

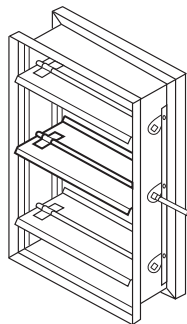


DAMPER OPERATORS

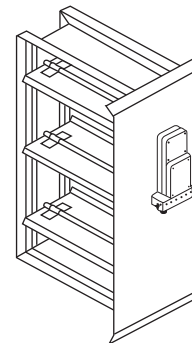
© 1999 NCA Manufacturing

Both electric and pneumatic damper operators are available from NCA Manufacturing and may be factory installed (see methods below) with either our SCD, SSD & FSD series control dampers, smoke dampers, and combination fire/smoke dampers. We are constantly expanding our Underwriters' Laboratories listings and therefore recommend that you contact the factory for the appropriateness (i.e. size limitations, torque, and temperature) of a given fire/smoke application. Control dampers may be shipped with factory installed motors provided we have the following information: 1. damper/duct size; 2. maximum velocity; 3. maximum static pressure; 4. application (shut-off, balancing, or modulating damper); 5. location of operator (internal or external); 6. pneumatic or electric system.

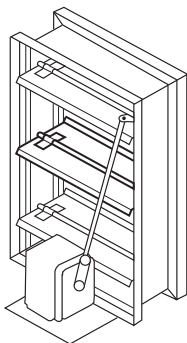
DAMPER OPERATORS - 02-05 (DAMPER OPERATORS)



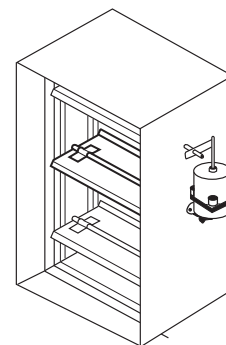
Dampers may be furnished without an operator but with an extended shaft for on site attachment to motor.



Dampers may be furnished with factory installed mounting plate (insert type: designation IT) either with operator or extended shaft for on site attachment. Operator mounted out of airstream.



Dampers may be furnished with operators mounted inside duct with factory installed internal motor mount.



Dampers may be furnished with factory installed sleeves and with operators mounted outside or inside air stream. Minimum sleeve depth 10"

Manufacturer's Recommendations

All moving parts of the damper must be inspected and cycled at intervals not greater than every six months and in accordance with the latest edition of NFPA 90A, 92A, local codes and the actuator manufacturer. In addition, fuse links shall be removed and inspected for corrosion. Dry lubricants are recommended.

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.