

**TEST REPORT AS PER COMPLIANCE STANDARDS WITH U.S CPSC SAFETY STANDARDS  
FOR CLOTHING STORAGE**



**1. Maximum hand holding height = 4.12 Feet or Less = (2.69 Feet )**



**2. Distance of extendable drawer extension from fulcrum = 0.82 Feet**



**3. Drawers filled with weight = 8.5 Pound per cubic feet of functional volume-(1/8 inch)  
= 8.5 (2 x 0.85 x 0.46 ) - (0.125) = 6.5 Pounds  
Fill weight in each drawer = 6.5 Pounds**



5. Horizontal distance of extendable drawer from the centre of force to fulcrum = 0.95 Feet



6. Tip force = 16.5 Pounds



5. **Tip-over moment** = Force applied x Horizontal distance from the centre of force to fulcrum  
= 16.5 Pounds x 0.95 Feet = 15.67 Pound-Feet

6. **Threshold moment :**

**A) CRITERION 1 -**

(55.6 Pounds times extendable drawers extension from the centre of force to fulcrum (0.82 feet)  
+ 26.6 = **72.19 Pound-Feet**

**B) CRITERION 2 -** 17.2 Pounds x hand holding height (2.69 Feet) = **45.58 Pound-Feet**

The applicable criteria will be Criterion 1 since it is greater than Criterion 2

**Result :**

**Tip-over moment < Threshold moment**  
( 15.67 Pound-Feet) (72.19 Pound-Feet)

**Conclusion :**

This unit does not need stability requirements.