**GL SERIES FRAMELESS GLASSWALL SPECIFICATIONS**

**SUMMARIZED SPECS**

The product shall be **HUFCOR GL Series** Glass wall manufactured by HUFCOR Inc. or her subsidiaries. The 12mm tempered glass panels are top hung without floor rails or floor guide. The top and bottom horizontal frame shall be 40mm thick; of a clear anodized architectural grade extruded aluminum alloy 6063-T6 incorporated with a brush light seals. Glass shall be mechanically attached to top and bottom rails and not rely on friction and/or adhesive

**FULL SPECIFICATIONS**

1.02 PRODUCT CONSTRUCTION DETAILS

1. The product shall be HUFCOR GL Series Frameless Glass Wall manufactured by either HUFCOR INC and/or subsidiaries
2. PANEL CONSTRUCTION
3. The top and bottom horizontal frame shall be 40mm thick; of a clear anodized architectural grade extruded aluminum alloy 6063-T6
4. Glass shall be mechanically attached to top and bottom rails and not rely on friction and/or adhesive
5. All glass edges shall be polished and glass panel faces shall be a choice of

a. 12mm fully tempered glass

b. 12mm laminated glass

c. Other optional glass (Contact Hufcor directly)

1. Top and bottom horizontal rail shall be anodized aluminum and incorporate brush light seals.
2. Glass faces shall have no vertical trim. To prevent adjoining glass from touching during panel setup. Size of gap varies due to glass tolerances.
3. Each panel contains a surface or edge floor pin which is extended into a floor mounted receiver to stabilize and secure each panel in the opening
4. SUSPENSION SYSTEM
5. Track shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6 (no steel track will be allowed or accepted).
6. Track design shall provide integral support for adjoining ceiling, soffit, or plenum sound barrier.
7. Panels are completely top-supported. Floor tracks are not acceptable nor permitted
8. The panels are top hung with: (select as required)
9. Omni direction design, Each panel shall be supported by two 2-wheeled ‘counter-rotating” horizontal carriers.
10. Paired-design; Each panel shall be supported by center hung “one 4-wheeled carrier”
11. Wheels to be of precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires (DELRIN) that are capable to negotiate square or angled corners smoothly without switches.

1.03 OPERATION

1. Panels shall be manually moved from the storage area, positioned in the opening, and either edge activated or face activated floor pins set.