General Applications
The size, efficiency and operating economy of the GP 2015 make it an ideal choice for multiple dwellings, waterfront property, subdivision developments and marinas. The GP 2015 is ideally suited for both new and existing communities.

General Features
The GP 2015 Grinder Pump is a complete unit that includes: two grinder pumps with check valves, FRP (Fiberglass Reinforced Polyester) tank and controls. The GP 2015 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 tough, corrosion-resistant tank is made of FRP (Fiberglass Reinforced Polyester). The optimum tank capacity of 275 gallons is based on computer studies of water usage patterns. A single GP 2015 is ideal for up to six average, single-family homes, and can also be used for up to 20 average, single-family homes with the consent of the factory. This model can accommodate flows of 5000 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.
ACCESS WAY VENT

STRAIN RELIEF CORD CONNECTOR

POWER & ALARM CABLE 12-6 W/GND

WATER TIGHT LID, FRP

INTERNAL WELL VENT 2.0" DIA.

DUAL WALL, CORRUGATED HOLE ACCESSWAY

ELECTRICAL QUICK DISCONNECT NEMA 6P (EQD)

CORE CONTROL COMPARTMENT BREATHER

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)

FIBERGLASS REINFORCED TANK 1/2" NOMINAL WALL THICKNESS 275 GALLON CAPACITY

FIELD JOINT REQUIRED FOR MODELS 2015-97, 2015-120 & 2015-60

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

DISCHARGE

40.3 in 1026 mm

27 in 686 mm

220 gal 832 L

19 in 486 mm

132 gal 500 L

15 in 375 mm

94 gal 356 L

ALARM

ON

OFF

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.)

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

5/16" STAINLESS STEEL HARDWARE - FIELD ASSEMBLY (16 PLACES)

SKIA TAPE - FIELD LOCATE

THREADED INSERT (16 PLACES)

DETAIL, FIELD JOINT
SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

DISCHARGE: 1 1/4 FEMALE PIPE THREAD
INLET: EPDM GROMMET FOR 4" DWV PIPE (STANDARD)

BALLAST CONTAINMENT RING

SEE INSTALLATION INSTRUCTIONS FOR BALLAST DETAILS
DETAIL: FIELD JOINT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

BALLAST CONTAINMENT RING

DISCHARGE: 1-1/4 FEMALE PIPE THREAD

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

5/16" STAINLESS STEEL HARDWARE - FIELD ASSEMBLED (10 PLACES)

SKA TAPE - FIELD LOCATED

THREADED INSERT (10 PLACES)

SOS CAH 8/13/01 B 1/20
DOB CHK'D DATE ISSUE SCALE

eone SEWER SYSTEMS

MODEL 2015-129

PA0899P03

SEE INSTALLATION INSTRUCTIONS FOR BALLAST DETAILS
DETAIL, FIELD JOINT
SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

SEE INSTALLATION INSTRUCTIONS FOR BALLAST DETAILS