General Applications
The size, efficiency and operating economy of the GP 2016 make it an ideal choice for multiple dwellings, waterfront property, subdivision developments and marinas. The GP 2016 is ideally suited for both new and existing communities.

General Features
The GP 2016 Grinder Pump is a complete unit that includes: two grinder pumps with check valves, FRP (Fiberglass Reinforced Polyester) tank and controls. The GP 2016 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 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 fiberglass reinforced polyester. The optimum tank capacity of 500 gallons is based on computer studies of water usage patterns. A single GP 2016 is ideal for up to nine average, single-family homes, and can also be used for up to 24 average, single-family homes with the consent of the factory. This model can accommodate flows of 6000 GPD.

The internal check valve assembly, located in each 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, 120/240V, 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.
PA1350P02 Rev. -, 3/03
ACCESS WAY VENT

FIELD JOINT REQUIRED FOR MODELS 2016-104, 2016-129 & 2016-160

INNER WELL VENT 2.0" DIA

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

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

DBL WALL, CORRUGATED HOPE ACCESSWAY (FIELD ADJUSTABLE)

ELECTRICAL QUICK DISCONNECT NEMA 6P (EQD)

CORE CONTROL COMPARTMENT BREATHER

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

CHECK VALVE (GLASS FILLED PVC)

ANTI-SIPHON VALVE (GLASS FILLED PVC)

FIBERGLASS REINFORCED TANK 1/2" NOMINAL WALL THICKNESS 500 GALLON CAPACITY

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

POWER & ALARM CABLE 12-6 W/GND.

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NSF

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SEWER SYSTEMS

MODEL 2016, DETAIL SHEET, NO BAFFLE

PA0912P02

SEE INSTALLATION INSTRUCTIONS FOR BALLAST DETAILS
GRADE MUST SLOPE AWAY FROM STATION

5/16" S.S. HARDWARE
- FIELD ASSEMBLY
- (16 PLACES)

SIKA TAPE
- FIELD LOCATE

THREAD INSERT
- (16 PLACES)

DETAIL, FIELD JOINT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

DISCHARGE: 1-1/4" FEMALE PIPE THREAD

INLET: FROM GROMMET FOR
4" DWV PIPE (STANDARD)

BALLAST CONTAINMENT RING

103.3"

77.3"

57"

41.6"

33.9"

57" COVER OVER D5CH

SEE INSTALLATION INSTRUCTIONS FOR BALLAST DETAILS

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DR BY CJK'D DATE ISSUE SCALE

SEWER SYSTEMS

MODEL 2016-104

PA0905P02
DETAIL, FIELD JOINT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

DISCHARGE: 1-1/4 FEMALE PIPE THREAD

INLET: FROM GROMMET FOR 4" DWV PIPE (STANDARD)

BALLOUST CONFINEMENT RING

5/16" S.S. HARDWARE - FIELD ASSEMBLY (6 PLACES)

SKA TAPE - FIELD LOCATE

THREADED INSERT (18 PLACES)

2016-160

SEWER SYSTEMS

MODEL 2016-160

PA0905P04