

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).



If we don't have it, we can get it. We have access to thousands of items from hundreds of suppliers. See pages 1982-1983 for our complete list of industry-leading manufacturers.

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**	\$ 2,531.00
800000	A	TENV	115V, 1 PH	1/14	1200/1600	3/8" x 24"	3.4"	45902	2,122.00
800129-1	A	TENV	115V, 1 PH	1/6	1750	3/8" x 30"	3.4"	45903	1,945.00

2" BUNG-MOUNTED MIXERS									
EV1B25AFP32	M	AIR	—	1/4	20 to 1800	5/8" x 32"	3" (Folding)	45904	\$ 1,734.00
EV1B25MFP32	M	TENV	115V, 1 PH	1/4	90 to 1800	5/8" x 32"	3" (Folding)	45905	2,721.00

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	\$ 3,285.00
EV1LS33MFP32	M	TENV	115V, 1 PH	1/3	90 to 1800	5/8" x 32"	4" (Folding)	45907	4,363.00
EV1LS33ETFP32	M	EXP	230/460V, 3 PH	1/3	1750	5/8" x 32"	4" (Folding)	45908	3,511.00

CLAMP-MOUNT MIXERS									
EV1P25A1C48	B	AIR	—	1/4	20 to 1800	5/8" x 48"	3.8"	45909	\$ 1,589.00
EV1P25M1C48	B	TENV	115V, 1 PH	1/4	90 to 1800	5/8" x 48"	3.8"	45910	2,514.00
EV1P25T1C48	B	TEFC	230/460V, 3 PH	1/4	1750	5/8" x 48"	3.8"	45911	1,445.00
EV1P75A2K48	B	AIR	—	3/4	20 to 1800	3/4" x 48"	(2) 4.5"	45912	1,918.00
EV1P75M2K48	B	TENV	115V, 1 PH	3/4	90 to 1800	3/4" x 48"	(2) 4.5"	45913	3,350.00
EV1P75T2K48	B	TEFC	230/460V, 3 PH	3/4	1750	3/4" x 48"	(2) 4.5"	45914	1,869.00

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	\$ 2,201.00
EV5P25M1E36	C	TENV	115V, 1 PH	1/4	20 to 350	3/4" x 36"	7.6"	45915	3,142.00
EV5P50A2L36	D	AIR	—	1/2	20 to 350	3/4" x 36"	(2) 8.8"	45918	3,069.00
EV5P50M2L36	D	TENV	115V, 1 PH	1/2	20 to 350	3/4" x 36"	(2) 8.8"	45917	4,177.00
EV5P50T2L36	D	TEFC	230/460V, 3 PH	1/2	350	3/4" x 36"	(2) 8.8"	45919	2,989.00
EV5P25A1F48	F	AIR	—	1/4	20 to 350	3/4" x 48"	10.0"	45921	2,201.00
EV5P25M1F48	F	TENV	115V, 1 PH	1/4	20 to 350	3/4" x 48"	10.0"	45920	3,142.00
EV5P25T1F48	F	TEFC	230/460V, 3 PH	1/4	350	3/4" x 48"	10.0"	45922	2,056.00
EV6P50A2T48	G	AIR	—	1/2	20 to 280	3/4" x 48"	(2) 11.2"	45924	3,562.00
EV6P50M2T48	G	TENV	115V, 1 PH	1/2	20 to 280	3/4" x 48"	(2) 11.2"	45923	4,715.00
EV6P50T2T48	G	TEFC	230/460V, 3 PH	1/2	280	3/4" x 48"	(2) 11.2"	45925	3,340.00
EV5P25A1J60	H	AIR	—	1/4	20 to 350	3/4" x 60"	11.2"	45927	2,201.00
EV5P25M1J60	H	TENV	115V, 1 PH	1/4	20 to 350	3/4" x 60"	11.2"	45926	3,142.00
EV5P25T1J60	H	TEFC	230/460V, 3 PH	1/4	350	3/4" x 60"	11.2"	45928	2,056.00
EV6P50A2X60	J	AIR	—	1/2	20 to 280	3/4" x 60"	(2) 12.8"	45930	3,562.00
EV6P50M2X60	J	TENV	115V, 1 PH	1/2	20 to 280	3/4" x 60"	(2) 12.8"	45929	4,715.00
EV6P50T2X60	J	TEFC	230/460V, 3 PH	1/2	280	3/4" x 60"	(2) 12.8"	45931	3,340.00
EV6P75A2T48	K	AIR	—	3/4	20 to 280	3/4" x 48"	(2) 11.2"	45933	3,802.00
EV6P75M2T48	K	TENV	115V, 1 PH	3/4	20 to 280	3/4" x 48"	(2) 11.2"	45932	5,998.00
EV6P75T2T48	K	TEFC	230/460V, 3 PH	3/4	280	3/4" x 48"	(2) 11.2"	45934	3,948.00
EV6P75A2X60	L	AIR	—	3/4	20 to 280	3/4" x 60"	(2) 12.8"	45936	3,802.00
EV6P75M2X60	L	TENV	115V, 1 PH	3/4	20 to 280	3/4" x 60"	(2) 12.8"	45935	5,998.00
EV6P75T2X60	L	TEFC	230/460V, 3 PH	3/4	280	3/4" x 60"	(2) 12.8"	45937	3,948.00



Gear-Drive Mixer 45921

* 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

Replacement Lightnin® Mixer Parts

316 SS Shafts

DIA x L	STOCK #	EACH
3/8" x 30"	45263	\$ 156.00
5/8" x 48"	45264	272.00
3/4" x 60"	45265	324.00



316 SS Folding Propellers

BORE x DIA	STOCK #	EACH
5/8" x 3"	45266	\$ 625.00
5/8" x 4"	45267	1,231.00



316 SS A-310 Impellers

BORE x DIA	STOCK #	EACH
3/8" x 3.4"	45268	\$ 275.00
5/8" x 3.8"	45269	285.00
5/8" x 4.5"	45270	302.00
3/4" x 7.6"	45271	369.00
3/4" x 8.8"	45272	398.00
3/4" x 10"	45273	433.00
3/4" x 11.2"	45274	467.00
3/4" x 11.8"	45275	487.00
3/4" x 12.8"	45276	521.00

