

# Tubelite® 900RW Thermal Window Wall

Tubelite's 900RW Series offers solutions for between slab strip window applications. The 2-1/4" wide system is available in 4-1/2" and 6" depths. Glazing options include all captured, silicone glazed verticals, and exterior glazing for spandrel areas.

Optional integrated slab edge finishes off the building's exterior, and head and sill starters enable complete installation from the inside of the building. The single or dual thermal break option help ensure project energy compliance at the best value.

## Labor Savings with Thermal Performance

The single or dual cavity pour and debridge ultra-thermal barrier with Azon's Lancer™ Mechanical lock improves performance where more stringent energy codes apply.

Thermi=Block® Curtainwall, Storefronts and Entrances compliment the system providing a complete package that's easy to fabricate and install.

The 900RW Series Thermal Window Wall is available with Tubelite's high recycled aluminum content, Ecoluminum, and environmentally friendly paint and anodized finishes from Linetec.

**Thermi=Block®**  
HIGH-PERFORMANCE THERMAL FRAMING

**TerraPorte 7600**  
Terrace Door

ALSO  
USED  
WITH

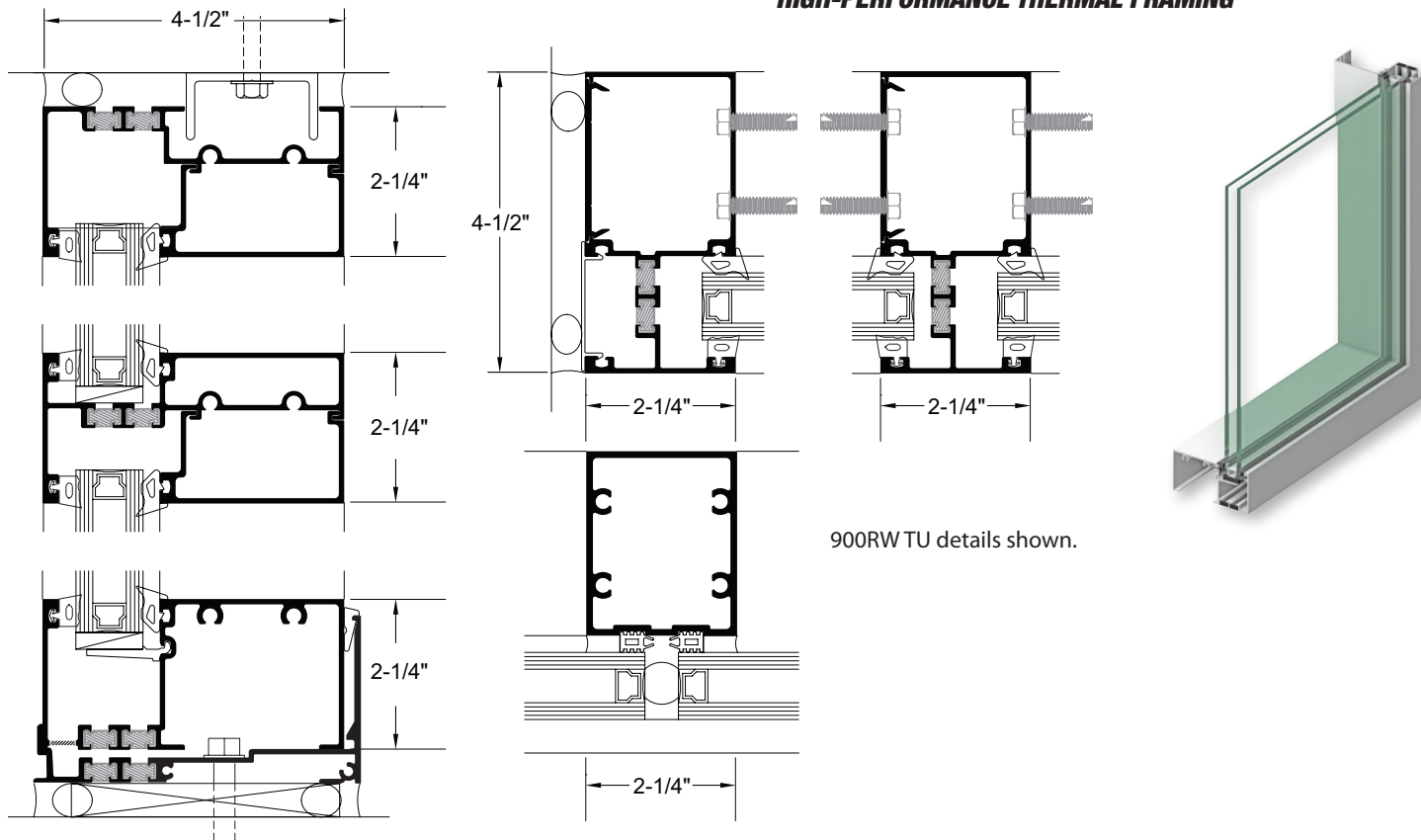
**Phantom Vent 5000**  
Projecting Operable Window

Project: Centrum Bucktown, Chicago, IL, Erector: Northern Glass, Finish: Clear Anco

**TUBELITE®**  
**DEPENDABLE**

LEADERS IN ECO-EFFICIENT STOREFRONT,  
CURTAINWALL AND ENTRANCE SYSTEMS

# Tubelite® 900RW Thermal Window Wall



900RW TU details shown.

### System Features:

- Single or dual cavity pour and debridge ultra-thermal barrier options help ensure compliance to project energy requirements. See U-Factor and CRF performance data below.
- Stick fabricated with screw spline construction.
- Captured and silicone glazed verticals.
- Can be used with MaxBlock sun shades.
- Head and sill starters, slab edge covers, interior and exterior glazing.

### Performance Test Standards

|                        |   |
|------------------------|---|
| <b>Air Performance</b> | ASTM E 283                                |
| <b>Water</b>           | AAMA 501.1, ASTM E 331 and ASTM E 547     |
| <b>Structural</b>      | ASTM E 330, ASTM E 501.4 and ASTM E 501.7 |
| <b>Thermal</b>         | AAMA 1503 and NFRC 102                    |
| <b>Acoustical</b>      | AAMA 1801 and ASTM E 1425                 |
| <b>Thermal Cycling</b> | AAMA 501.5                                |

### Tubelite® 900RW Window Wall Product Specifications

**Application:** Office, mixed use, healthcare, education, between slab system, interior and exterior glazing.

**Description:** 2-1/4" x 4-1/2" or 6" exterior set, screw spline construction, thermal or dual thermal, field or shop glazed window wall.

| Face Width: | Overall Depths: | Glass Thickness: | Air Infiltration:        | Static & Dynamic Water: | Structural:                          | CRF:                     | U-Factor**:                              | Sound Movement:   | Interstory Liveload: | Product Approval: (non-impact)    |
|-------------|-----------------|------------------|--------------------------|-------------------------|--------------------------------------|--------------------------|--|-------------------|----------------------|-----------------------------------|
| 2-1/4"      | 4-1/2" & 6"     | 1"               | 0.06 CFM/FT.2 @ 6.24 PSF | 15 PSF                  | 40 PSF – Design<br>60 PSF – Overload | Single – 68<br>Dual – 72 | Single – 0.35<br>Dual – 0.33<br>NFRC 100 | 31 STC<br>25 OITC | +/- 1/2"             | FL21062-R1 (FPA)<br>CWSF-55 (TDI) |

\*\* U-Factor per NFRC 100. Refer to the U-Value table at: [www.tubeliteinc.com/products/window-wall/](http://www.tubeliteinc.com/products/window-wall/)

DISCLAIMER: Tubelite takes no responsibility for product selection or application, including, but not limited to, compliance with building codes, safety codes, laws, merchantability or fitness for a particular purpose; and further disclaims all liability for the use, in whole or in part, of this product brochure in preparation of project specifications and/or other documents. Product brochures are subject to change at any time, without notice, and at Tubelite's sole discretion. ©2017 Tubelite Inc.

122722



LEADERS IN ECO-EFFICIENT STOREFRONT,  
CURTAINWALL AND ENTRANCE SYSTEMS