

CLOPAY COMMERCIAL – MODELS 3158, 3159 architectural series



Model 3159, 16'2" x 14' Door; Shown with 42" x 16" Lites

POLYSTYRENE INSULATED STEEL FULL-VIEW DOORS

Clopay Models 3158 (stucco embossed, flush surface) and 3159 (stucco embossed, minor ribbed surface) steel insulated full view doors are designed for commercial, retail, restaurant and industrial facilities where ease of maintenance, visibility, energy efficiency and durability considerations are important.

- 1-3/8" thick, three layer steel + polystyrene + steel construction. Steel bonded to polystyrene foam for durability, energy efficiency and quiet operation. Thermally broken. 6.5 R-value.
- Three-stage paint process delivers a virtually maintenance-free finish.
- Injection molded lite frames with integral weatherseal are durable and seal against the elements. Two window frame sizes with many glazing options to provide desired visibility, privacy or energy efficiency.

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Steel skins are protected through a tough, layered coating system, including a hot-dipped galvanized layer, a protective metal oxide pretreatment and a baked-on primer and top coat.

PANEL DESIGN



COLOR OPTIONS



*Additional charges apply.
Due to the printing process, colors may vary.

CUSTOM PAINT OPTION



Color Blast® finish offers more than 1,500 Sherwin-Williams® color options to complement your building design. This durable two-part paint system has been thoroughly tested and is backed by a five-year warranty.

Due to solar reflective formulation to meet greater than a 38 LRV, some colors may not be available.

FEATURES

- STANDARD HARDWARE
- TPE astragal in corrosion-resistant retainer
- Commercial 10-ball steel rollers (nylon tires available)
- Steel step plate and lift handle
- Galvanized steel end stiles
- Inside slide lock for increased security
- 2" (50.8 mm) or 3" (76.2 mm) track
- 10,000 cycle springs
- Galvanized aircraft cable with minimum 7:1 safety factor
- Variety of track configurations to meet building specifications

MATERIALS AND CONSTRUCTION	
Panel Thickness	1-3/8" (34.9 mm)
Insulation	1-3/8" (34.9 mm) bonded polystyrene
R-value	6.5* (solid) 3.4* (fully glazed with insulated glass)
U-Factor	0.30† (solid) 0.44† (fully glazed with insulated glass)
Air Infiltration Rate	0.41 cfm/ft²
Thermal Break	Continuous silicone filled
Exterior Steel	27 gauge (.016" min.) (.41 mm)
Interior Steel	27 gauge (.016" min.) (.41 mm)
Exterior Surface	Stucco embossed, minor ribbed (3159) Stucco embossed, flush (3158)
Max Width	18'2" (5.5 m)
Max Height	16' (4.9 m)
Exterior Colors	Standard White, Almond, Desert Tan, Sandtone, Bronze, Chocolate, Mocha Brown, Charcoal, Black, Gray and Trinar® White. Also available in Color Blast®.
Interior Color	Standard White
Limited Warranties	10-year standard paint 5-year delamination 5-year Color Blast® finish 1-year material and workmanship

*R-value is impacted by the number of windows and window type per section
Calculated door section R-value is in accordance with DASMA TDS-163.

†Tested door U-Factor is in accordance with DASMA 105.

For special sizes, applications and options, consult customer service at 1-800-526-4301.



For more information on these and other Clopay products, visit clopaycommercial.com. Architects and specifiers, visit architectdoorhelp.com.



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ADDITIONAL OPTIONS

WINDOW OPTIONS



Models 3158 and 3159 are available with 1/8" clear tempered, 1/8" frosted tempered, 3/4" insulated tempered and 3/4" frosted insulated tempered glass. Additional glazing options include: frosted, obscure, and narrow reed.

HEAVY-DUTY HARDWARE (where not standard)



Double-end hinge

3" Track

Outside keyed lock

MULLIONS



Carry-away, roll-away or swing-up mullions are available on select sizes.

SAFE-T-STOP™ CHAIN HOIST



Hand chain hoist with an integral braking system providing controlled descent for sectional doors.



WindCode® design pressure (DP) up to 14 PSF depending on size. Models tested 50% greater than DP.



Upgrade your standard door with industrial-grade components.

APPLICATION RATINGS

Car Wash/Corrosive Environments	★★
Fire Station/Ambulance	★★★★★
Service Station	★★★★★
Cold Storage/Condition Space	★★
Car Dealership	★★★★★
Restaurants	★★★★★
High Security	★★★★

HIGH CYCLE SPRINGS



25,000, 50,000 or 100,000 cycle springs available.

CODE COMPLIANT

This Clopay door complies with the 2015 IECC (International Energy Conservation Code) with an air infiltration rating of .40 cfm/ft² or less (IECC, Section 402.5.2), and also meets the U-Factor requirement of .37 or less (IECC, Section C402.4, for Climate Zones 1 through 8).

