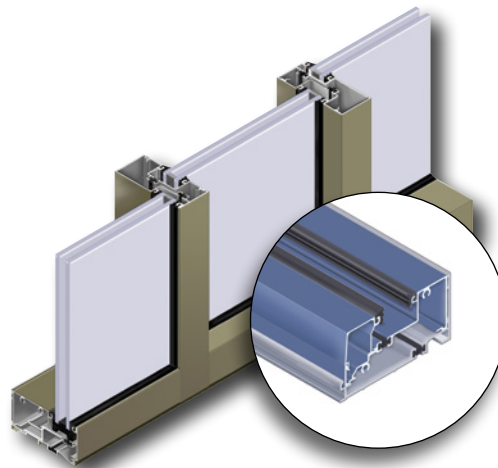


Series 3000 Thermal Multiplane— the versatility of standard storefront systems with improved thermal performance

The Series 3000 Thermal Multiplane extends the versatility of standard storefront systems by offering **improved thermal performance** and multiple glass plane options. The Series 3000 Thermal Multiplane provides more options for head and sill anchorage, **structural silicone glazing** and a front set installation option utilizing continuous head and sill members. Designed for 1" infill, the Series 3000 Thermal Multiplane has available glazing adapters and gasket options for infills ranging from 1/4" to 1-1/8".



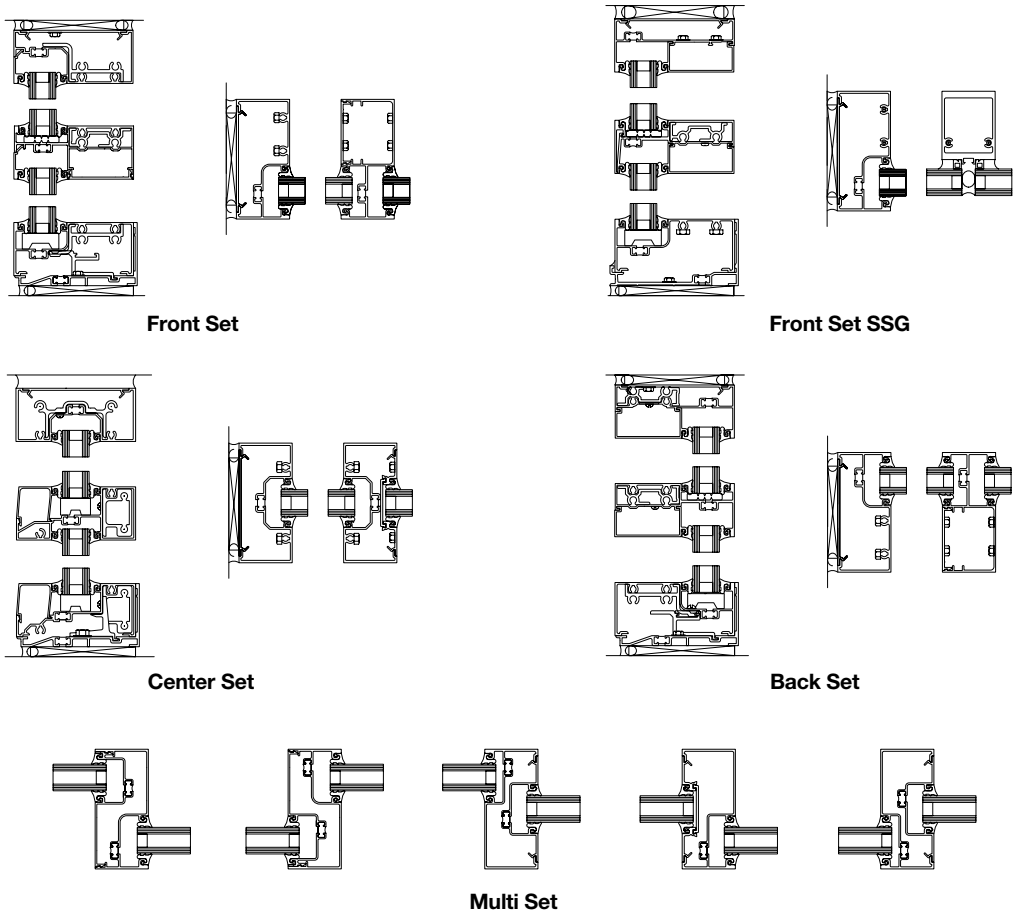
First Community Credit Union, St. Louis, MO
Architect: TR,i Architects

Features

- Overall system dimensions: 2" x 4-1/2"
- Front Set, Center Set, Back Set or Multi Set glazing configurations
- Optional sill receptor requires no additional anchoring of sill member
- Optional thermally broken head anchor clip
- SSG glazing with patented funnel bridge option for Front Set
- Continuous head and sill assembly option for Front Set
- Screw spline and shear block assembly
- Outside and inside glazing options Complete
- 90° and 135° corners
- High sidelite base
- Thermally broken members with polyurethane thermal breaks
- Accommodates projected and casement vents
- Factory painted Kynar 500®/Hylar 5000® finishes, meeting all provisions of AAMA 2605
- Factory anodized finishing



Product Details



Performance

- Air Infiltration: <.06 CFM/SQ FT @ 6.24 PSF per ASTM E283
- Static Water: 10 PSF per ASTM E331
- Deflection Load: 40 PSF per ASTM E330
- Structural Load: 60 PSF per ASTM E330
- STC per ASTM E90:
 - 32 with clear glass (Center and Front Set)
 - 37 with laminated glass (Center Set)
 - 38 with laminated glass (Front Set)
- OITC per ASTM E90:
 - 26 with clear glass (Center and Front Set)
 - 30 with laminated glass (Center and Front Set)
- Thermal Performance per AAMA 1503 for Low-E 1" insulating glass:
 - U-factor = 0.33, CRF = 68 Captured (Front Set)
 - U-factor = 0.31, CRF = 72 Captured (Front Set SSG)
 - U-factor = 0.32, CRF = 63 Captured (Center Set)
- NFRC Certified and Thermal Performance Characteristics per AAMA 507