

Dynaco S-631

Rigid Door

DiscDrive
Disc driven technology



inside & outside door

Dynaco S-631

The Dynaco S-631 is a fast aluminum door that enhances security by minimizing downtime. Its high-strength panels are designed to be quickly and easily replaced in the event of an impact. Its unique disc drive technology uses fewer moving parts, reducing wear and ensuring reliability.

A low-headroom version, S-631-LH requires just over 22 inches of clearance above the door, allowing for retrofit into tight spaces.

This door is perfect for customer-facing applications, such as auto dealerships, parking garages, hotels, convention centers and anywhere else requiring security and reliability.

■ DISC DRIVE TECHNOLOGY

Unique drive system keeps the door running smoothly even with hundreds of cycles per day. Minimal moving parts ensure greater reliability.

■ SECURITY

Reinforced, high strength aluminum slats provide the ultimate in security. If impacted, individual slats can be replaced in less than 15 minutes, reducing downtime.

■ AESTHETICS

Architecturally and visually striking aluminum slats with optional clear window slats or perforated slats for multiple appearance and circulation/ventilation options.

■ SAFETY

A light curtain built into the side frames can detect the presence of an obstruction and reverse the door.

A wireless sensor on the door bottom automatically stops and reverses the door if it detects an obstacle.

■ SPEED

Speed improves productivity, increases traffic flow, and lowers energy costs. The S-631 opens at 96" per second. The S-631-LH opens at 78" per second.

■ SEALING

Highly engineered side frames prevent air, water, dust, pests or other contaminants from entering your controlled space when the door is closed.

Safe



Easy maintenance





CONTROL SYSTEM

Reliable and easy to use, Dynaco's control system includes:

- a variable frequency drive for smooth starts and stops, reducing wear and tear
- an absolute encoder for precise positioning
- I/O for the wireless receiver and other attached systems
- an E-stop and electrical disconnect for safety
- the programmable Dynalogix controller



Individual components are simple to troubleshoot and cost-effective to replace ensuring a long operational life with minimal maintenance costs.

CHARACTERISTICS

Min. dimensions	S-631: W 4'-0" x H 8'-0" S-631-LH: W 6'-0" x H 6'-2"
Max. dimensions	S-631: W 17'-0" x H 16'-0" S-631-LH: W 20'-0" x H 10'-0"
Opening speed Closing speed	S-631: 96 inches per second S-631-LH: 78 inches per second 24 inches per second
Structure	Galvanised steel Spring covers in galvanised steel standard
Door blade	Double wall aluminium slats Optional window slats
Motor	4 poles, with parking brake - power: 1,1 kW
Control box	DYNALOGIX II door controller, fused rotary disconnect, 24 vac control transformer and variable frequency drive
Safety device	Standard light curtain integrated in the side frame. Active height = 72 inches
Bottom edge detector	Wireless DYNACO detector (WDD).
Power supply Frequency	Three phase 208 (S-631 only), 230 vac 20A, 460 vac - 10A, and 575 vac - 6A Frequency: 50-60 Hz

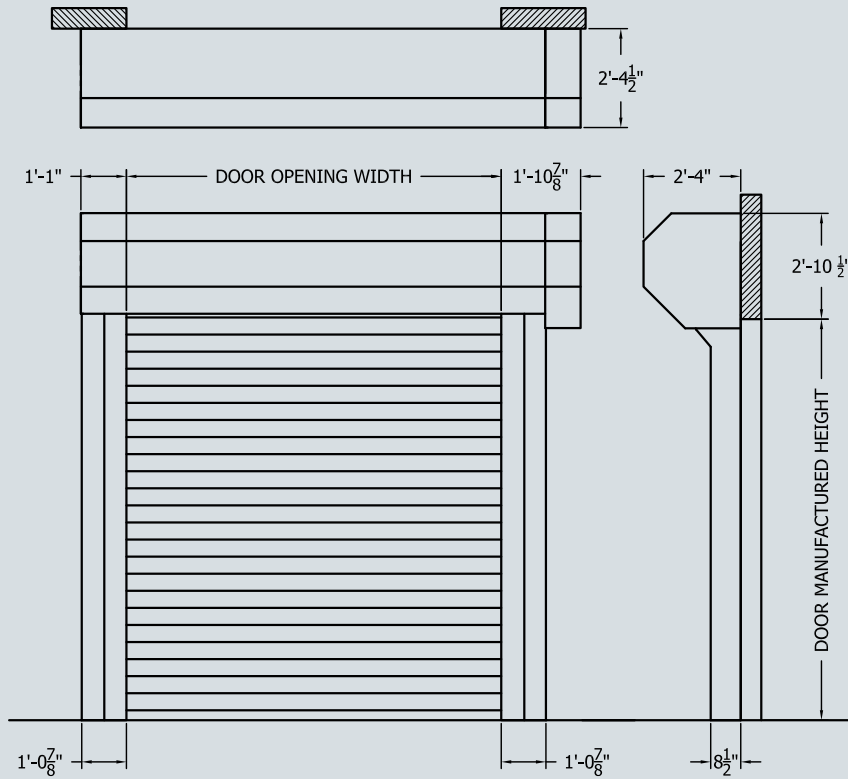
Burglar proof



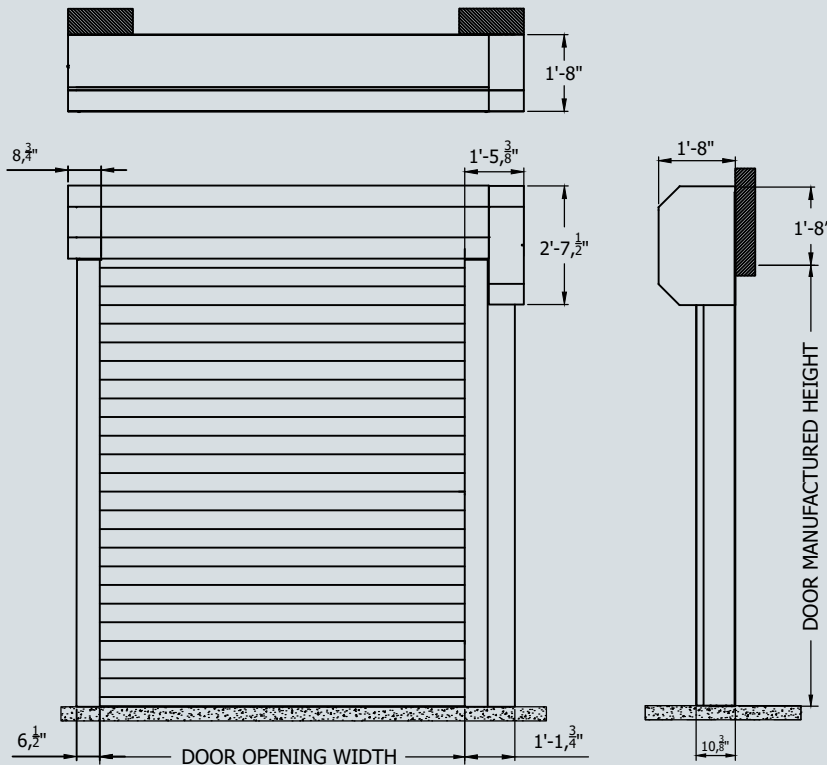
Disc Drive view



Dimensions for Dynaco S-631



Dimensions for Dynaco S-631-LH



All indicated dimensions are net: the space necessary for mounting and maintenance has to be provided. Based on a risk analysis of the environment, extra push buttons, detectors and covers might be required.

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