

The NFPA recommends that fire dampers and smoke control systems be tested periodically. See NFPA 90A and NFPA 92A for test details.

These dampers are an essential part of the fire protection system in a building. Owners should develop a greater awareness of the life and property protecting abilities of these systems and establish a planned maintenance schedule. Failure to maintain proper conditions of cleanliness in air duct systems and carelessness with repair operations have been important contributing causes of several fires that have involved air conditioning systems. The following recommendations apply, in general, to year round operation of the system; systems operating only part of the year should be given a thorough general checkup before starting operation and again after shutting down.

The maintenance interval will vary widely depending on duration of system operation, condition of fresh air, amount of dust in return air, and other factors. The intervals given are intended to be maximum and should be shortened if system conditions warrant. Consult your local building code to verify whether there is a required maintenance schedule.

1. Each damper should be inspected at least every two years to see that it is not rusted or blocked by an obstruction of any kind, which could interfere with the operation of the blades, giving attention to moving parts. Any obstructions must be eliminated. Clean off excess dirt build-up.
2. Tie-bar linkage and jackshaft bearing brackets should be lubricated with a dry lubricant (such as T.F.E. Dry Lube). Never use a regular lubricating oil on dampers, as it will attract dirt and grit. Blade linkage is concealed in the side jamb out of the airstream and is maintenance free. Bearings are self-lubricating oilite bronze.
3. Cycle damper with its actuator or quadrant handle, as applicable, to verify that it fully opens and closes. It is desirable to operate dampers with normal system airflow to assure that they are not held open by the airstream. Care should be exercised to ensure that such tests are performed safely and do not cause system damage.
4. Refer to manufacturer’s recommended maintenance procedure for pneumatic and electric actuators.

SPARE PARTS LIST		PART NUMBER
Fusible Links: Model 1200,1250	165°F/74°C	B2-037
	212°F/100°C	B2-038
Blade Seal: Model 1260, 1270	Stainless Steel	B2-681
Blade Seal: Model 1280	350°F/177°C Silicone	TES20-1S



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