hz, 1 phase

Inlet Connections
4-inch inlet grommet standard for DWV pipe. Other inlet configurations available from the factory.

Discharge Connections
Pump discharge terminates in 1 1/4-inch NPT female thread. Can easily be adapted to 1 1/4-inch PVC pipe or any other material required by local codes.

Discharge*
15 gpm at 0 psig (per pump)
11 gpm at 40 psig (per pump)
9 gpm at 60 psig (per pump)

Control Panel
This station is designed to use the Alternating Control Panel, MOD T260.

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.

Patent Numbers: 5,752,315  5,562,254  5,439,180
* Discharge data includes loss through check valve, which is minimal
PA1348P02 Rev. -, 3/03
FIELD JOINT REQUIRED FOR MODELS 2014-129 & 2014-160

ACCESS WAY VENT

WATER TIGHT LID, FRP

DUAL WALL, CORRUGATED HDPE ACCESSWAY

INTERNAL WELL VENT, 2.0" DIA.

CORE CONTROL COMPARTMENT BREACHER

DISCHARGE 1 1/4" FPT (304 S.S.)

QUICK DISCONNECT ASSY. (304 S.S.)

S.S. CAST BALL VALVE

1 1/4" DISCHARGE LINE (304 S.S.)

CHECK VALVE (GLASS FILLED PVC)

ANTI-SIPHON VALVE (GLASS FILLED PVC)

HDPE TANK 1/2" NOMINAL WALL THICKNESS 150 GALLON CAPACITY

INLET, GROMMET TO ACCEPT 4.50" O.D. PVC PIPE (STANDARD), DUST COVER SUPPLIED FOR SHIPMENT (NOT SUITABLE FOR BURIAL)

ACCESSORY EQUIPMENT

SEMI-POSITIVE DISPLACEMENT TYPE PUMP EACH DIRECTLY DRIVEN BY A 1 HP MOTOR CAPABLE OF DELIVERING 9 gpm AT 138' T.D.H. (34 lpm at 42m T.D.H.)

BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL OUTDOOR MODEL 2014 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

UL

NSF

SF

SEWER SYSTEMS

MODEL 2014, NO BAFFLE, DETAIL SHEET

PA0910P02

2014 NO BAFFLE
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 2014-93 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS
BOLLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 2014-129 STATIONS. SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT. SEE INSTALLATION INSTRUCTIONS FOR BALLAST DETAILS.
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 2014-160 STATIONS.

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT.

SEE INSTALLATION INSTRUCTIONS FOR BALLAST DETAILS.
MODEL 2014-57
BUILDERS
NO BAFFLE
DISCHARGE VALVE

BURIAL DEPTH

12" COVER OVER DISCH

26" INWARD DEPTH

3½"

BURIAL DEPTH

31.5"

42.5"

59.5"

INLET EPM GROMMET FOR 4" DWV PIPE (STANDARD)

DISCHARGED 1-1/4" FEMALE PIPE THREAD

Ø 38.6"