

GRINDER RETROFIT KIT

APPLICATIONS

Low pressure sewage, direct simplex replacement grinder for positive displacement grinder systems

FEATURES

- 2 hp 3450 rpm, high starting torque, automatic grinder pump with mechanical float switch
- Patented cutting system providing tight cutting clearances for superior cutting action grinding 414,000 cuts per minute
- Higher head capability to cover more applications
- 1-1/4" cast iron anti-siphon/check valve
- 1-1/4" NPT piping
- Adjustable alarm float switch preset at factory
- Watertight junction box for ease of installation
- Quick disconnect plug
- Rigid construction for ease of handling
- Fast, simple, and easy installation
- Epoxy-coated steel cover
- Telescoping discharge (520835 only)



SERIES SPECIFICATIONS

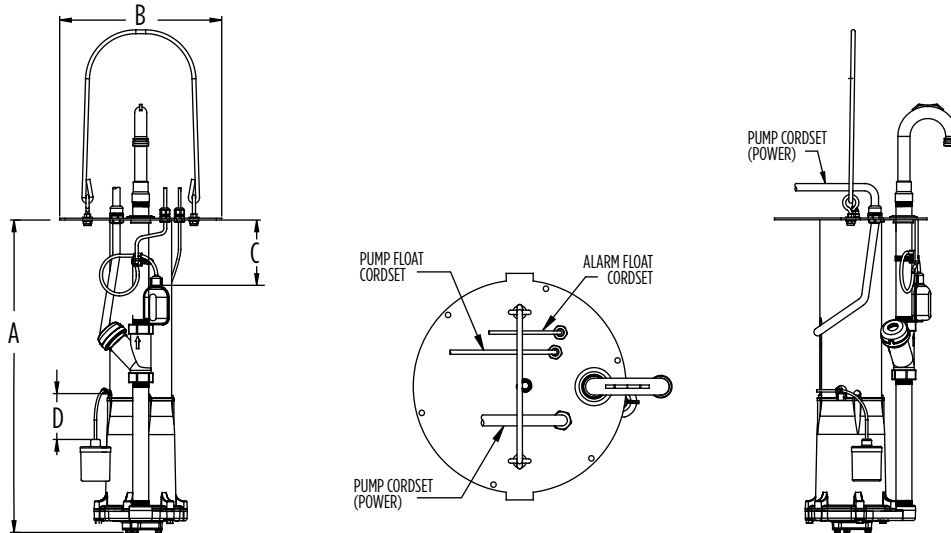
Volts	Hz	Amps		Watts	Performance (GPM @ Height in Feet)					Shut-Off (ft)	PSI
		FLA	Start		40'	60'	80'	100'	120'		
208-230	60	13.9	65	3200	31	30	25	20	10	130	56

Item No.	Model	Volts	Switch Type/ Operation	On Level	Off Level	Cord	Weight
520835	GP-A-RFKT	208-230	Piggyback Mechanical Float	23" - 25" 58.4 cm - 63.5 cm	9" - 11" 23 cm - 28 cm	20' 6.1 m	135 lbs 61.23 Kg
520836	GP-A-RFK	208-230	Piggyback Mechanical Float	23" - 25" 58.4 cm - 63.5 cm	9" - 11" 23 cm - 28 cm	20' 6.1 m	135 lbs 61.23 Kg

GRINDER PACKAGES

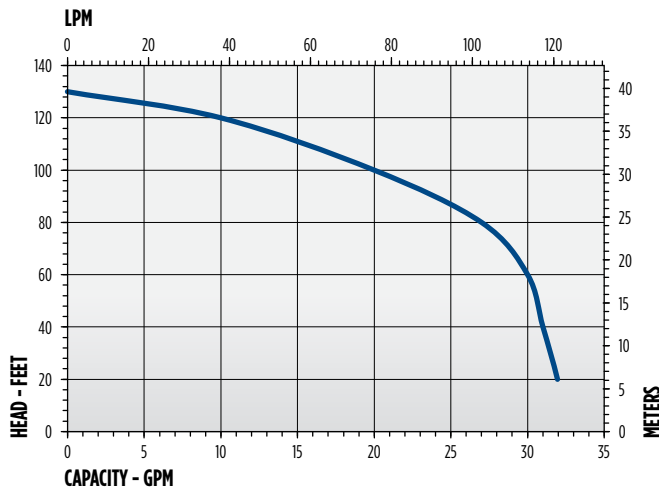
GRINDER RETROFIT KIT

ENGINEERING DATA



Item No.	Model	A	B	C	D
520835	GP-A-RFKT	32.27" 81.97 cm	16.75" 42.55 cm	6.5" 16.51 cm	8" 20.30 cm
520836	GP-A-RFK	32.27" 81.97 cm	16.75" 42.55 cm	6.5" 16.51 cm	8" 20.30 cm

PERFORMANCE DATA



CONSTRUCTION

Motor Cover	Cast iron with epoxy coating
Motor Cover O-Ring	Nitrile
Motor Design	Single-phase, capacitor start, capacitor run
Insulation Class	F
Overload Protection	Internal, on winding thermal protector
Motor Shaft	AISI 300 Series stainless steel
Ball Bearing - Upper	Single row ball, 6203
Ball Bearing - Lower	Single row ball, 6306
Seal Housing	Cast iron with epoxy coating
Mechanical Seal	Carbon/ceramic
Volute	Cast iron with epoxy coating
Impeller	Brass
Rotating Cutter	Multi-blade design, AISI 440C stainless steel, through-hardened to Rockwell 55-60C
Stationary Cutter	AISI 440C stainless steel, hardened to Rockwell 55-60C
Power Cable	Type SOOW or SOW 14/3 AWG