

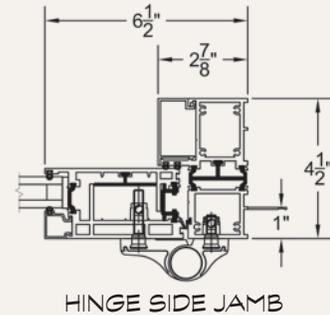
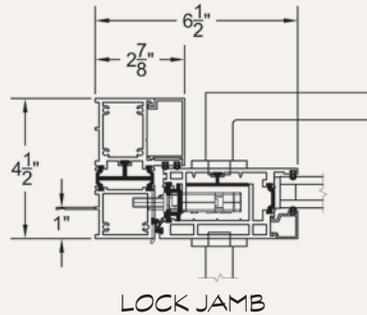
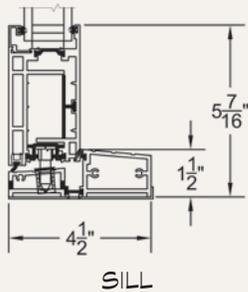
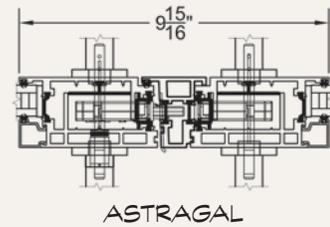
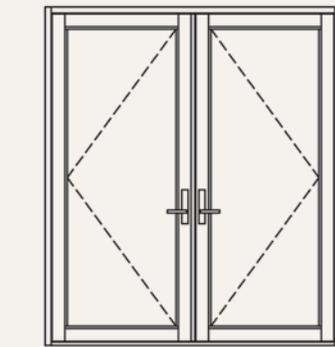
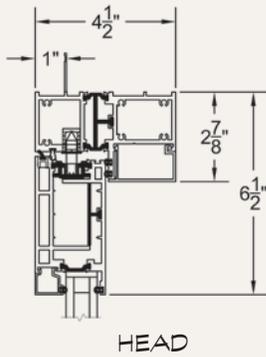
**SERIES 3900-T**

**“THERMAL FRAME” LUXURY HOME HINGED DOOR**



TYPICAL CONFIGURATIONS	← MAX PANEL WIDTH	↑ MAX PANEL HEIGHT	☀ EXAMPLE SHGC	❄ EXAMPLE U-FACTOR
<ul style="list-style-type: none"> <li>• H, HH, OH, OOH, OHO, O/HH.</li> </ul>	55.875"	144"	<sup>2</sup> NFRC: 0.13 <sup>3</sup> S.P.A.: 0.16	<sup>2</sup> NFRC: 0.38 <sup>3</sup> S.P.A.: 0.28

ELEVATION VIEW:  
HH CONFIGURATION



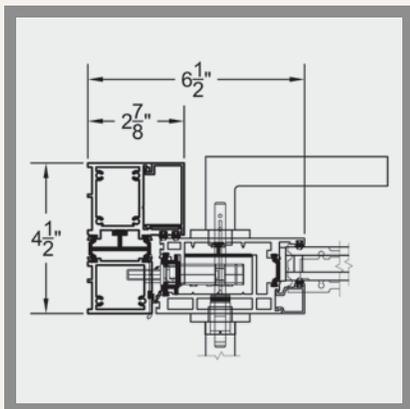
<sup>2</sup>Specimen size: Nom. 38" x 82".  
<sup>3</sup>Simulated Performance Alternative size: 96" x 120" HH using SNX62/Argon/SNX62/Argon/IS20 triple glazing.





## DESIGN NOTES

- “Thermal Frame” aluminum extrusions.
- Modern architecture butt joint corners.



### Sleeker Sightline:

Take note of the “boxy” theme in all extrusions for the Series 3900-T. Each perimeter frame and vent extrusion was designed with the purposeful intention of creating a hinged door that has the engineering fortitude to accommodate large openings, e.g. 96" x 120", yet retain clean, hard lines with a flush face.



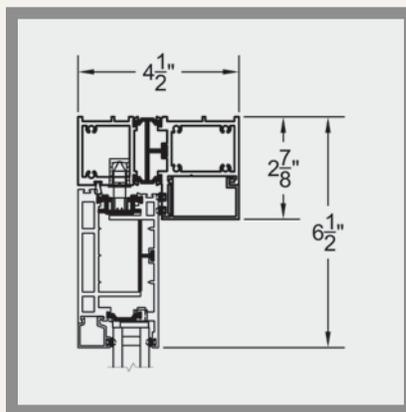
### Corner Strength:

Another design enhancement is butt joinery instead of mitering, because it offers a look more consistent with modern architecture. In order to achieve this feature, we needed an exceptional corner key. From the image above, you can begin to appreciate the strength of each corner as you consider the mass of the key. The wall thickness exceeds 5/16" in most locations and penetrates 4-1/4".



### Outstanding Sizes:

The Series 3900-T was designed to span an opening of up to 80 square feet with only two panels. In addition to the robust extrusions and corner design, the 3-way adjustable *Savio* hinges make large openings possible.



### “Thermal Frame” Technology:

The Series 3900-T thermal barrier is a modern technology called “Strut.” This contemporary process joins two extrusions together with a high resin “strut” instead of pouring and de-bridging a single extrusion. We selected this newer technology because it offers greater extrusion design flexibility without compromising thermal performance.