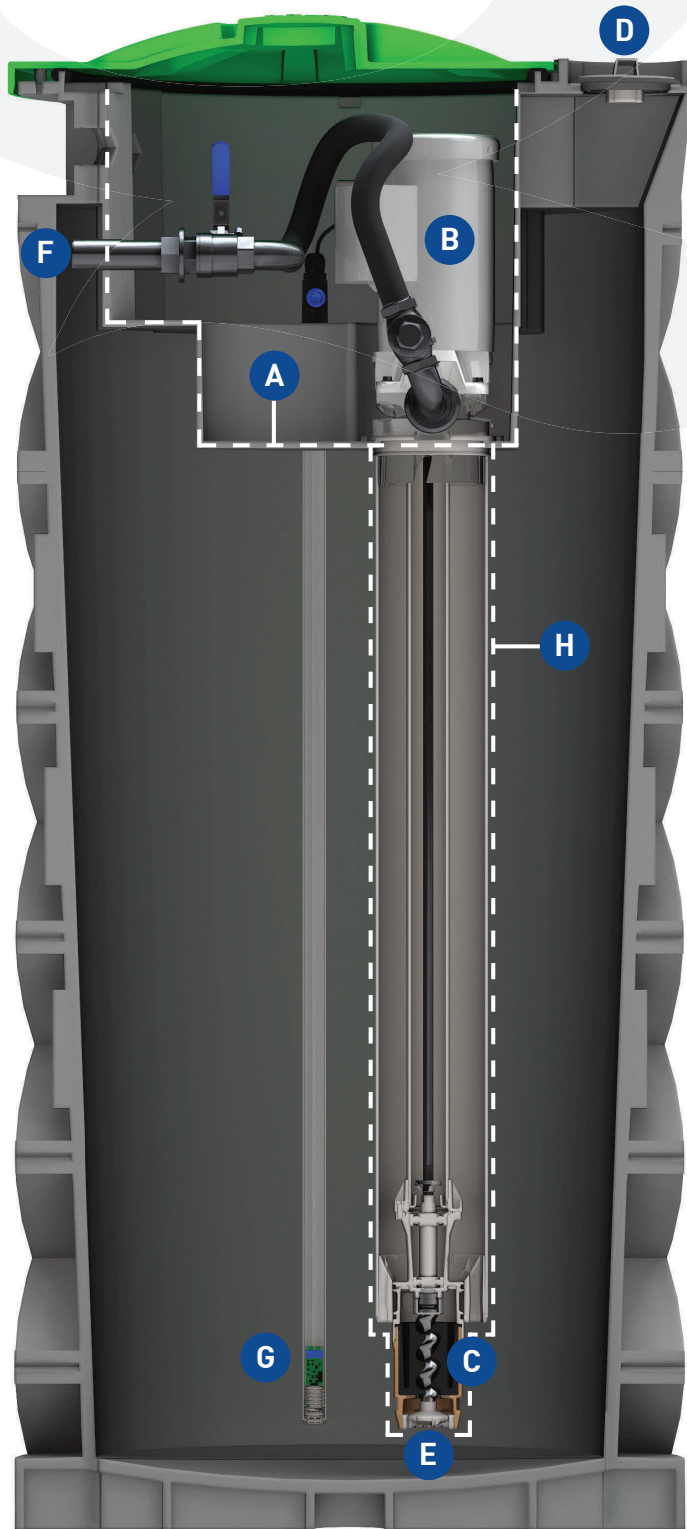


InviziQ™

Robust and Reliable Technology



- A Revolutionary Dry Well Design**
Unique, clean dry well is sealed and tested to eliminate water or sewage intrusion. Rated in excess of 3 feet of submergence.
- B Pump Motor Located in Dry Well**
Standard TEFC pump motor is out of sewage, unlike other systems that have expensive submersible motors which are heavy and difficult to service.
- C Moyno Progressing Cavity Pump**
Designed and supported by the leader in PC pump technology.
- D Large Inspection Port**
Cleanout/observation port is large enough to accommodate cleanout hose, so there is no need to remove the dry well cover.
- E Optimized Cutter/Grinder**
Reduces accumulation of cloth-type waste materials (eg. baby/wet wipes, feminine products, etc.) which are now more commonly seen in residential waste.
- F Self-Cleaning Discharge Line**
Maintains high velocity during pump-down which eliminates solids accumulation.
- G Highly Reliable Level Sensor**
20 year+ resistance to corrosion and not affected by accumulation of grease. Transducer allows adjustment of ON/OFF/ALARM setpoints to maximize capacity.
- H Light-Weight Pump Core Assembly**
Can be pulled up and out without removing any fasteners.

Smart Under Pressure



InviziQ™ Tank Specification - 238 Gallon Tank

Materials

Tank and Lid:	LDPE	
Gasket:	Nitrile	
Pump Inlet:	Stainless Steel	
Pump Discharge:	Check Valve:	Stainless Steel Swing Type
	Pipe Work:	Reinforced Rubber hose

Approvals

UL Listed Pressure Sewer System
UL File Number: E342653

Weight

Tank 238 Gallon only:	265 lbs
Lid only:	18 lbs
Tank 238 Gallon fully assembled:	368 lbs

Capacities - 238 Gallons Tank

Maximum:	238 Gallons
Off Level:	13 Gallons
Run Level:	45 Gallons
Alarm Level:	87 Gallons
Emergency Capacity:	151 Gallons

Environmental

Storage Temperature:	14 to 140°F
Operating Temperature:	14 to 122°F

Lid Loading

Maximum Loading: 1100 lbs

Tank Discharge

1 1/4" NPT Female Thread

Tank Inlet

- Inlet to be drilled on site using a
- 5" holesaw for 4" Schedule 40 Pipe Grommet Seal
 - 4-3/4" holesaw for 4" SDR 35 Sewer Pipe Grommet Seal
 - 4-3/4" holesaw for 4.33" Spigot

Noise Levels

48 dBA (Fast) @ 3.28 feet
Measured during operation of pump.

InviziQ™ Pump Specification

Inlet:	Direct Macerator Inlet
Outlet:	ACME Trapezoidal Thread
Weight:	Pump 36 lbs Motor 46 lbs

Materials

Pump Body:	Stainless
Stator and O Rings:	Nitrile Rubber
Screws, Nuts & Washers:	316 stainless steel
Pump Shaft:	316 stainless steel
Cutters:	440C Stainless steel
Pump Discharge Housing:	PVC Plastic
Driveshaft:	Carbon Steel

Environmental

Storage Temperature:	14 to 140°F
Operating Temperature:	23 to 104°F
Protection Rating:	IP 55
Humidity:	95% Max

Electrical Characteristics

Max. Operating Voltage:	240 V +/-5%, 60 Hz, 1 PH
Motor Duty:	Short time duty S2-30 minutes.
Max. Starts per hour:	10
Locked Rotor Current:	49.5 Amps
Full load Current:	6.2 Amps
Motor Power:	1.5 HP
Thermal Overload:	Automatic reset

Water Quality

Water Temperature:	50 to 86°F
pH range:	6 to 10

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