

Product SPOTLIGHT

The most recognized name in mixers—

Lightnin® Batch Mixers

- High-efficiency propellers deliver 50% more mixing power than traditional designs

Lightnin batch mixers offer superior dependability and low cost of ownership. All models listed feature a 316 SS shaft and either a cast 316L SS A-310 impeller (clamp-mounted models) or folding propeller (bung-mounted models). Choose from several mixer configurations.

Direct-drive mixers are great for dissolving powders, adjusting pH or general blending in small tanks. Their independent bearing support housing features oversized bearings to support tough mechanical loads, as opposed to typical setups that put strain on the motor bearings. This unique design extends the life of your mixer and its motor. Housing also ensures user safety by preventing the operator from grabbing the internal rotating shaft coupling.

Gear-drive mixers are for use with high-volume tanks, viscous chemical applications and shear-sensitive applications like flocculants. All models feature self-aligning planetary gearing for efficient load sharing, a flexible motor coupling for soft starts and reduced shock loads, and maintenance-free permanently lubricated oversized drive shaft bearings.

All mixers include: a 20° offset cast aluminum tank clamp (except sizing codes A & M) for mixing in unbaffled tanks. **115V mixers also include:** a 6'L power cord with 3-prong plug.

Note: TEFC motors require additional wiring after delivery.

Shipping: Additional shipping fees may apply. Contact USABlueBook for more information.



Direct-Drive Mixer w/
On-Board Speed Control
& 6'L Power Cord & Plug
45910



Gear-Drive Mixer
45919

How to identify your application's Sizing Code

Use this sizing code guide in conjunction with the order table on facing page to select the best mixer for your specific application.

Viscosity (cP)	Application Example	Volume (Gallons)								
		10	25	50	100	200	500	1000	1500	
1	Water	A	A B	A B M	B	B	H	H	J	
250	SAE 40 oil	A B	A B	B M	B	F	H	J	J	
500	Most paints	A B	B	B M	F	F	J	J	L	
1000	Castor oil	B	B	F	F	G	J	L	L	
2500	Molasses	C	C	F	F	G	L			
5000	Polymer	C	C	D	G	K				

Note: Guide is for general-purpose mixing based on the following: for use with Newtonian, thixotropic or pseudoplastic fluids only; solids limited to 25% by weight; specific gravity of total batch limited to 1.25 (or 10.5 lbs per gallon).

Our **100% satisfaction guarantee** and hassle-free, 30-day return policy ensure that great service doesn't end with the sale.

Looking for Lightnin mixers or replacement parts you don't see here? Just give us a call—we can get them for you!

over 1 million units sold!



Direct-Drive Mixers

MFR #	SIZING CODE	MOTOR TYPE	VOLTS* & PHASE	HP	OUTPUT (RPM)	SHAFT (DIA x L)	IMPELLER DIAMETER	STOCK #	EACH
SMALL CLAMP-MOUNT MIXERS									
800013	A	EXP	115V, 1 PH	1/20	1750	3/8" x 24"	3.4"	45901**	\$
800000	A	TENV	115V, 1 PH	1/14	1200/1600	3/8" x 24"	3.4"	45902	
800129-1	A	TENV	115V, 1 PH	1/8	1750	3/8" x 30"	3.4"	45903	

2" BUNG-MOUNTED MIXERS									
EV1B25AFP32	M	AIR	—	1/4	20 to 1800	5/8" x 32"	3" (Folding)	45904	\$
EV1B25MFP32	M	TENV	115V, 1 PH	1/4	90 to 1800	5/8" x 32"	3" (Folding)	45905	

2" BUNG-MOUNTED MIXERS W/ 25 PSI FLUOROCARBON POLYMER LIP SEAL									
EV1LS33AFP32	M	AIR	—	1/3	20 to 1800	5/8" x 32"	4" (Folding)	45906	\$
EV1LS33MFP32	M	TENV	115V, 1 PH	1/3	90 to 1800	5/8" x 32"	4" (Folding)	45907	
EV1LS33ETFP32	M	EXP	230/460V, 3 PH	1/3	1750	5/8" x 32"	4" (Folding)	45908	

CLAMP-MOUNT MIXERS									
EV1P25A1C48	B	AIR	—	1/4	20 to 1800	5/8" x 48"	3.8"	45909	\$
EV1P25M1C48	B	TENV	115V, 1 PH	1/4	90 to 1800	5/8" x 48"	3.8"	45910	
EV1P25T1C48	B	TEFC	230/460V, 3 PH	1/4	1750	5/8" x 48"	3.8"	45911	
EV1P75A2K48	B	AIR	—	3/4	20 to 1800	3/4" x 48"	(2) 4.5"	45912	
EV1P75M2K48	B	TENV	115V, 1 PH	3/4	90 to 1800	3/4" x 48"	(2) 4.5"	45913	
EV1P75T2K48	B	TEFC	230/460V, 3 PH	3/4	1750	3/4" x 48"	(2) 4.5"	45914	

Gear-Drive Mixers

MFR #	SIZING CODE	MOTOR TYPE	VOLTS* & PHASE	HP	OUTPUT (RPM)	SHAFT (DIA x L)	IMPELLER DIAMETER	STOCK #	EACH
CLAMP-MOUNT MIXERS									
EV5P25A1E36	C	AIR	—	1/4	20 to 350	3/4" x 36"	7.6"	45916	\$
EV5P25M1E36	C	TENV	115V, 1 PH	1/4	20 to 350	3/4" x 36"	7.6"	45915	
EV5P50A2L36	D	AIR	—	1/2	20 to 350	3/4" x 36"	(2) 8.8"	45918	
EV5P50M2L36	D	TENV	115V, 1 PH	1/2	20 to 350	3/4" x 36"	(2) 8.8"	45917	
EV5P50T2L36	D	TEFC	230/460V, 3 PH	1/2	350	3/4" x 36"	(2) 8.8"	45919	
EV5P25A1F48	F	AIR	—	1/4	20 to 350	3/4" x 48"	10.0"	45921	
EV5P25M1F48	F	TENV	115V, 1 PH	1/4	20 to 350	3/4" x 48"	10.0"	45920	
EV5P25T1F48	F	TEFC	230/460V, 3 PH	1/4	350	3/4" x 48"	10.0"	45922	
EV6P50A2T48	G	AIR	—	1/2	20 to 280	3/4" x 48"	(2) 11.2"	45924	
EV6P50M2T48	G	TENV	115V, 1 PH	1/2	20 to 280	3/4" x 48"	(2) 11.2"	45923	
EV6P50T2T48	G	TEFC	230/460V, 3 PH	1/2	280	3/4" x 48"	(2) 11.2"	45925	
EV5P25A1J60	H	AIR	—	1/4	20 to 350	3/4" x 60"	11.2"	45927	
EV5P25M1J60	H	TENV	115V, 1 PH	1/4	20 to 350	3/4" x 60"	11.2"	45926	
EV5P25T1J60	H	TEFC	230/460V, 3 PH	1/4	350	3/4" x 60"	11.2"	45928	
EV6P50A2X60	J	AIR	—	1/2	20 to 280	3/4" x 60"	(2) 12.8"	45930	
EV6P50M2X60	J	TENV	115V, 1 PH	1/2	20 to 280	3/4" x 60"	(2) 12.8"	45929	
EV6P50T2X60	J	TEFC	230/460V, 3 PH	1/2	280	3/4" x 60"	(2) 12.8"	45931	
EV6P75A2T48	K	AIR	—	3/4	20 to 280	3/4" x 48"	(2) 11.2"	45933	
EV6P75M2T48	K	TENV	115V, 1 PH	3/4	20 to 280	3/4" x 48"	(2) 11.2"	45932	
EV6P75T2T48	K	TEFC	230/460V, 3 PH	3/4	280	3/4" x 48"	(2) 11.2"	45934	
EV6P75A2X60	L	AIR	—	3/4	20 to 280	3/4" x 60"	(2) 12.8"	45936	
EV6P75M2X60	L	TENV	115V, 1 PH	3/4	20 to 280	3/4" x 60"	(2) 12.8"	45935	
EV6P75T2X60	L	TEFC	230/460V, 3 PH	3/4	280	3/4" x 60"	(2) 12.8"	45937	

* Alternate voltages available. Contact USABlueBook for more information. ** No cord; 7" L 3-wire leads.
 AIR - Air Driven Non-Electrical TENV - Totally Enclosed Non-Ventilated TEFC - Totally Enclosed Fan Cooled EXP - Explosion-Proof



Gear-Drive Mixer 45921

Replacement Lightnin® Mixer Parts

316 SS Shafts

DIA x L	STOCK #	EACH
3/8" x 30"	45263	\$
5/8" x 48"	45264	
3/4" x 60"	45265	



316 SS Folding Propellers

BORE x DIA	STOCK #	EACH
5/8" x 3"	45266	\$
5/8" x 4"	45267	



316 SS A-310 Impellers

BORE x DIA	STOCK #	EACH
3/8" x 3.4"	45268	\$
5/8" x 3.8"	45269	
3/8" x 4.5"	45270	
3/4" x 7.6"	45271	
3/4" x 8.8"	45272	
3/4" x 10"	45273	
3/4" x 11.2"	45274	
3/4" x 11.8"	45275	
3/4" x 12.8"	45276	

