



INSTALLATION INSTRUCTIONS

U.S. Patent #5,962,825 CAN. Patent #2,008,021

Model # **ME120/MGO20**



IMPORTANT:
READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.

All Miller Sensing Edges are inspected and tested before being shipped to ensure against damage. If the shipping container appears to be damaged, please notify the factory immediately.

MGO20 models ship straight and flat – **Warning:** Do not bend or fold as damage may occur. The ME120 Model may be folded for shipping purposed. Upon receipt, lay out flat and straight until the sensor regains it's normal state.

Place the ME120-C Aluminum Channel or the ME120-PC Rigid PVC Channel in desired location on leading edge of gate, or fixture. Make sure the mounting surface is clean and flat.

Drill a 1/8" diameter hole, starting 3" from the end of the mounting channel every 24" through the bottom of the channel into the mounting surface. The holes should be drilled 1" deep or through the gate tubing.

Attach mounting channel to surface with screws. If mounting surface is metal, use #8 x 1" long flat head screws. Alternate mounting methods may be used as seen fit by the door, gate or fixture manufacturer.

Slide the sensing edge into the ME120-C channel.

For vertical mounting: Drill a 1/8" diameter hole through the side of mounting channel, 2" from the top. Screw in #10 x 1/4" pan head tapping screws.

For horizontal mounting: Drill 1/8" diameter hole in the side of the ME-120-C Aluminum Channel, 2" from the top. Screw in #10 x 1/4" pan head tapping screws.

This will hold the sensing edge in place and prevent it from sliding out of the ME-120-C channel.

Wire the sensing edge into controls as specified by the control manufacturer. ALWAYS ADHERE TO THE LOCAL AND NATIONAL ELECTRICAL CODE SPECIFICATIONS WHEN WIRING SENSING EDGE AND OTHER CONTROLS.

Adjust the equipment to which the sensing edge is attached so that the edge is never compressed more than 1/4". Test the edge with the gate closed. The edge should show an open circuit. If the circuit is closed, readjust close limit so the edge circuit is open.

If no wiring directions exist, consult the Miller Edge Engineering Department at (800) 220-EDGE, for wiring directions and assistance.

VERY IMPORTANT: After installation, check sensing edge and wiring to make sure the sensing circuit is working properly.

ATTENTION INSTALLER

It is strongly recommended that you advise your customer to observe good maintenance practices by including a check of the entire length of the sensing edge in their equipment maintenance manuals. The sensing edge should be checked periodically (at least once per month) for any signs of damage, cuts, loss of sensitivity or water damage. When the sensing edge is compressed 1/2" along any portion of its length, starting 2" in from the ends, it will send an electrical signal to controls. If this does not occur, contact the equipment installer immediately for assistance. If the installer is not available, contact the Miller Edge Customer Service Department at (800) 220-EDGE for assistance.

DO NOT operate equipment without a properly working and correctly wired sensing edge attached.