

Water Resistant Test for Schwab Corp. 2 and 4 Drawer Vertical Files:

Tools/Equipment

1. Spray Test Stand designed to UL50 intent. Diagram attached.
2. Water hook up with psi read out.
3. Clock.

Setup

1. Place File Cabinet in test location.
2. Verify file cabinet is level +/- 1 degrees.
3. Scale with a resolution of 0.1 grams.
4. Kimberly-Clark Wypall paper towels.
5. Clock.
6. Thermometer, temperature range for test 50°F to 90°F.
7. Place Kimberly-Clark Wypall paper towels in each file drawer, sufficient to cover entire bottom surface, obtain weight of Kimberly-Clark Wypall paper towels, record weights for each drawer, place Kimberly-Clark Wypall paper towels back in bottom of drawer.
8. The keylock should be in the unlocked position and the key removed.

Method

1. Position Spray Stand such that focal point of spray nozzles is at the vertical and horizontal centerlines of top drawer.
2. Center nozzle tip should be positioned 55 inches from the focal point, measured along a 45 degree angle as indicated in the attached diagram.
3. Cover test unit with a waterproof tarp.
4. Turn on water and adjust each nozzle to a delivery pressure of 10 psi.
5. Once at 10 psi uncover test unit and conduct spray test for one hour, maintaining the test pressure at 10 psi.
6. At 1 hour, shut off Spray Stand.
7. Wipe down file cabinet, paying close attention to jamb areas.
8. Open each file drawer, weigh the Kimberly-Clark Wypall paper towels in each drawer, recording weights for each drawer separately.
9. Subtract start weight of Kimberly-Clark Wypall paper towels for each drawer from finish weight for each drawer, record grams difference. This will be amount of water that entered file drawer in grams

Specification

Schwab Corp. 2 and 4 Drawer Vertical Files shall withstand being sprayed with water as detailed above for 1 hour, maximum allowable leakage 15 grams of water per drawer. If any one drawer exceeds 15 grams leakage the test is deemed a failure.