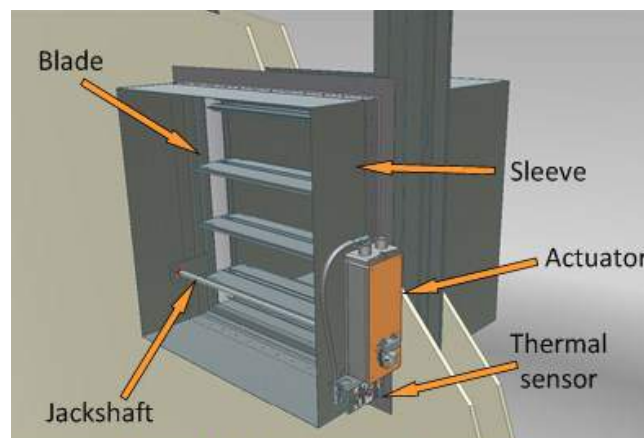
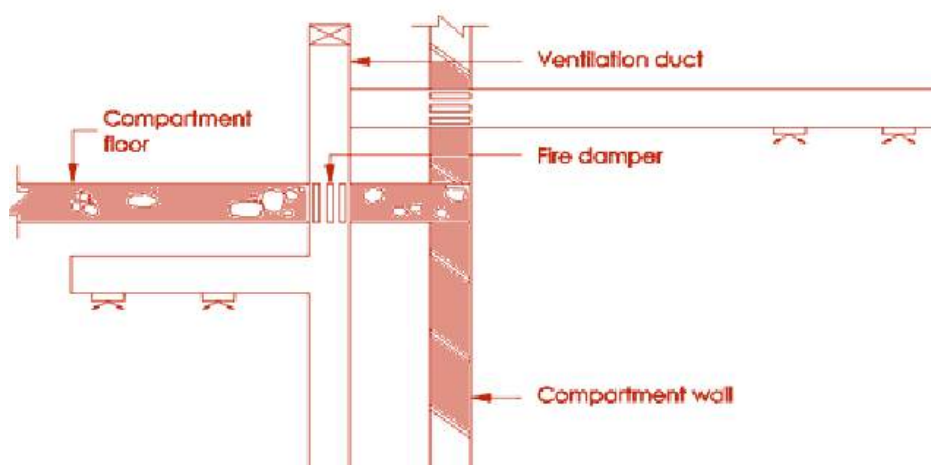


Table 10.1.: Components of Smoke Control and HVAC Systems

ITEMS	REQUIREMENTS
8. FIRE DAMPERS	<p><b>5. ACTUATION OF FIRE DAMPER</b></p> <p>i. The fire damper actuation device shall meet the following requirements:</p> <ol style="list-style-type: none"> <li><b>MSFD</b> actuation shall be through the smoke control panel or HVAC panel or FACP, depending on the design strategy.</li> <li>The fusible link operating temperature shall be approximately 50°F (10°C) above the normal temperature within the duct system, but not less than 160°F (71°C).</li> <li>The operating temperature shall be not more than 350°F (177°C) where located in a smoke control system.</li> </ol>



**FIRE DAMPER FOR ILLUSTRATION**



**Figure 10.8.: Fire dampers provided in ducts penetration through fire compartments.**