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DYNACO D-411

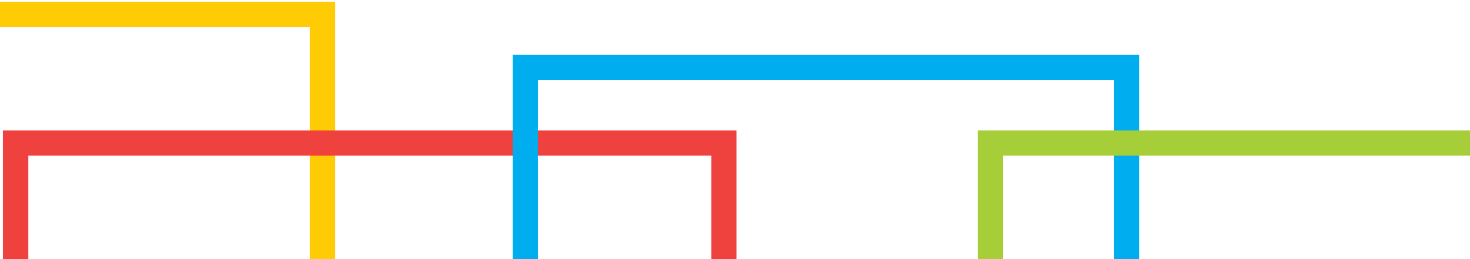
**Gravity
driven**

zipper edge technology



inside door

www.dynacodoor.com



DYNACO D-411

The Dynaco D-411 is designed for mid-sized inside applications with intensive use and subject to draughts. It requires little space and protects your environment against draughts, humidity, dust and dirt.

Operating speed improves your traffic flows and provides employee comfort and environmental control.

The Dynaco D-411 operates fast, smooth and silently. The frequency inverter driven motor assures a smooth operation.

- **OPENING SPEED:**
Up to 1,6 m/s. (optional up to 2 m/s)
- **CRASH FORGIVING AND SELF-REINSERTING WITHOUT INTERVENTION:**
The curtain automatically reinserts itself when dislodged. No repair costs, no production down time.
- **USER SAFETY:**
Flexible curtain without rigid elements.
- **COMFORT OF USE:**
DYNACO wireless detector at the bottom.
- **ADVANCED DRIVE:**
Frequency driven motor and encoder for smooth operation and reliability. Wearable elements are reduced to a minimum.
- **DYNALOGIC CONTROL BOX:**
User-friendly control box with self-diagnosis.
- **CONFORM TO EN13241-1**

Easy repair



Zipper edge technology



Gravity driven

zipper edge technology

inside door



EN13241-1 STANDARDS

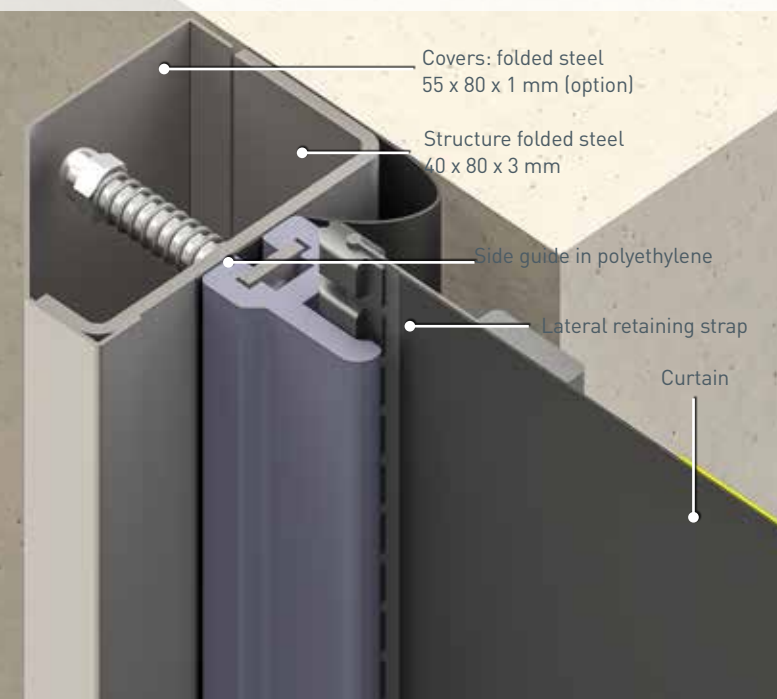
Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 2
Wind load	EN 12424	EN 12444	Class 1*
Wind permeability	EN 12426	EN 12427	Class 0
Safe openings	EN 12453	EN 12445	Pass
Mechanical resistance	EN 12604	EN 12605	Pass
Unintended movements	EN 12604	EN 12605	Pass
Thermal resistance	EN 12428	EN 12428	6,02 W/m²K
Performance (cycles)	EN 12604	EN 12605	NPD

* Interior applications only

CHARACTERISTICS

Max. dimensions	W 4.000 mm x H 4.000 mm
Opening speed Closing speed	up to 1,6 m/s peak speed - (2 m/s optional) 0,65 m/s
Structure	Folded steel 40 x 80 x 3 mm, galvanised before cutting and folding.
Drum	Steel - Ø 140 x 3 mm.
Side guides	Reinforced polyethylene (PE-UHMW1000), on springs
Motor	4 poles, with brake. Power 0,75 kW. (1,5 kW optional) IP rating: IP 65
Control box	DYNALOGIC provided with: Circuit breaker, general divider, adjustable timer, push button for opening and reset and emergency stop. IP rating: IP 54. Frequency inverter.
Standard detectors	Infrared barrier: 275 mm from the floor. Wireless DYNACO detector (WDD) DBD: correct unwinding detector
Power supply Frequency	Single phase 230 V - 14 A. Frequency: 50-60 Hz
Advised operating temperature	-20 °C up to + 35-40 °C Not suitable for Freezer applications
Available colours comparable with:	<div> <div>Yellow RAL1003</div> <div>Orange RAL2004</div> <div>Red RAL3000</div> <div>Blue RAL5002</div> </div> <div> <div>Green RAL6005</div> <div>Grey RAL7035</div> <div>White RAL9010</div> <div>Black RAL9005</div> </div>
(Actual colours may deviate. Colour samples available upon request)	

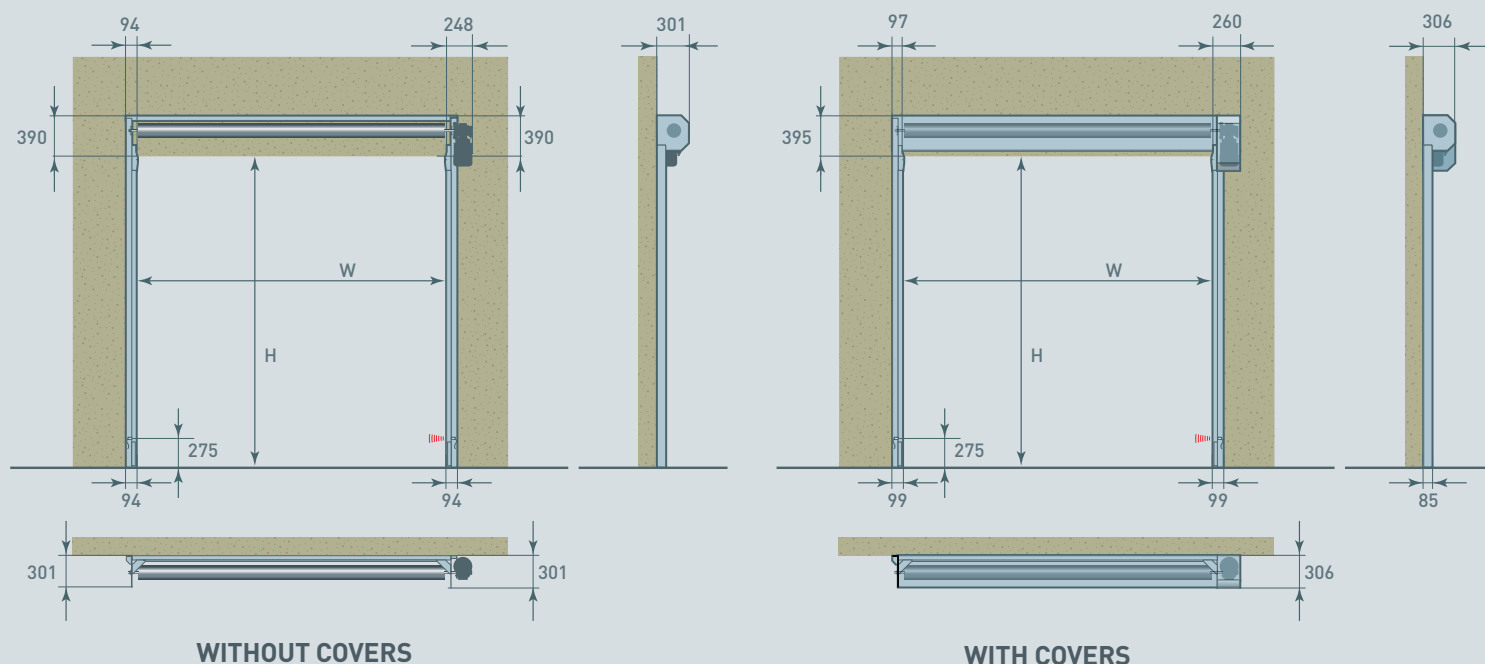
Low friction side guide



Reintroduction block^{PT}



Dimensions and installation requirements Dynaco D-411



All indicated dimensions are based on exact width and height dimensions only. The space necessary for mounting and maintenance has to be provided.

REMARK: Based on the risk analysis of the environment, extra push buttons, detectors and covers might be required.

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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 doors, gates and barriers, and automation and operators. Built on nearly 200 years of accumulated expertise, Entrematic aims to be the most dynamic, innovative company in the entrance automation industry, and the best partner for dealers and installers. Our well-known brands include Normstahl, Dynaco, Ditec and EM.

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Disclaimers:

For a correct use of our products, please refer to our manual.

Everything that is mentioned in this brochure is only valid under the terms of use in the user manual and on condition that the door was properly installed and maintained and has not undergone abuse nor neglect.

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