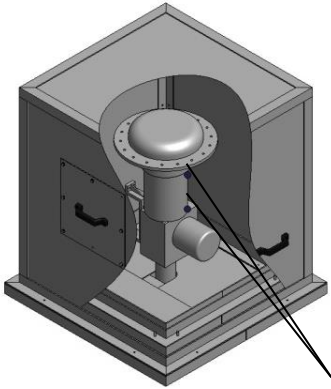
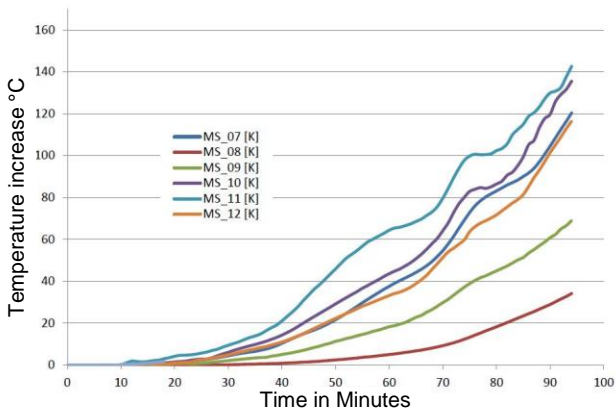


FIRE SHELTER

4 UL1709 Test Data/Results



Surface temperature- measuring point (MS_07/MS_08) on the test sample



MS_07- MS_12: Surface temperature measured on the inside top surface

Illustrated is the rise of the temperature on the inner surfaces. The chart shows that the maximum allowable temperature of 60°C on the test sample surface was not reached until well after 60 minutes (with an exit temperature 20°C).

The test chamber temperature was at 1200°C (as per UL 1709)



Valve Fire Shelter in test chamber at 1200°C/ 2000°F



Valve Fire Shelter after test >60 min. at 1200°C /2000°F



Valve Fire Shelter before start of test



Valve Fire Shelter Internally after >60min. at 1200°C/2000°F

