



APES SERIES

REV040326

Sump / Effluent • 1/2 HP

FEATURES AND BENEFITS

PERFORMANCE

Handles up to 41' TDH and 95 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 engineered to pass solids efficiently, reduce clogging, and maintain reliable performance in septic, sump, and dewatering 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

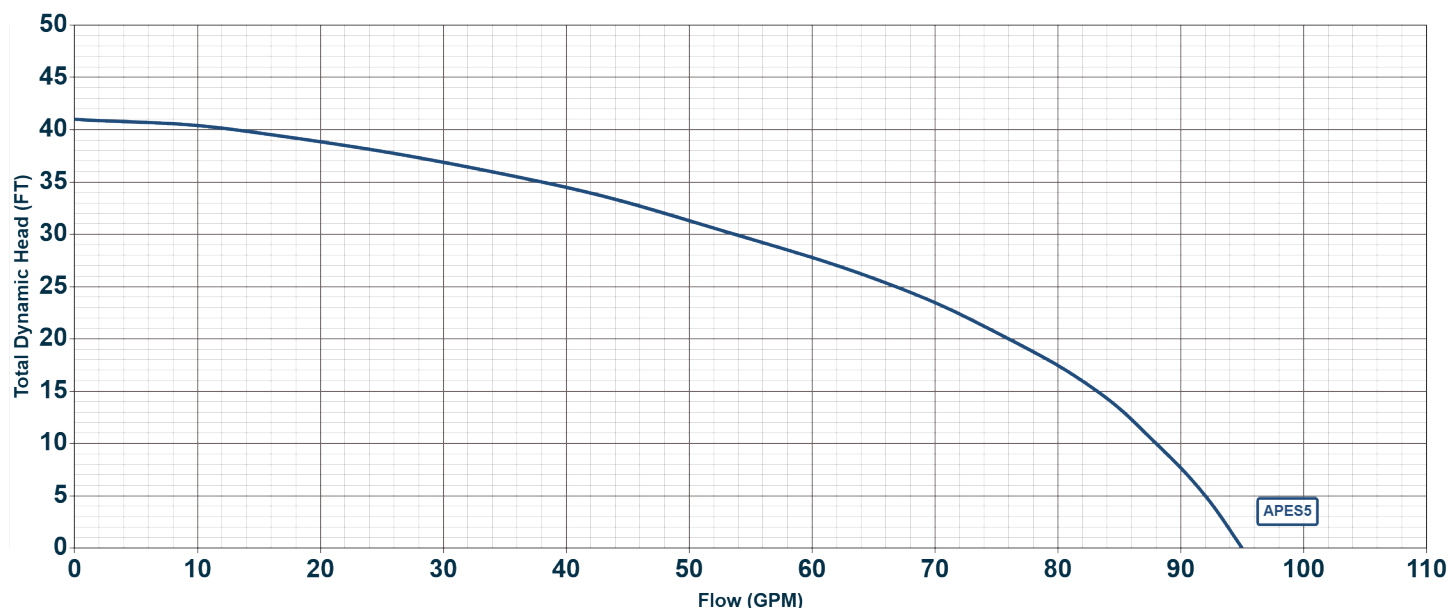
Operates as a manual unit or with an external piggyback float switch for automatic operation



optional mechanical float

APPLICATIONS

Heavy-duty cast iron construction designed for septic systems, basement sumps, elevator pits, and dewatering applications





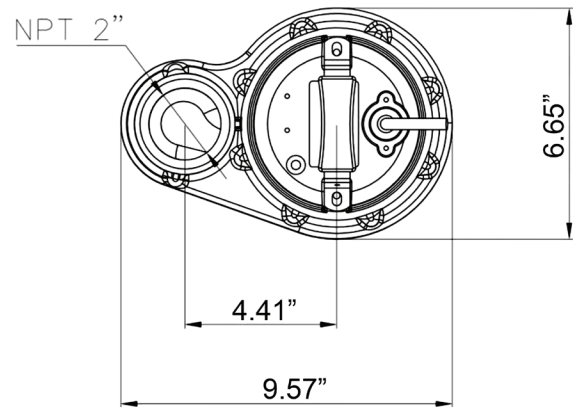
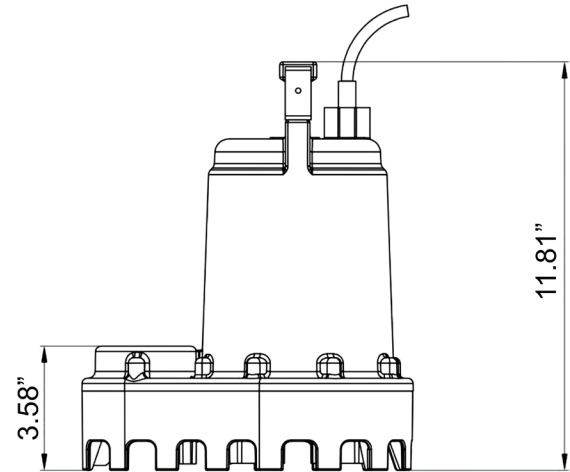
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TECHNICAL SPECS

DISCHARGE	2" NPT. Vertical with 1 1/2" Adapter
LIQUID TEMPERATURE	140°F (40°C), Intermittent Duty
MOTOR HOUSING	Cast Iron
VOLUTE	Thermoplastic
SEAL PLATE	Cast Iron
IMPELLER	Thermoplastic
SOLIDS HANDLING	3/4"
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)	1/2 HP, 3450 RPM, 60 Hz, NEMA L. Includes integral overload protection. Oil-filled motor, Class B insulation, permanent split capacitor (PSC) design.
WEIGHT	25 lbs (Manual)



MODEL	HP	VOLTS	PHASE	AMPS	CORD LENGTH	SWITCH
APES511M	1/2	115	1	9.1	10'	Manual
APES512M	1/2	115	1	9.1	20'	Manual
APES513M	1/2	115	1	9.1	30'	Manual
APES515M	1/2	115	1	9.1	50'	Manual
APES511A	1/2	115	1	9.1	10'	Wide-Angle Float
APES512A	1/2	115	1	9.1	20'	Wide-Angle Float
APES513A	1/2	115	1	9.1	30'	Wide-Angle Float
APES515A	1/2	115	1	9.1	50'	Wide-Angle Float
APES511V	1/2	115	1	9.1	10'	Vertical Float
APES512V	1/2	115	1	9.1	20'	Vertical Float
APES513V	1/2	115	1	9.1	30'	Vertical Float
APES515V	1/2	115	1	9.1	50'	Vertical Float