



# ITT

BRRWHC

Wastewater

## Goulds Pumps

Rain Water Harvest Solutions



 **GOULDS PUMPS**

Goulds Pumps is a brand of ITT Corporation.

[www.goulds.com](http://www.goulds.com)

*Engineered for life*

### FEATURES

- **Water conservation**
- **Components for rainwater systems:** Pumps, pressure tanks, pressure switch and check valves.
- **Rain barrels and piping not included.**
- **Rainwater harvest can add LEED points to buildings.**

### APPLICATIONS

- Rainwater harvesting
- Residential
- Commercial

### AVAILABLE ACCESSORIES

- **Check Valves**
  - 1½-4"
  - various materials
- **Tank Cross Tees**
- **CentriPro Switch**
  - pressure switch up to 100 PSI
- **Hydro Air Tanks**
  - up to 120 gallon storage
  - back pressure tank

### JET PUMPS JS+



#### FEATURES:

- **Pipe Connections:** 1½" NPT suction, 1" NPT discharge
- **Pressure switch:** AS4 preset (30-50 PSI)
- **Casing Cast Iron**
- **Impeller:** Glass filled Noryl® is corrosion and abrasion resistant.
- **Diffuser (Guidevane):** Bolt down diffuser provides positive alignment with impeller. Diffuser has stainless wear ring for extended performance in abrasive conditions. F.D.A. compliant, injection molded, food grade, glass filled Lexan® for durability and abrasion resistance.
- **Powered for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits. Can be operated continuously without damage.
- **Corrosion Resistant:** Electro-coat paint process is applied inside and out, then baked on.
- **Protected Mechanical Seal:** Special diaphragm design retains water in the casing at all times to ensure the mechanical seal can never run dry.
- **Excellent Air Handling Ability:** After initial priming the pump has the ability to re-prime itself even when air gets into the system. Pumping resumes once the water level rises above the foot valve.

### AGENCY LISTINGS



Canadian Standards Association



Underwriters Laboratories

### 1SC PUMPS



#### FEATURES:

- 1¼" NPT discharge and open suction.
- Maximum suspended solids ⅛".
- Capacities: to 35 U.S. GPM (7.9 m³/h).
- Total heads: to 240 feet TDH (70 m).
- Maximum submergence: to 65 feet (20 m).
- Continuous duty rated, non-overloading motor.
- **Casing:** AISI 304 SS. Corrosion resistant, non-toxic, non-leaching.
- **Impeller:** Glass filled Noryl®. Corrosion and abrasion resistant.
- **Mechanical Seal:** Silicon/carbide sealing faces; all metal components of AISI type 300 stainless steel running in protected oil chamber.
- **Elastomers:** BUNA-N.
- **Motor Shell and Lifting Handle:** Constructed of AISI type 304 series stainless steel.
- **Shaft:** AISI type 304 stainless steel high strength keyed pump shaft with impeller locking cap screw.
- **Discharge:** 1¼" NPT vertical discharge connection.
- **Suction Strainer:** Detachable for easy clean out.

### BLASTER PUMPS



#### FEATURES:

- Designed for pumping filtered effluent from processed septic systems only.
- **Metal Parts are Stainless Steel:** AISI types 301 and 304 are corrosion resistant, non-toxic and non-leaching.
- **Non-Metallic Parts:** Impellers and diffusers are constructed of glass filled polycarbonate or Noryl, engineered composites. Both materials are corrosion and effluent resistant.
- **Discharge Head and Motor Adapter:** Engineered composite material for superior strength and corrosion resistance.
- **Stainless Steel Casing:** Polished stainless steel is strong, attractive and corrosion resistant.
- **NEMA CentriPro® Motor:**
  - UL 778 recognized.
  - NEMA mounting dimensions.
- All models have ⅛" diameter bypass in discharge head to ensure venting on start up.

### AGENCY LISTINGS



Underwriters Laboratories  
File no. E174426

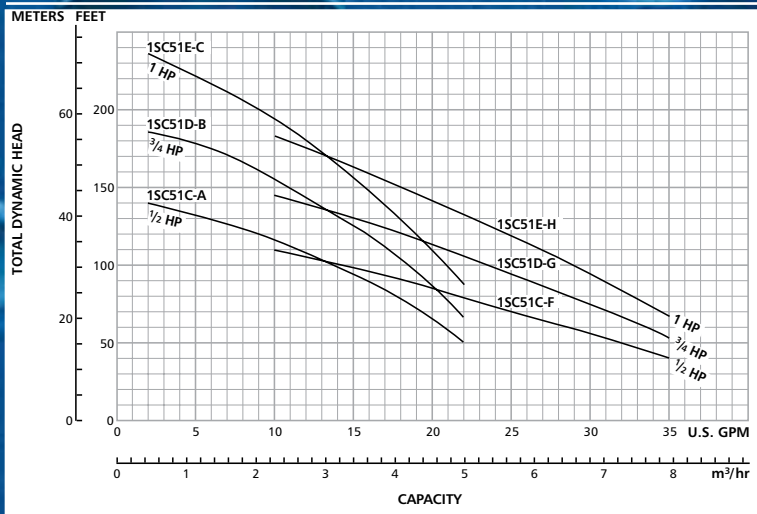


Canadian Standards Association  
File no. 38549

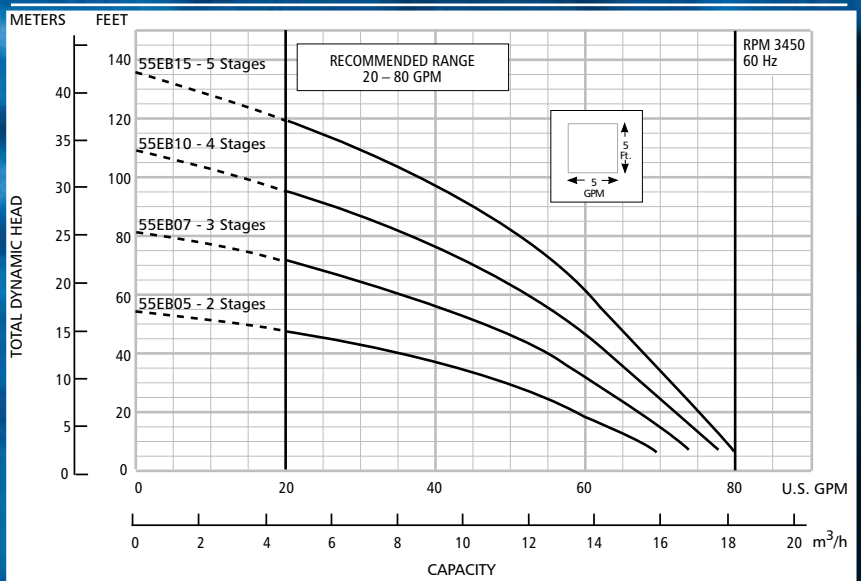
### JS+

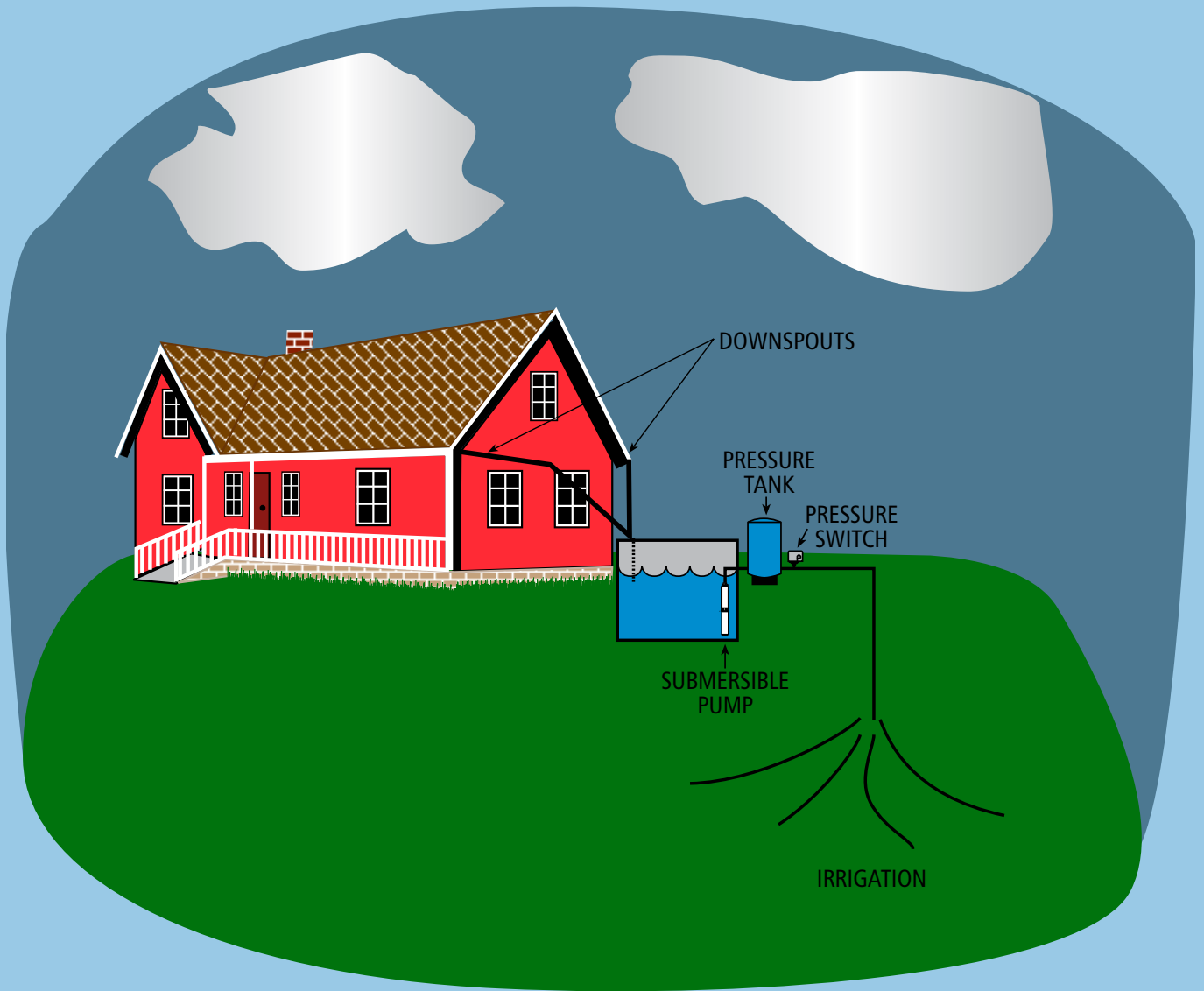
HP/Model	½ HP – J5S					½ HP – J5SH					¾ HP – J7S					1 HP – J10S					1½ HP – J15S					
Nozzle	AN017					AN019					AN018					AN018					AN022					
Venturi	AD3332					AD3328					AD3336					AD3339					AD3342					
Total Suction Lift (feet)	Discharge Pressure – PSI					Discharge Pressure – PSI					Discharge Pressure – PSI					Discharge Pressure – PSI					Discharge Pressure – PSI					
	20	30	40	50	Max. Shut off (PSI)	20	30	40	50	60	Max. Shut off (PSI)	30	40	50	60	Max. Shut off (PSI)	30	40	50	60	Max. Shut off (PSI)	30	40	50	60	Max. Shut off (PSI)
	Gallons per minute					Gallons per minute					Gallons per minute					Gallons per minute					Gallons per minute					
5	17.5	16.5	10.2	5.0	63	11.5	11.3	11.0	7.7	4.8	83	21.3	18.3	12.5	6.6	70	24.8	24.4	16.6	9.9	74	26.6	26.3	25.0	15.6	80
10	15.7	14.4	9.2	4.3	61	10.3	10.0	9.6	7.0	4.2	81	18.8	17.3	11.3	5.0	68	22.9	22.2	15.8	8.6	72	24.7	24.3	22.6	13.9	77
15	13.7	12.5	8.0	3.6	59	8.8	8.6	8.3	6.3	3.7	79	16.4	15.5	9.6	3.7	66	19.8	19.5	13.8	6.9	70	21.6	21.5	20.4	12.9	75
20	11.5	10.4	7.1	2.3	57	7.0	7.0	6.8	5.8	3.2	76	13.6	13.2	8.3	2.0	63	16.6	16.6	12.2	5.6	67	18.1	18.0	17.6	12.0	73
25	8.7	8.6	6.2	1.3	54	5.3	5.2	5.2	5.0	2.8	73	10.0	9.9	6.4	1.0	59	12.5	12.4	10.4	3.6	65	14.0	14.0	14.0	10.1	71

### 1SC/1SF



### 55EB - other flow rates available in this model



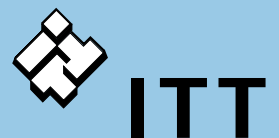


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