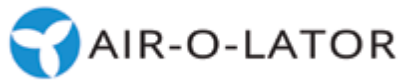


PUMPS & PROCESS EQUIPMENT Mixers



Gear-Drive Mixer

NEW!

Air-O-Lator Submersible Mixers

- Powerful direct- or gear-drive mixers suitable for wastewater plant operation
- Easily mounts to most existing mixer rail systems

These heavy-duty mixers are constructed specifically for raw, screened wastewater applications. Separate bearings for the propeller are housed in the fairwater, removing any strain from the motor. Choose from direct- or gear-drive models. Gear-drive mixers feature a planetary gear reducer which allows for a larger propeller operating at a reduced rpm, while providing high volume pumping and thrust.

All mixers include a 304 stainless steel motor support and mount. The mount fits to a 4" square tube mast (not included, source locally). This allows for raising, lowering and removing the mixer without entering the tank. For direct-drive mixers only, the optional pontoon floating mount is ideal for lagoons and oxidation ditches (order separately).

Note: Contact USABlueBook Technical Support for any application or mounting questions prior to ordering. You must specify your desired voltage at time of order. Aspirating/aerating models are also available; contact us for more information.

Shipping: Ships motor freight.

HP	PROP RPM	PUMPING RATE (GPM)	THRUST (LBS)	PROP DIAMETER	WEIGHT (LBS)	STOCK #	EACH
DIRECT-DRIVE MIXERS							
3	1740	2800	130	10"	400	361174	\$
5	1735	4000	200	10"	450	361175	
7.5	1740	4200	300	12"	450	361176	
GEAR-DRIVE MIXERS							
5	300	13,000	200	26"	500	361177	\$
7.5	300	15,000	300	30"	500	361178	
10	430	18,000	400	26"	700	361179	
15	430	21,000	600	30"	700	361180	

Accessories

DESCRIPTION	STOCK #	EACH
Pontoon Float for Direct-Drive Mixers	361181	\$



- Construction:** ductile-iron housing, 316 stainless steel prop, 304 stainless steel mounting support
- Solids handling:** up to 6% total suspended solids
- Bearings:** motor: single row, deep-groove ball; prop shaft: roller taper; all rated for 100,000 hours
- Seal:** motor: tandem mechanical, carbon/ceramic; prop shaft: mechanical, silicon carbide/silicon carbide
- Motor:** Baldor, 3-phase, continuous duty, Class F insulation, UL listed for Class 1, Group D, Division 1 explosion-proof
- Power cord:** 30'L

Sulzer ABS RW 200 Lift Station Mixers

- Specifically for use in sewage lift stations

Engineered specifically for sewage lift stations, these compact submersible mixers eliminate buildup and floating crusts. Tie them in to your control panel for timed operation before the pumps run to keep lift stations clean.

Choose R2022 models for stations up to 12'Dia (10' x 16' rectangular) or R2821 models for stations up to 16'Dia (13' x 20' rectangular). Install multiple mixers in larger stations to boost mixing energy.

All mixers feature a solids deflection ring to protect the mechanical seal from damage, and a blockage-free propeller that won't get clogged by trash. To change mixer angle, adjust the position on the mixer bracket. Adjust mixer direction with the installation bracket.

Many installation options are available. The wall/floor pedestal base anchors to your tank and won't allow the mixer to be removed while the tank is full. Other options are available by special order; contact us for details.

Shipping: Ships motor freight.

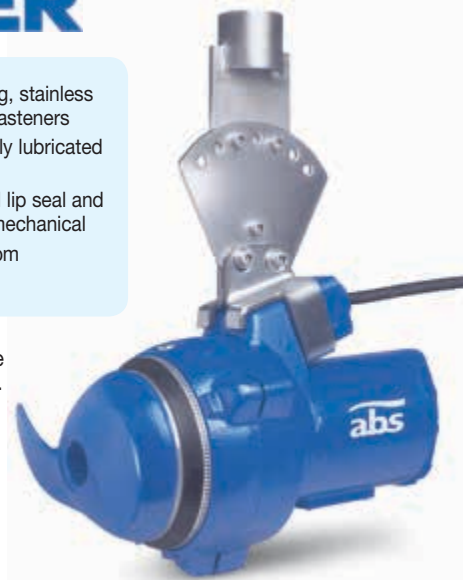
Mixers

MIXING RATE (GPM)	HP	VOLTAGE**	PHASE	AMPS	WEIGHT (LBS)	STOCK #	EACH
MODEL R2022 MIXERS WITH 8" PROPELLER							
1500	2.4	115 VAC	1	24.2	32	63599*	\$
1500	2.4	230 VAC	1	12.1	32	63600*	
1500	2.1	230 VAC	3	7.2/3.6	26	63601	
1500	2.1	460 VAC	3	7.2/3.6	26	63602	
MODEL R2821 MIXERS WITH 9.8" PROPELLER							
2400	3.8	230 VAC	3	11/5.5	32	63603	\$
2400	3.8	460 VAC	3	11/5.5	32	63604	

* Requires start/run kit. ** Alternate voltages available; contact us for details.



- Construction:** cast-iron housing, stainless steel shaft and fasteners
- Bearings:** dual, permanently lubricated double row
- Seal:** tandem, Buna-N lip seal and silicon carbide mechanical
- Motor:** air filled; 1780 rpm
- Power cord:** 30'L



Accessories

DESCRIPTION	STOCK #	EACH
Wall/Floor Pedestal Base	63605	\$
Fixed Cantilever Base	63606	
Start/Run Kit, 115 VAC/Single Phase	63607	
Start/Run Kit, 230 VAC/Single Phase	63608	