



APS3 SERIES

REV040326

Sump / Effluent • 1/3 HP

FEATURES AND BENEFITS

PERFORMANCE

Handles up to 27' TDH and 45 GPM for powerful, consistent pumping performance

MOTOR

High-efficiency, oil-filled permanent split capacitor motor with upper and lower ball bearings and built-in thermal overload protection for reliable, long-lasting performance.

SEAL DESIGN

Inboard oil-lubricated mechanical seal housed in the motor oil chamber for constant lubrication and improved dry-run protection, with a secondary spring-loaded lip seal to guard against debris intrusion

IMPELLER DESIGN

Vortex-style non-clog impeller designed to pass solids efficiently, reduce blockages, and maintain dependable pump performance in wastewater applications

POWER CORD

Sealed quick-disconnect cord prevents water intrusion and allows easy field replacement. Available up to 50 ft with plug and 100 ft without plug

SWITCH

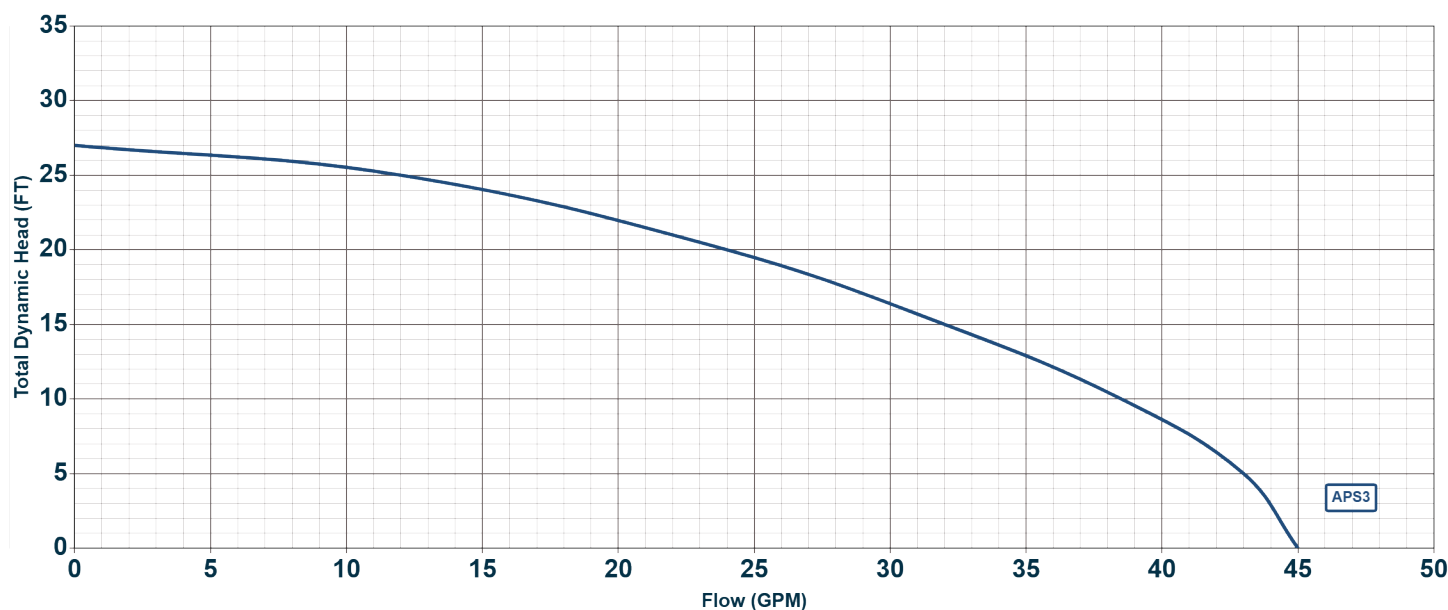
Operates as a manual unit or with an external piggyback float switch for automatic operation



optional mechanical float

APPLICATIONS

Heavy-duty cast iron design ideal for basement sumps, light-duty effluent, and water transfer applications





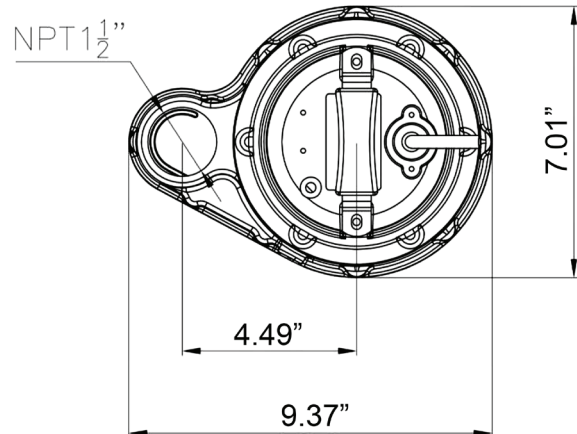
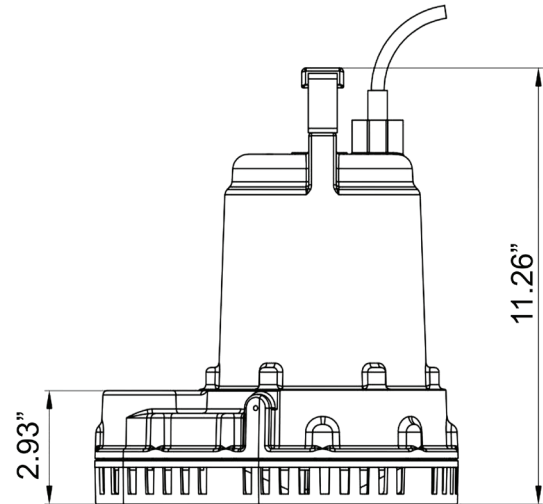
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TECHNICAL SPECS

DISCHARGE	1-1/2" NPT. Vertical
LIQUID TEMPERATURE	140°F (40°C), Intermittent Duty
MOTOR HOUSING	Cast Iron
VOLUTE	Thermoplastic
SEAL PLATE	Cast Iron
IMPELLER	Thermoplastic
SOLIDS HANDLING	1/4"
SHAFT	Stainless Steel
SHAFT SEAL (SINGLE SEAL)	Oil-lubricated inboard mechanical seal with a secondary dynamic lip seal, PTFE rotating face, ceramic stationary seat, Buna-N elastomer, and 300 series stainless steel hardware
BEARINGS (UPPER & LOWER)	Single Row, Ball, Oil Lubricated
HARDWARE	300 Series Stainless
O-RINGS	Buna-N
CORD	(UL/cUL Listed) 16 AWG, Type SJTW. 10 ft lengths standard; available up to 50 ft with plug and 100 ft without plug
MOTOR (SINGLE PHASE)	1/3 HP, 3450 RPM, 60 Hz, NEMA L. Includes integral overload protection. Oil-filled motor, Class B insulation, permanent split capacitor (PSC) design.
WEIGHT	22 lbs (Manual)



MODEL	HP	VOLTS	PHASE	AMPS	CORD LENGTH	SWITCH
APS311M	1/3	115	1	3.9	10'	Manual
APS312M	1/3	115	1	3.9	20'	Manual
APS313M	1/3	115	1	3.9	30'	Manual
APS315M	1/3	115	1	3.9	50'	Manual
APS311A	1/3	115	1	3.9	10'	Wide-Angle Float
APS312A	1/3	115	1	3.9	20'	Wide-Angle Float
APS313A	1/3	115	1	3.9	30'	Wide-Angle Float
APS311V	1/3	115	1	3.9	10'	Vertical Float
APS312V	1/3	115	1	3.9	20'	Vertical Float
APS3V13V	1/3	115	1	3.9	30'	Vertical Float