# THERMALLY-BROKEN INSULATED STEEL SANDWICH DOOR



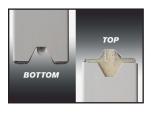
#### **END STILES**

White painted end stiles are 4" or 8" wide to accommodate double or single-end hinges.



#### PRINGS

Torsion springs are helically wound with stress relieved, oil-tempered wire



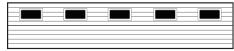
#### SECTION JOINT

Section joints are gasketed and thermally-broken for a tight weatherseal.

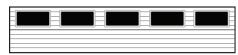
## OPTIONAL WINDOW DESIGNS

24" SECTION HEIGHT





24" x 12"



34" x 16



FULL-VIEW

20-GAUGE MODEL 3212, Thermally-Broken Insulated Steel Back

#### SECTIONS

- Features four evenly spaced micro-grooves that run horizontally across each section.
- 2" thick sections are foamed in place with polyurethane for superior R-value
- Thermally-broken to eliminate thermal convection
- Gasket seal between sections provide for an extremely tight weatherseal
- Concealed steel back-up plates run from top to bottom of each section for secure hardware attachment
- Bottom "U" type astragal is a standard feature
- · Available in white

#### TRACKS

- Tracks are 2" or 3", as specified
- Available in bracket mount, angle mount, clip angle mount, 12" radius, 15" radius, high lift, vertical lift, roof pitch, or dual track low headroom

## HARDWARE

- Package includes 11-gauge or 14-gauge hinges, as specified
- 2" or 3" short-stem or long-stem ball bearing rollers
- Heavy-duty adjustable top roller brackets

### **SPRINGS**

- Torsion springs are helically wound with stress relieved, oil-tempered wire
- · Springs are individually-calibrated for each door
- Counter-balance torsion shafts are galvanized for rust resistance
- · High cycle spring options may be specified

## **INSULATION TYPE**

- Foamed-in-place CFC free polyurethane core
- DASMA TDS-163 calculated R-value\* 15.76



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WHITE

**Note:** Refer to samples at your local C.H.l. distributor for exact color match.



Wind can be unpredictable and destructive, which is why we developed our super-resilient Windbreaker Series. Windchamber-tested for increased wind-load resistance, this extra-sturdy series provides enhanced defense against the elements.

# VISIT YOUR DOOR PROFESSIONAL AT:

C.H.I. Overhead Doors are manufactured in Arthur, Illinois, USA





This Model utilizes a heavy 20-gauge exterior and 27-gauge interior steel skins injected with urethane insulation. The thermally-broken tongue and groove section joint includes a continuous weather seal offering exceptional protection from the elements.

Model 3212.....R-value\* - 15.76

\*Calculated door section R-value is in accordance with DASMA TDS-163.

All information presented is based on the specifications and features available at the time of printing and is subject to change without notice.