



**Application**

The ZG-105 universal mounting bracket is designed for applications where the actuator cannot be mounted directly to the damper shaft, and no proper mounting surface is available. It may be used for outside or inside the duct mounting. The ZG-105 is designed to mount the NM series actuators in the same mounting locations as common foot mounted, crankarm style actuators.

The ZG-105 is provided with pre-punched hole patterns for use with the NM series actuators with the AH-25 crankarm adaptor kit. The hole pattern allows mounting these actuators in two different mounting orientations.

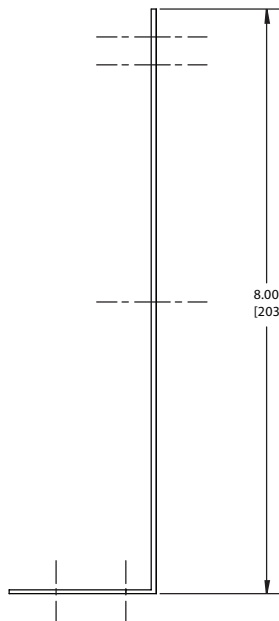
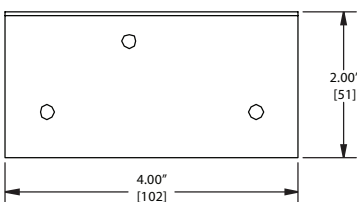
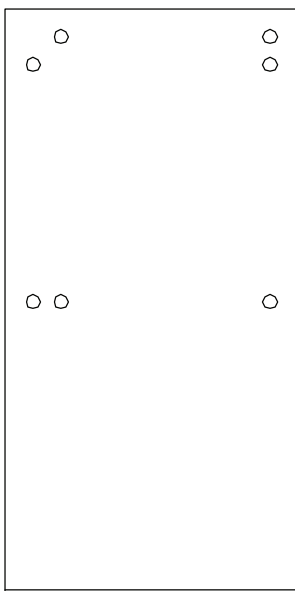
**Installation**

1. Position the ZG-105 mounting bracket in the planned mounting location. If possible, do not fasten at this time. The ZG-105 can be mounted by using the three 9/64 inch diameter holes in its base. Additional holes may be drilled if necessary.
2. Using a number 10 tamper-proof torx screwdriver, remove the four torx head screws on the base of the actuator.
3. Position the actuator in the desired mounting location against the ZG-105 and locate the existing hole pattern for the actuator mounting.
4. Align the screw holes in the base of the actuator to the selected hole set in the ZG-105 and fasten the actuator to the bracket using the four screws removed in step 2.
5. Mount the NM crankarm into the universal mounting clamp at the desired starting angle. Fasten the ZG-105 to the mounting surface.
6. Install the crankarm linkage between the actuator and damper.
7. Cycle the actuator through its operational range to verify correct linkage setup. The NM actuator series may be manually operated without power available.

**Other Universal Mounting Brackets**

Model	Actuator
ZG-100	AM, GM, NF, AF
ZG-101	AM, GM, NF, AF
ZG-102	GM, AF
ZG-103	AM, GM
ZG-104	AM, GM
ZG-106	NF, AF
ZG-107	NF, AF
ZG-108	NF, AF

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MATERIAL: 16 GA GALVANIZED STEEL  
WEIGHT: 0.7 LBS