

Flygt Compit PSS Package

Flygt Compit PSS Package is a complete pressure sewer system optimized for local requirements.

Optimal pump station

The Flygt Compit Package handles wastewater from households to commercial building applications. For the best pumping reliability, the station is equipped with a Flygt M 3068 progressive cavity grinder pump, in a rotationally molded polyethylene self cleaning lift station.

Quick installation

The Flygt Compit is supplied ready for immediate installation. The large anti-flotation flange eliminates the need for concrete reducing installation cost. The Compit has two bosses that can be used for ventilation or electrical connections.

Height flexibility

The Compit is supplied 6 feet - 4-3/4 inches deep and has extensions available to reach depths of 10 feet.

Adaptable to loads/weight

A robust, flat access cover can support pedestrian traffic and, upon request, vehicular traffic.

M 3068 Progressive Cavity Pump

The municipal designed Flygt M 3068 progressive cavity grinder pump handles solids and fibers with ease by providing optimal starting torque that ensures reliable operation.

Flygt FGC211 Control

The FGC211 includes vital functions for pump control in PSS such as level/current measurement, alarms and statistics. Additional functions include auto/forced/blocked mode, start/stop delay, run limitations, and maintenance runs. The FGC211 is expandable to incorporate an inline pressure sensor and/or flush timer to help avoid upset system conditions.

Flygt Three Point Probe

The three point probe has no moving parts and works by using the conductive properties of the sewage to complete a circuit with a controller.

Local service and support

The Flygt Compit PSS Package comes with a solid warranty as well as local service and support through our sales companies, distributors and service partners.

To find your local Flygt representative, visit our website www.flygtus.com.



Three point probe level sensing device

Standard components

- Compit Polyethylene Station
- Flygt M 3068 progressive cavity grinder pump
- Flygt FGC211 PSS pump controller
- Flygt Three point probe level sensor



Flygt M 3068.175



Flygt Compit Basin

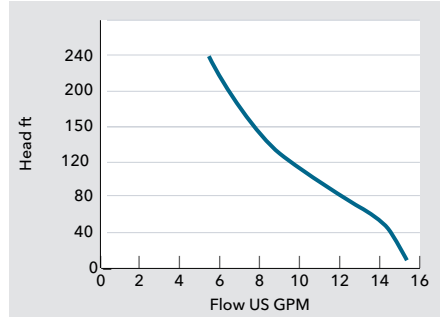
■ Flygt Compit PSS Package

M3068.175 Progressing Cavity Pump & Compit Polyethylene Basin

Flygt M 3068 Progressive Cavity Grinder Pump



Performance data



Technical data

M 3068.175	
Hydraulic code	450
Discharge	1"
Rated power	1.7HP
Phase	1 or 3
Voltage	230
Rated current (A)	8.1 (230v/1ph) 6.7 (230v/3ph) 3.4 (460v/3ph)
Weight	84 lbs.

Flygt Monitoring & Control



Flygt FGC211 Control Panel

Technical data

Flygt FGC211 Control Panel	
No. of pumps	1
Power supply	230 volt/60 Hz/1 phase
Main fuse	(A) 10
Size (WxHxD in.)	14"x 12"x 6"
Functions	Status indication, level information, alarm log, running hours, number of starts, pump/motor protection
Annunciation	Local Alarm light & Buzzer



Flygt Three Point Probe Level Sensor

Technical data

Flygt Three Point Probe Level Sensor	
Output signal	Analog
Supply voltage	18-25 VDC, 3 wire system
Temperature range	-4 to 122°F
Cable length	30 feet
Measurement range	6 inches between sensors

Flygt Compit Pump Station

Technical data

Flygt Simplex Grinder Stations	
Installation depth	6'-10' depths
Sump volume	238 gallons
Station weight	278 lbs. includes pump & plumbing
Diameter	24-1/4" ID at cover
Discharge depths	3 feet 6-1/8" without any extensions
Access Cover	Polyethylene cover

Dimensions

