

## MULTI-DIRECTIONAL ALUMINUM SUSPENSION SYSTEMS

Acousti-Seal<sup>®</sup> Operable Partitions are available with Aluminum Multi-Directional Suspension Systems

The RT100 and RT200 were developed by improving on existing partition suspension technology. Modernfold identified modes of failure on similar products in the field and addressed those concerns in route to greatly improved systems. The trolleys were cycle-tested for performance in straight runs and intersections and proven to perform well beyond their planned warranty period.

Trolleys (carriers) consist of two counter rotating wheels with steel thrust bearings. The carriers for these Multi-Directional systems permit panels to traverse L, T, or X intersections easily, without mechanical switching.

The RT100 is ideal for multi- directional single panel systems up to 1050 lbs per panel with two trolleys per panel. To ensure optimal performance, the maximum height for this system is 18-feet\*.

The RT200 is ideal for multi- directional single panel systems up to 1600 lbs per panel with two trolleys per panel. To ensure optimal performance, the maximum height for this system is 24-feet\*.

\*Custom engineered solutions available above maximum height.

**2.6 Suspension System (select one)**

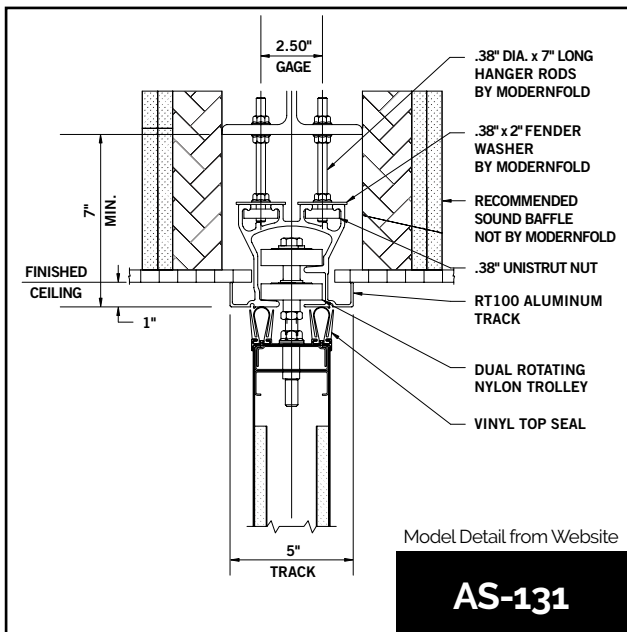
**A. RT100 Multi-Directional Suspension System**

1. Suspension Tracks: Precision heat-treated extruded aluminum. Track to be supported by pairs of 3/8-inch (10mm) diameter threaded rods.
  - a. Exposed track soffit: Aluminum, integral to track:
    - i. Pre-painted off-white.
    - ii. Clear anodized aluminum.
2. Carriers: Shall have horizontal counter-rotating wheels with heavy duty steel thrust bearings. Carriers permit panels to traverse L, T, or X intersections without mechanical switching.

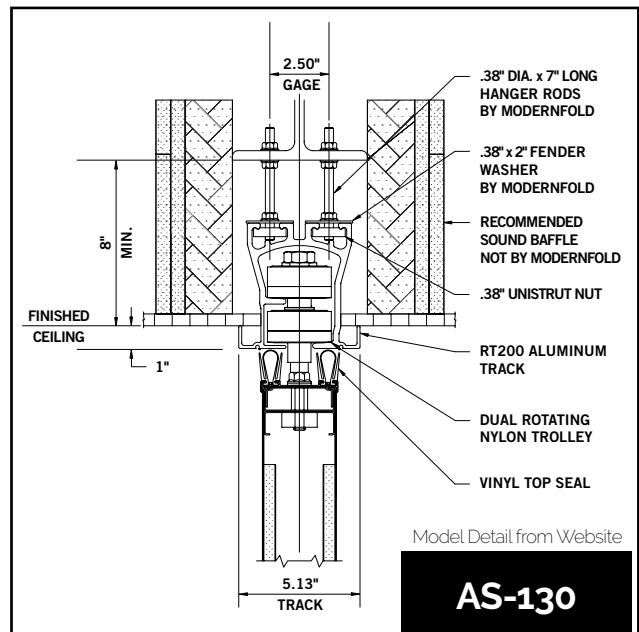
**B. RT200 Multi-Directional Suspension System**

1. Suspension Tracks: Precision heat-treated extruded aluminum. Track to be supported by pairs of 3/8-inch (10mm) diameter threaded rods.
  - a. Exposed track soffit: Aluminum, integral to track:
    - i. Pre-painted off-white.
    - ii. Clear anodized aluminum.
2. Carriers: Shall have horizontal counter-rotating wheels with oversized, steel reinforced, heavy duty steel thrust bearings. Carriers permit panels to traverse L,T, or X intersections without mechanical switching.

RT100 Multi-Directional Suspension System



RT200 Multi-Directional Suspension System



Optional 5-1/2-inch gage hanger brackets available.