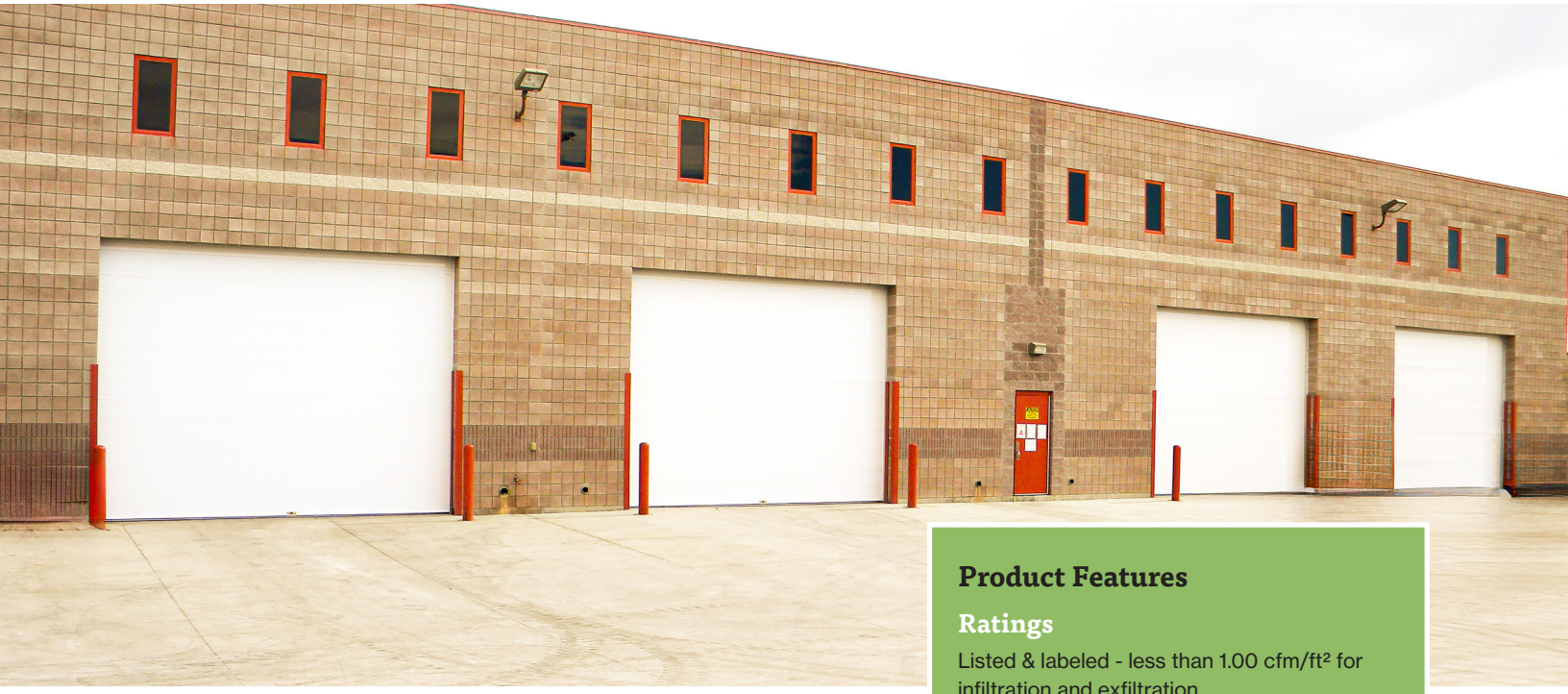
ENERGY & CLIMATE CONTROL DOOR SYSTEM



AirShield®
Model AL3014

Vertical Coiling Service Doors -

Air Leakage Rated

The McKEON® AirShield® Model AL3014 is tested, listed and labeled to ANSI/DASMA 105-17, DASMA 112 and ASTM E283-19 for air infiltration and exfiltration.

Product Features

Ratings

Listed & labeled - less than 1.00 cfm/ft² for infiltration and exfiltration

Optional:

Thermal protection with an R Value up to 8.0

Code Compliance

2024 IECC: International Energy Conservation Code

Size

Widths to 24' & heights to 48'; for larger sizes and custom configurations consult the factory

Finishes

Clear Anodized

Powder Coat of any color as selected

This technology has patents pending.

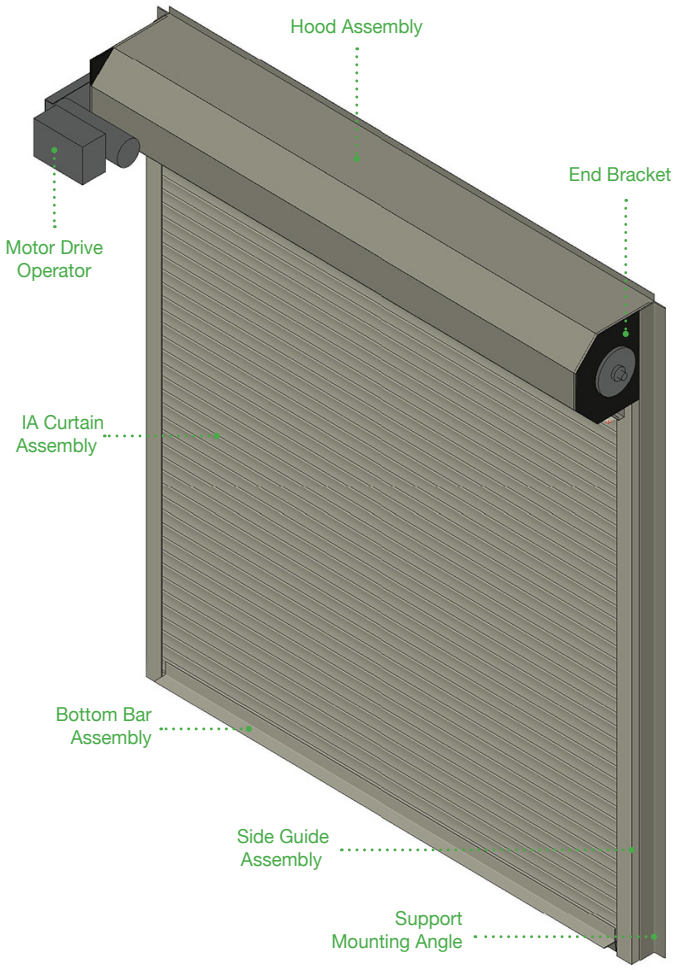
The 2024 International Energy Conservation Code (IECC), and previous editions, require rolling door assemblies to be tested and labeled for a maximum air leakage of 1.00 cfm/ft² when tested in accordance with ANSI/DASMA 105 or ASTM E283 at 1.57 psf. Air leakage is defined by the IECC as:

AIR LEAKAGE. The uncontrolled airflow through the building thermal envelope caused by pressure differences across the building thermal envelope. Air leakage can be inward (infiltration) or outward (exfiltration) through the building thermal envelope.

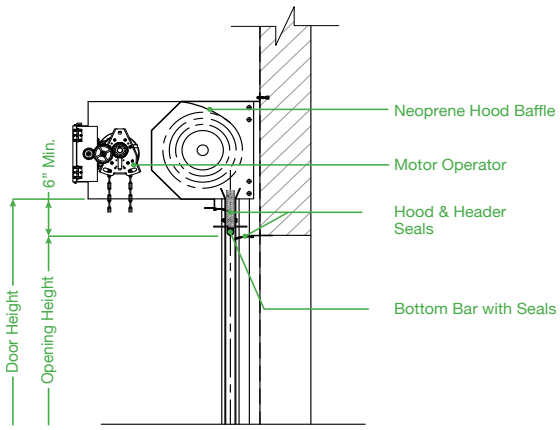
The McKEON® AirShield® Model AL3014 is a revolutionary product designed to improve energy efficiency by complying with the IECC and other similar energy codes and standards. When insulated, the extruded aluminum slats also provide superior thermal and sound transmission performance making it the perfect choice for climate control and overall ambiance of the space.

AL3014

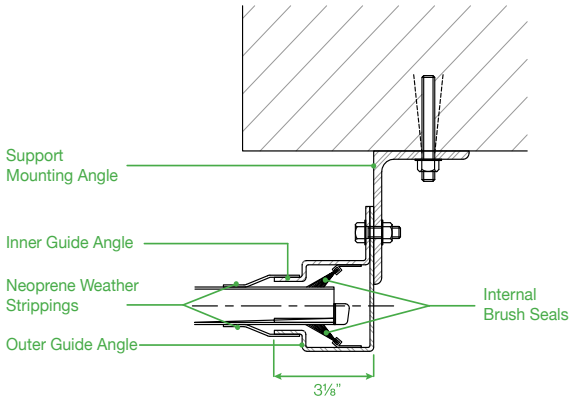
ENERGY & CLIMATE CONTROL DOOR SYSTEM

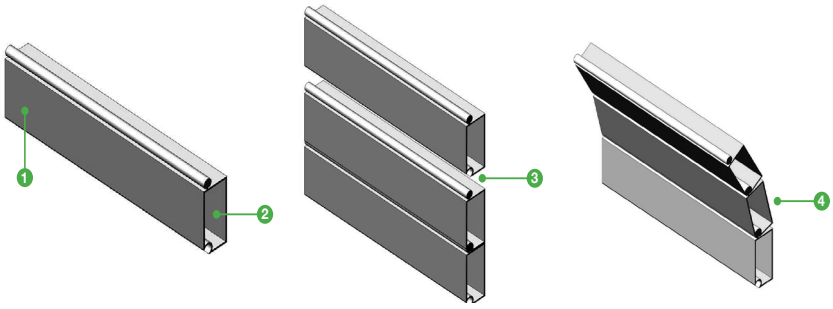


HEAD DETAIL SECTION



FACE OF WALL MOUNT GUIDE DETAILS





1. Extruded 14-gauge aluminum slats
2. Insulated for climate control *(Optional)*
3. Each slat is solidly fitted for a tight seal
4. Flexible joints for smooth operation

MODEL	OPEN/CLOSE	FUNCTION
AL3014	**Power or Manual* Operator**	Vertical coiling door - air leakage rated

*Manual hand chain or hand crank operation is available, but it is limited by size, please consult the factory

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AL3014