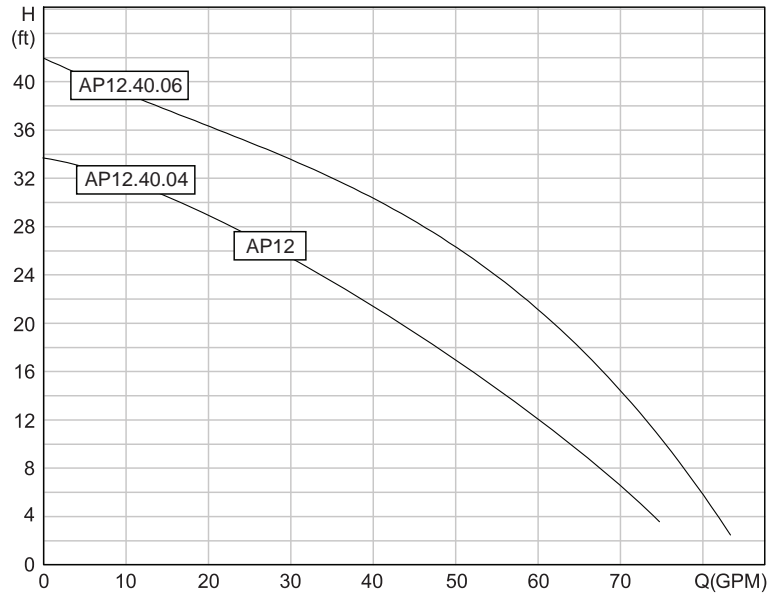




Performance Curve



Electrical Data

Pump Type	HP	Service Factor	PH	Input Voltage	Maximum Power Consumption (Watts)	Maximum Current (Amps)	Locked Rotor Current (Amps)	Nominal Speed (Rpm)
AP 12	1/2	1.6	1	115	900	8.0	24	3350
AP12.40.04***	1/2	1.6	1	115	900	8.0	24	3350
AP12.40.06***	3/4	1.6	1	230	1000	4.4	13.2	3350

\*\*\* Canada Only

Technical Data

Performance Range:

- Flow: 0.5 - 98 GPM
- Head: 0 - 45 ft.

Solids Handling:

- 7/16" Spherical Solids

Motor Type:

- PSC
- Oil Filled
- Class B Insulation

Motor Duty:

- Continuous when fully submerged

Starts Per Hour:

- Maximum 20 starts per hour
- Evenly Distributed once every 3 minutes

pH Range:

- 4 to 10

Thermal Protection:

- Internal resetting

Fluid Temperature Limits: (Totally Submerged)

- 32° - 131°F (0° - 55°C) Continuous\*
- 32° - 158°F (0° - 70°C) Intermittent

Discharge Size:

- 1-1/2" Female NPT

Impeller Design:

- Semi Open

Maximum Installation Depth Below Water Level:

- 30 ft.

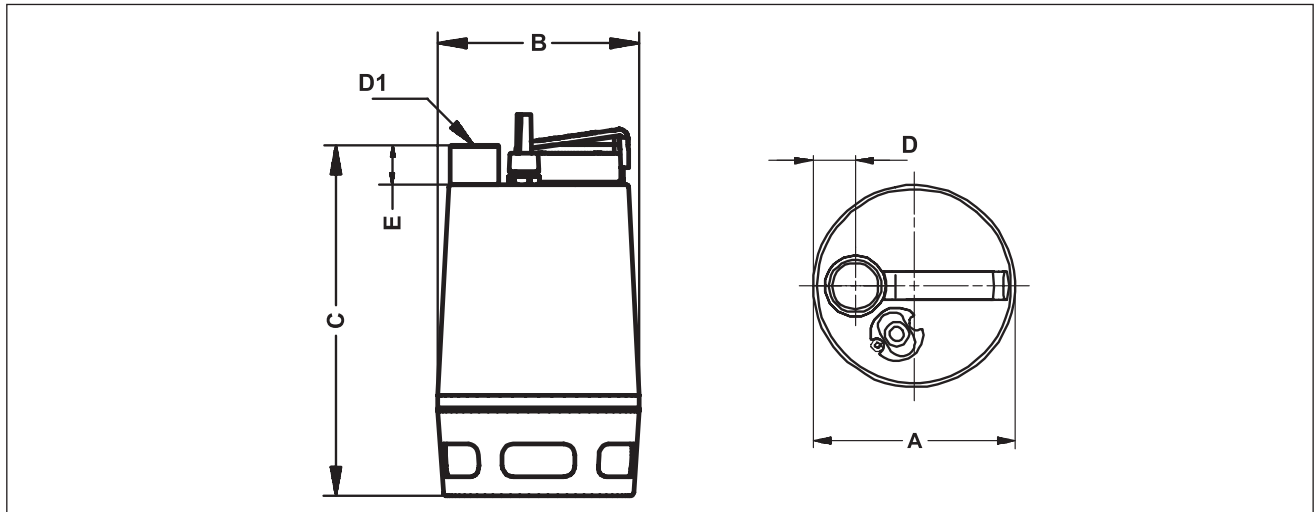
Approvals:

- CSA Approved
- UL Listed

Length of Power Cord:

- 10 or 25 ft.

Dimensional Drawing



Dimensions and Weights

Pump Type	Motor Data				D1 Discharge NPT	Dimensions (Inches)					Ship Wt. (lbs.)	Ship Vol. (cu. ft.)
	HP	S.F.	PH	Volts		A	B	C	D	E		
AP12	1/2	1.6	1	115	1-1/2"	8-1/2	8-9/16	12-11/16	1-1/4	1-3/16	24	24
AP12.40.04	1/2	1.6	1	115	1-1/2"	8-1/2	8-9/16	12-11/16	1-1/4	1-3/16	24	24
AP12.40.06	3/4	1.6	1	230	1-1/2"	8-1/2	8-9/16	12-11/16	1-1/4	1-3/16	24	1.17

Materials of Construction

Description	Material
Pump Housing	304 SS
Strainer	304 SS
Impeller	304 SS
Shaft, Pump Sleeve, Stator Housing	316 SS
Fasteners, Wear Plate, Lock Nut, Washer	304 SS
Shaft Seal	Silicon Carbide/Silicon Carbide
Bearings	Compounded Carbon
O-Rings	NBR
Power Cord Jacket	Neoprene
Grommet	Neoprene
Interior of Motor	Oil Filled - Polyalphaolefin