

ULTRA-ZONE®

Forced Air Zone Controls

SUBMITTAL SHEET

Model MA-LF24 Actuator
Model MA-LF120 Actuator

The MA-LF24 and MA-LF120 actuators are easy to install, easy to wire up, and come with a 5 year warranty. The superior design insures long life and no maintenance. The MA-LF series is for On/Off, fail-safe control of dampers with a ½ inch shaft. It also provides true spring return operation for reliable fail-safe operation. The spring return system provides consistent torque to the damper with and without power applied to the actuator. The LF Series provides 95° of rotation and can be stalled anywhere in its normal rotation without the need of mechanical end-switches. Power consumption is reduced in holding mode. The actuator is double insulated so an electrical ground connection is not necessary.

Technical Data

Power Supply

LF24 24VAC ± 20%, 50/60 Hz
24VDC ±10%

LF120 120 VAC ±10%, 50/60 Hz

Power Consumption

LF24 running 5 W / holding 2.5 W

LF120 running 5.5 W / holding 3.5 W

Transformer Sizing 7.5 VA (Class 2 power source)

Electrical Connection 3 ft, 18 GA appliance cable

½" Conduit connector

Torque 35 in-lb [4 Nm]

Shaft / Axle Size ½ Inch

Direction of Rotation CW / CCW reversible mounting

Running Time

Motor <40-75 sec.

Spring Average 30 sec.

Humidity 5 to 95% RH Non-Condensing

Ambient Temperature -22°F to +122°F
[-30°C to +50°C]

Storage Temperature -40°F to +176°F
[-40°C to +80°C]

Housing NEMA 2 / IP54

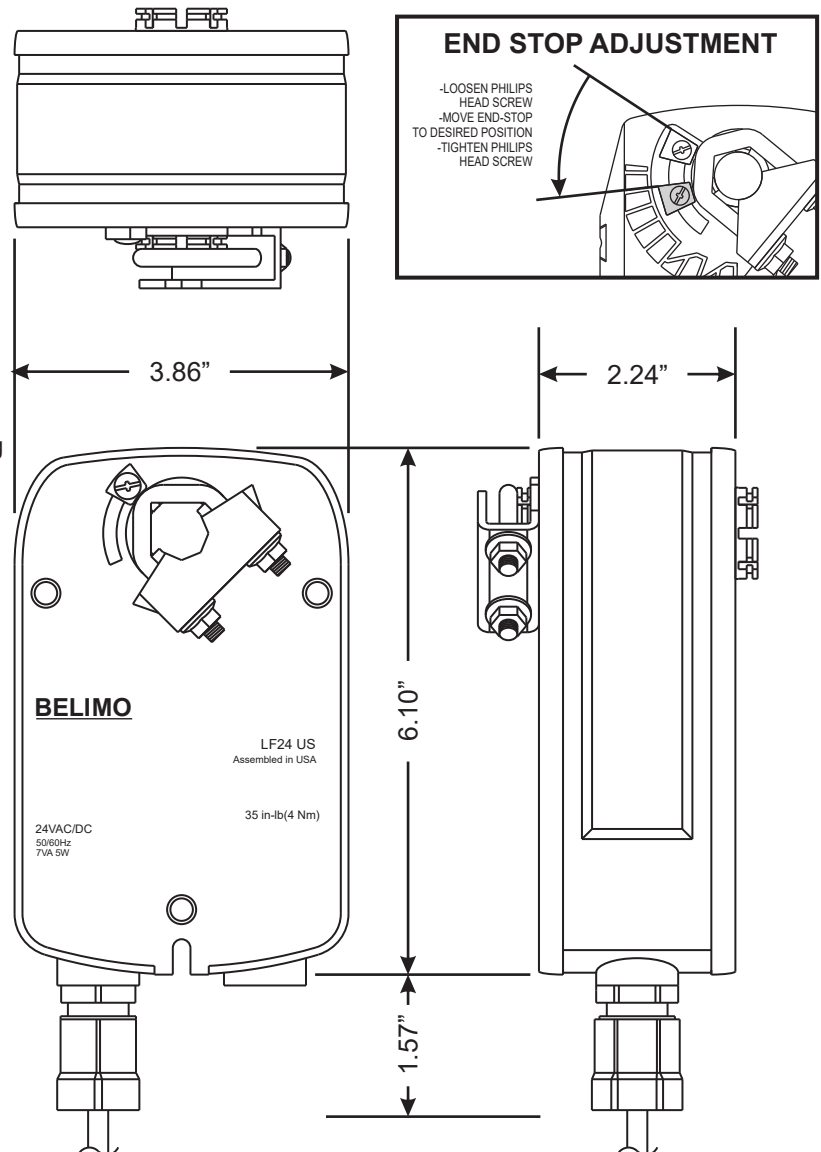
Housing Material Zinc Coated Steel

Agency Listings cULus

Noise Level

Motor <50 db

Spring 62 db



Excellence Without Compromise

EWC
CONTROLS, LLC.

385 Hwy. 33
Englishtown, NJ 07726
Ph: 800-446-3110
Fx: 732-446-5362

SUBMITTAL FORM

SUBMITTED BY: _____

JOB: _____

ARCHITECT: _____

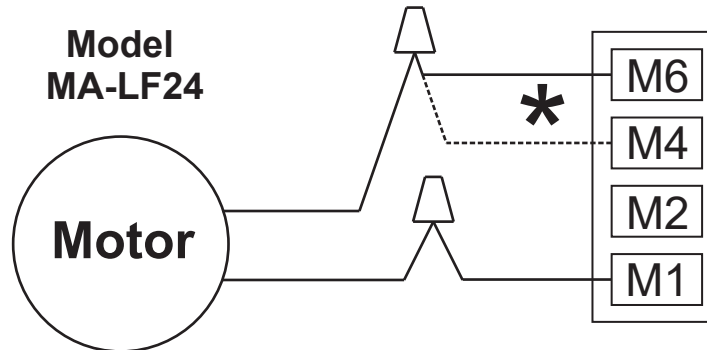
ENGINEER: _____

CONTRACTOR: _____

LOCATION: _____

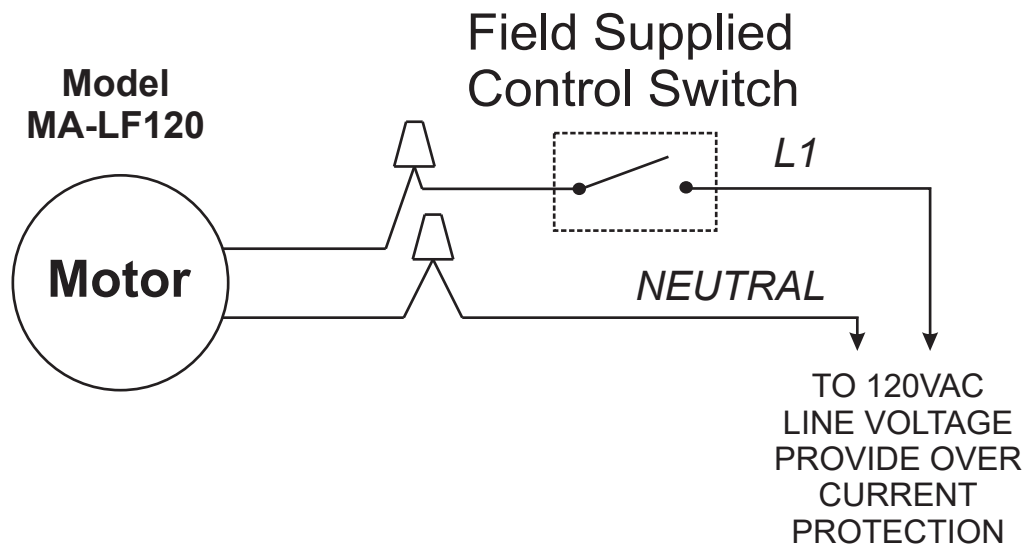
WIRING SOLUTIONS

Wiring to Zone Control



- * WIRE TO M6 IF DAMPER IS POWER CLOSE / SPRING OPEN.
- * WIRE TO M4 IF DAMPER IS POWER OPEN / SPRING CLOSE.

Wiring with Field Supplied Control



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