

Dayton Sink Pump Systems



PUMPS technical data sheet

Sink pump systems remove above-grade water from residential and commercial applications. These systems are a compact combination of an automatic float switch, a pump and a small basin. They collect water from lavatory basins, sinks or laundry tubs, where a sump or basin installation is not feasible. The wastewater collected in the small sink pump system basin is then pumped out to a larger basin or sump for final removal.

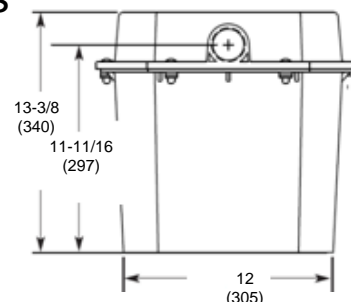
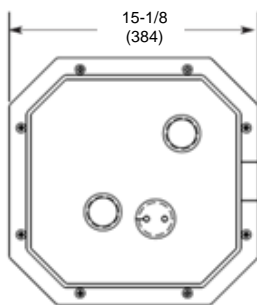


12F739
1/3 HP, Thermoplastic
Sink Pump System

Motor End Bearing	Single Row Ball
Pump End Bearing	Single Row Ball
Lubrication	Oil Lubricated
Discharge	1-1/2 Inch FNPT, Vertical
Volute Material	Thermoplastic
Base Material	Thermoplastic
Impeller Type	Vortex
Impeller Material	Thermoplastic
Hardware Material	Stainless Steel
O-rings	Buna-N
Seal Type	Single Mechanical
Seal Materials	Carbon/Ceramic/Buna-N
Operation	Automatic / Vertical Switch
Power Cord	18/3 SJTW, 10' (3m), NEMA 5-15P 115V Plug
Max. Solids Handling	3/8" (9.5mm) spherical
Max. Water Temperature	140°F / 60°C
Designed Fluid Environment	Water / Wastewater
Switch Type	Vertical
Switch Cord	10' (3m) SJTOW Power Cord
Switch Plug	NEMA 5-15P Piggyback Plug
Switch Max. Run Amps	10A
Switch Max. Start Amps	60A
Switch Pumping Range	On at 7" (178mm) Off at 2" (51mm)
Basin Height	13-3/8" (340mm)
Basin Capacity	6 Gallons (22.7L)
Basin Material	High Density Polyethylene Structural Foam
Basin Discharge	1-1/2 Inch FNPT, Vertical
Basin Hardware Material	Zinc Plated Steel

HP	1/3
Voltage	115V
Phase	Single
Frequency	60 Hz
Run Amps	4.1A
RPM	3450
Motor Type	PSC – Oil Filled
Overload Protection	Internal Thermal Overload
Motor Shaft Material	Stainless Steel
Motor Housing Material	Thermoplastic
Motor Duty	Intermittent

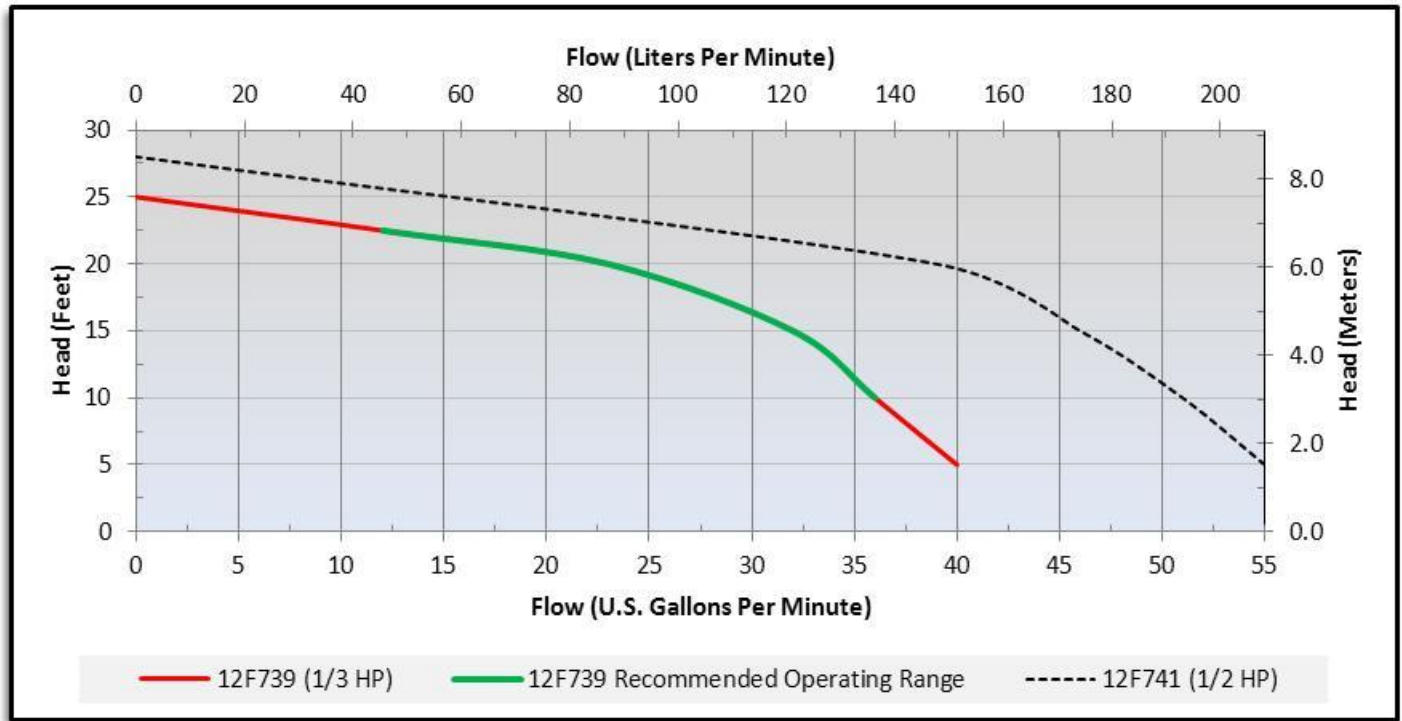
Outline Dimensions



Performance Data

Head	Feet	5	10	15	20	22.5	25
	Meters	1.5	3.0	4.6	6.1	6.9	7.6
Flow Rate	GPM	40	36	32	23	12	0
	LPM	151	136	121	87	45	0

Performance Chart



WARNING: Use only with nonflammable liquids compatible with pump component materials and in nonflammable/nonexplosive atmospheres.

Call or visit your local branch or go to grainger.com/dayton for complete product line information

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