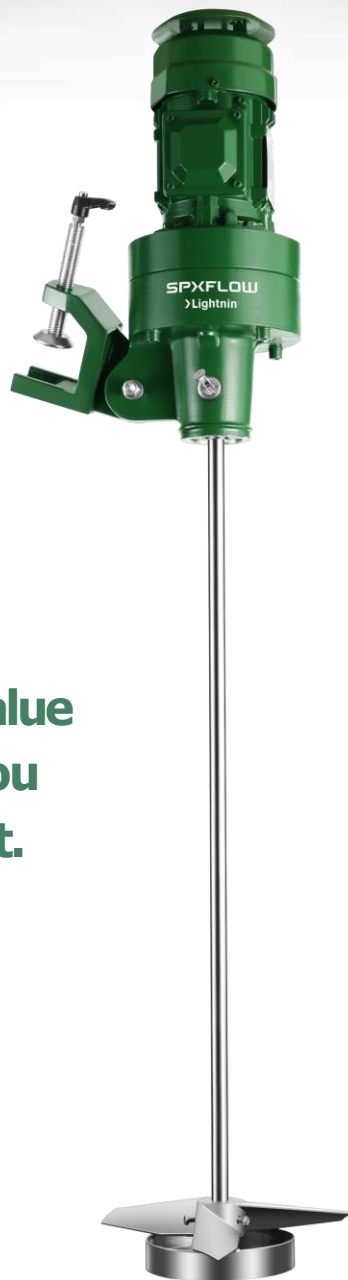


SPXFLOW

EV Series Portable Mixers



*Economy and Value
from a name you
know and trust.*

>Lightnin®

ABOUT SPX FLOW

Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) innovates with customers to help feed and enhance the world by designing, delivering and servicing high value solutions at the heart of growing and sustaining our diverse communities. The company's product offering is concentrated in rotating, actuating and hydraulic technologies, as well as automated process systems, into food and beverage and industrial markets. SPX FLOW has approximately \$1.5 billion in annual revenues with operations in more than 30 countries and sales in more than 100 countries.

Lightnin Overview

As an SPX FLOW brand, Lightnin serves the challenging waste and water treatment sector, as well as the processing of solvents, fertilizers, food/beverages, pharmaceuticals and biofuels. The mixers and agitators, that are custom designed and fabricated, are used for equalization, neutralization, flocculation, aeration, sludge mixing, flash mixing and general blending purposes. The Lightnin industrial mixer portfolio covers both portable and larger fixed-mount units. All Lightnin equipment is designed to provide prolonged trouble-free operation regardless of the specific application demands. Through the proprietary gearbox and impeller technologies developed in recent times, we can offer the market advanced mixing solutions that are far more compact and power-efficient than ever before. They also have significantly greater operational lifespans, thanks to anti-fouling mechanisms and other state-of-the-art features. Consequently, customers are able to raise their productivity levels and avoid costly downtime issues, while also keeping the energy consumption involved to an absolute minimum.

LIGHTNIN EV Mixers. Superior economy and value for single-purpose mixing applications.



Now you can buy just as much mixer capability as you need for your specific application, without having to buy features and options that are more than you require. Plus, you get all the quality and reliability you'd expect from the world leader in fluid mixing technology.

- 280 and 350 RPM Gear Drive units feature lower speeds and higher torque for mixing large batches of low-viscosity fluids or smaller batches of high-viscosity fluids.
- Self-aligning, floating gears optimize load sharing and reduce wear.
- 1,425 and 1,725 RPM Direct Drive units are designed for small batch mixing plus high fluid shear applications.
- Switch, cord and plug are standard on all single-phase, 50/60 Hz, non-explosion proof units.
- Flexible motor coupling reduces mechanical starting loads for extended gear life.
- Permanently sealed lubrication reduces maintenance costs.
- Oversized bearings provide superior shaft support.
- High-flow A310 hydrofoil impeller is standard
- Includes LIGHTNIN's 100% performance guarantee.

Clamp Module (P):

- Bolted onto base module
- Clamps to vessel or stand
- Corrosion-resistant alumina clamp
- 0° to 90° vertical adjustment

Adjustable mounting – control vessel contents swirl for improved mixing



Fixed-Mount Open Tank Module (Q):

Open Tank Plate Module

- Attaches to base module
- Use on open tanks where a seal is not required
- Vertical on center for baffled tanks
 - Vertical offset for unbaffled tanks
 - Can be angular mounted



Angle Riser

Flange-Mount Closed Tank Module:

- Seal Option1:

Module(L): Flange-Mount with Lip Seal

The sealing element is suitable for operating up to 100 °C.

- Seal Option2:

Module(C): Flange-Mount with Stuffing Box

The standard stuffing box is designed for pressures up to 3 bar.

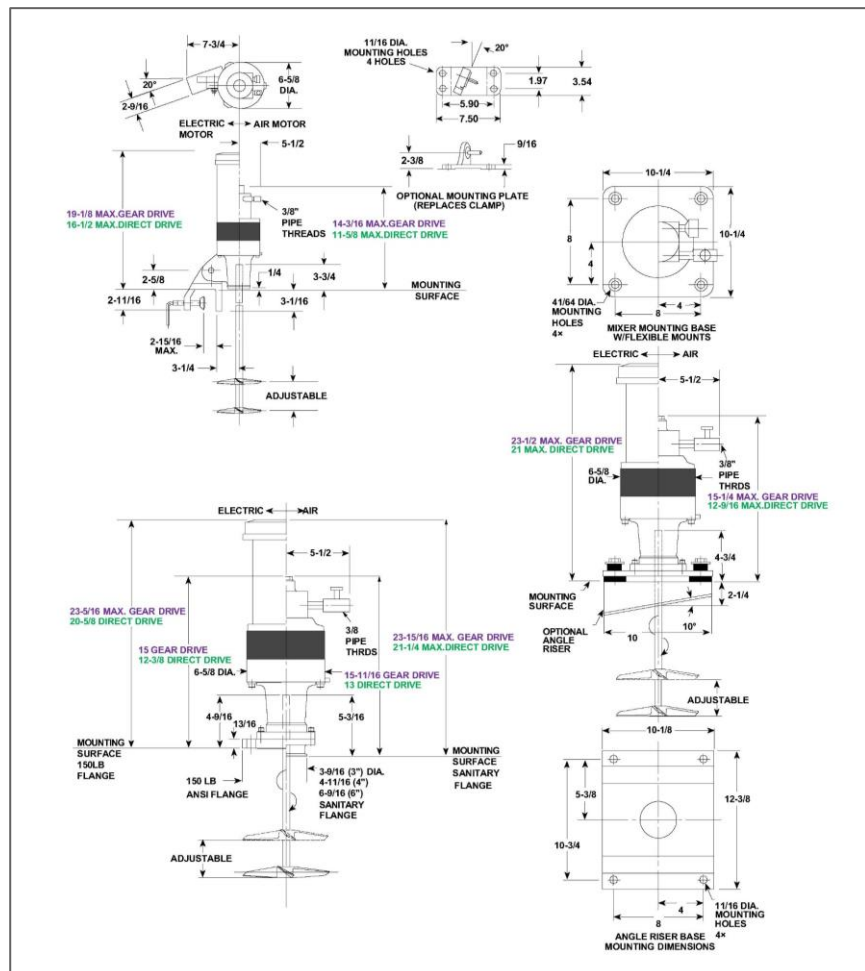


- Seal Option3:

Module(S): Flange-Mount with Mechanical Seal

A typical mechanical seal is a balanced unit which offers positive sealing, operating up to 6 bar. Double balanced mechanical seal and most special sealing arrangements can also be accommodated.

EV dimensional drawing



	Volume(L) Viscosity(cp)	≤200	≤500	≤1000	≤1500	≤2500	≤3500	≤5000	≤7500	≤10000	≤12500	≤15000	≤20000
		A310 Impeller	1	EV1_25 (1) 1- 114	EV1_25 (1) 1- 114	EV1_25 (2) 1- 114	EV1_37 (5) 1- 132	EV5_25 (2) 1- 300	EV5_25 (3) 1- 300	EV5_37 (2) 1- 325	EV5_37 (3) 1- 325	EV5_37 (7) 2- 284	EV5_55 (11) 2- 300
100	EV1_25 (2) 1- 114		EV1_25 (3) 1- 114	EV1_37 (4) 1- 132	EV1_37 (5) 1- 132	EV5_25 (5) 1- 300	EV5_37 (8) 1- 325	EV5_37 (11) 2- 284	EV5_55 (13) 2- 325	EV5_75 (12) 2- 325	EV5_75 (17) 2- 325		
250	EV1_25 (3) 1- 114		EV1_37 (3) 1- 132	EV5_25 (3) 1- 300	EV5_25 (4) 1- 300	EV5_37 (6) 1- 325	EV5_55 (7) 1- 345	EV5_55 (10) 1- 345	EV5_75 (14) 2- 325				
500	EV1_37 (4) 1- 97		EV5_25 (5) 1- 284	EV5_37 (4) 1- 300	EV5_37 (6) 1- 300	EV5_55 (8) 1- 325	EV5_75 (7) 1- 384	EV5_75 (10) 1- 384					
1000	EV5_25 (2) 1- 284		EV5_37 (3) 1- 300	EV5_55 (5) 1- 325	EV5_55 (7) 1- 325	EV5_75 (10) 1- 345							
2500	EV5_37 (3) 1- 239		EV5_55 (5) 1- 267	EV5_75 (7) 2- 254	EV5_75 (10) 2- 254								
A100 Impeller	5000	EV5_55 (4) 1- 254	EV5_75 (7) 2- 239										
	10000	EV5_75 (6) 2- 239											Mixer Model No. Blend Time(Min) No. Imp-Dia(MM)
	15000	EV5_75 (10) 2-196											



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For other Sales locations, click
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or use your SmartPhone and the QR Code.



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