



RXE Series

CAST IRON EFFLUENT PUMPS

The Rotex RXE Series Effluent Pumps are precisely designed for effluent pressure distribution in mounds, trenches, and high-flow drainage. Crafted from high-quality cast iron and stainless steel fasteners, they resist corrosion, ensuring long-lasting performance in challenging effluent environments and drainage tasks, meeting market demand.

1/2" Solid Handling

115 Volts @ 60 Hertz

0.33 - 0.5 HP (0.25 - 0.37 kW)





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Key Features

The Rotex RXE Series Effluent Pumps prioritize durability and high performance. They incorporate a robust cast iron vortex impeller capable of handling solids up to ½ inch in size, ensuring dependable operation even in challenging conditions. The pumps also feature a durable cast iron base for stability and a cast iron motor housing with an oil-filled motor, providing efficient heat dissipation and continuous bearing lubrication to extend the pump's lifespan.

Moreover, a built-in vent hole eliminates air binding without added labor, enhancing efficiency, while the cast iron motor housing promotes heat transfer and corrosion resistance. Designed for longevity, the RXE Series Effluent Pumps promise years of maintenance-free operation, making them a dependable choice for various applications.

- Reliable mechanical switch with solid float ensures dependable and long-life performance.
- High-torque permanent split capacitor (PSC) single-phase motors, free from wear-out-prone starting switches or relays.
- Single-phase PSC motors with internal oil cooling and lubrication.
- Motors equipped with on-winding current and temperature-sensitive thermal overload protections.
- Mechanical shaft seal made from Ceramic-faced carbon. (Optionally available with dual tandem seal for extended motor life)
- Upper and lower ball bearings provide robust support for rotor, handling radial and thrust loads effectively.
- All Rotex effluent pumps feature NEMA three-prong grounding plugs for added safety.

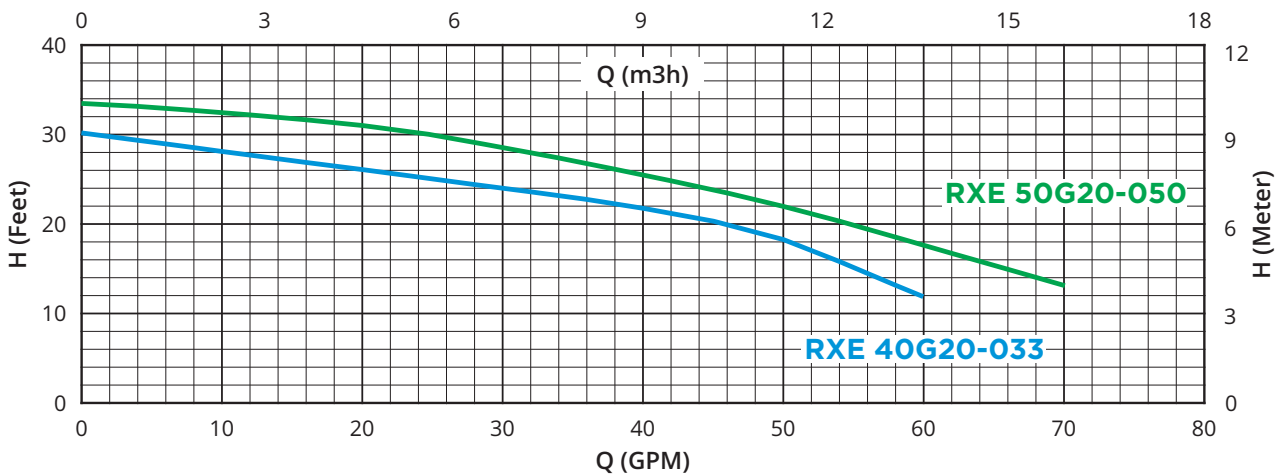
Applications

- Filtered Effluent.
- Basement Draining
- Water Transfer
- De-watering

Advantages

- NPT Discharge : 1 ½ inch
- Solid Handling : ½ inch (Max)
- Flow up to: 70 GPM (15.9 m3h)
- Head up to: 30 Feet (9.1 meters)
- Cast Iron Vortex Style Impeller
- Cast Iron Volute
- Powder Coated Exterior
- Stainless Steel Shaft & Hardware
- Max. Fluid Temperature: 140 ° F
- Single Phase Motor - 115V @ 60Hz
- Motor Housing : Cast Iron GG25
- Oil-filled and Thermally Protected
- Motor Insulation: Class F
- Wide-angle Float Switch with Piggyback plug

60 Hz	Performance Data @ 2-Pole / 3450 rpm											Technical Data			
	Motor Data				Q (GPM)	20	30	40	50	60	70	Outlet (inch)	Solid Size (inch)	Dimension L x W x H (inch)	Weight (Lbs)
	HP	KW	Volts	Amp.											
RXE 40G20-033	0.33	0.25	115	6.8	H	25.2	23.1	20.8	17.3	10.9	1 ½	½	10x10x13	24	
RXE 50G20-050	0.50	0.37	115	8.0	(Feet)	30.0	27.6	24.6	21.0	16.7	12.3	1 ½	½	10x10x13	25



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