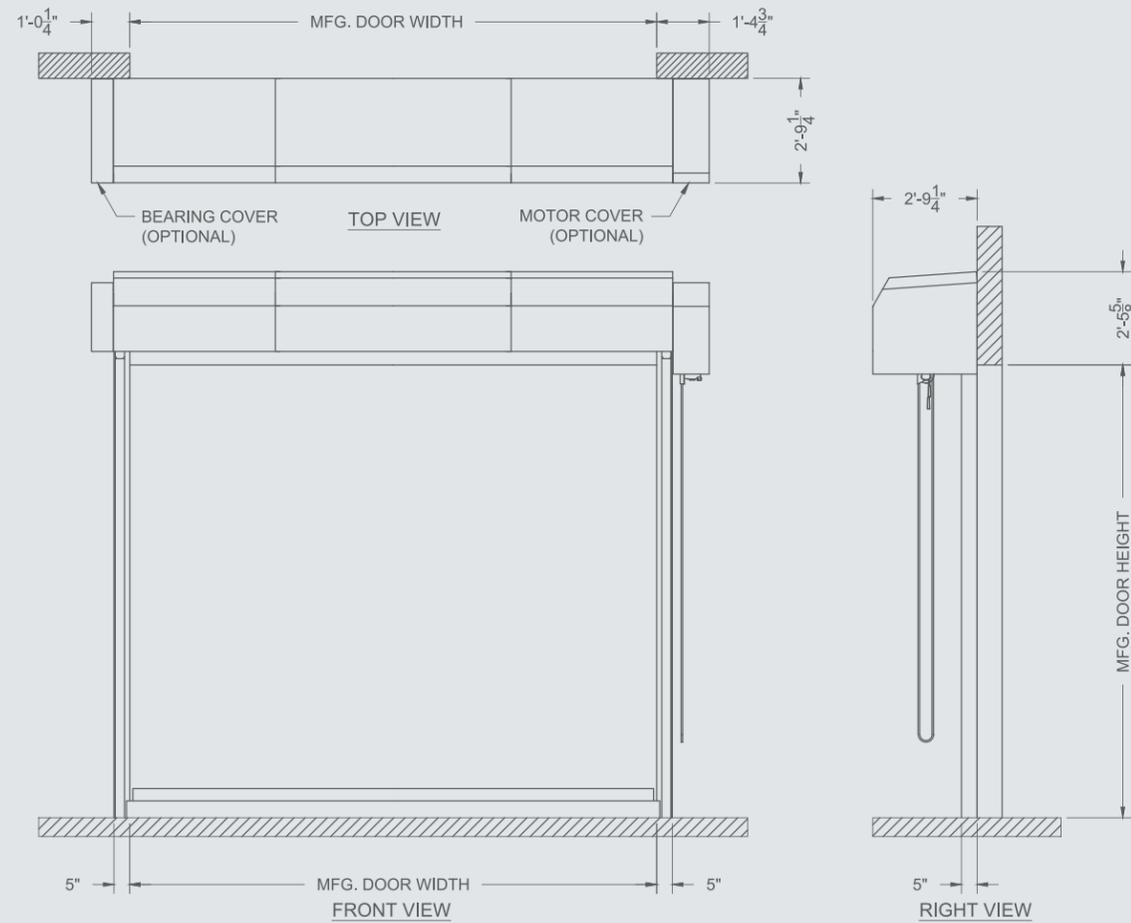




Dimensions and installation requirements
DYNACO S731 HIGH PERFORMANCE DOOR



All indicated dimensions are minimum space requirements for installed door.
Note: Based upon individual environmental safety considerations, extra safety components such as push buttons, detectors and covers may be required.



Entrematic offers a comprehensive range of products for industrial, commercial, institutional and residential applications, including sectional doors, loading dock equipment, high-performance doors, residential garage doors, pedestrian door automation and openers. Built on nearly 200 years of accumulated expertise, Entrematic is the preferred partner of distributors and the number one choice of end user customers, providing innovative products, technical expertise and a portfolio of industry-leading brands including Amarr, Kelley, Serco, Dynaco and Ditec. Entrematic, Amarr, Kelly, Serco, Normstahl, Dynaco, Ditec and EM, as words and logotypes, are examples of trademarks owned by Entrematic Group AB or companies within the Entrematic Group.

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**DYNACO S731
HIGH PERFORMANCE DOOR**

**Gravity
driven**
low friction technology



exterior door

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DYNACO S731 HIGH PERFORMANCE DOOR

The DYNACO S731 High Performance Door is specifically designed for abusive environments where uninterrupted functionality, reliability and performance is critical to maintaining maximum workflow, environmental control, safety and efficiency.

This DYNACO S731 combines the extreme durability with a refined design, improved aesthetics and the proven reliability of the DYNACO DYNALOGIX II control system. Together, the robust systems and design provide years of reliable high performance.

Like all DYNACO doors, you get industry-best perimeter sealing, edge retention without wind-bars, a fully self-repairing break-away feature, and a standard light curtain for unmatched safety.

- SUPERIOR SEAL MEANS PERFORMANCE UNDER EXTREME PRESSURE**
 Our patent pending continuous wind-lock sealing system withstands high static wind pressure. The continuous wind lock design provides greater wind resistance and durability while eliminating the need for wind bar systems.
- SELF-REINSERTING**
 In the event of an accidental hit to the door, the curtain assembly will release from the side columns. A simple push of a button will cause the curtain to re-insert itself, thus maintaining consistent operation.
- COMPOSITE BOTTOM BAR**
 Unlike conventional formed steel or extruded aluminum bottom bars, the DYNACO S731 composite bottom bar is resistant to damage or corrosion.
- INDUSTRY LEADING DRIVE AND CONTROL**
 Springless, direct drive powertrain, controlled by an industrial grade, modular design DYNALOGIX II control system (with fully sealed absolute encoder and variable frequency drive), means smooth, consistent operation where productivity, reliability and safety are paramount. Simply put, the DYNACO S731 gives you "brains and brawn" in a single door.
- LIFETIME CURTAIN WARRANTY**
 Durable SBR (Styrene Butadiene Rubber) curtain fabric comes with a limited lifetime warranty on manufacturing defects.

- SMALL FOOTPRINT**
 Packing all this strength and ingenuity into a rugged 5" x 5" x 3/8" thick steel side column and self supporting header assembly is engineering at its finest. The new generation side guide and edge retention system requires the smallest clearances in the industry and is easy to install and maintain.
- SPEED**
 With opening speeds up to 60" per second, the DYNACO S731 provides industry leading energy savings, environmental control and workflow productivity.

TECHNICAL SPECIFICATIONS	
Door Dimensions	Minimum: 10' W x 10' H Maximum: 30' W x 35' H
Operating Speed	Up to 60" per second open Up to 24" per second closing
Safety Features	Safety light curtain. Wireless safety system, no coil cords.
Door Panel	SBR rubber panel: 2 layers of Styrene Butadiene Rubber (SBR) with polyester cord center. Breaking strength 1100lbs/in/ply. Available in black or tan color. EPDM Rubber Panel Optional. Available in blue or gray color.

Gravity driven
low friction technology



exterior door

TECHNICAL SPECIFICATIONS	
Door Components	Springless System Direct Drive Unit. Side frames self-supporting, heavy duty 3/8" painted steel. Idler 6 5/8" diameter steel tube. Drive drum 8 5/8" diameter steel tube. Complying with ASTM A513. Bottom bar impact resistant fiberglass. Manual Egress chain hoist.
Control and Drive System	UL approved control system housed in NEMA 4/12 enclosure. DYNALOGIX II controller with variable frequency drive and high resolution encoder. Voltage: 3 phase 208-240 VAC, 480 VAC, 575VAC. Motor 3.35HP, 3ph, 60Hz. Protection degree NEMA 3.
Light Curtain	Standard light curtain eliminates downward contact of objects in door path. Full through-beam light curtain up to 6' tall.

Side guide with curtain



Bottom Bar Assembly



DYNALOGIX II control system



.25" thick SBR fabric

