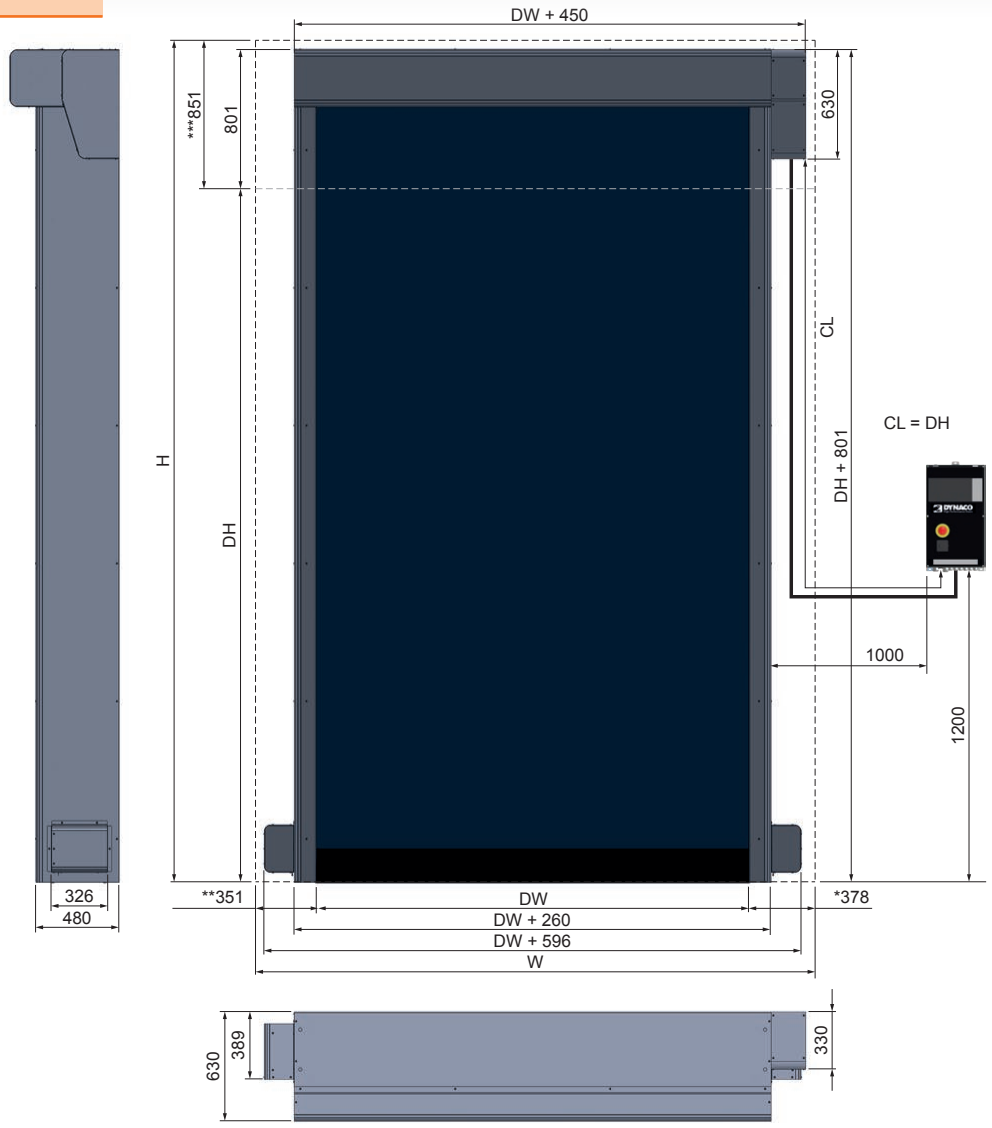
E-402
FREEZER²

GRAVITY DRIVEN
DOUBLE CURTAIN
TECHNOLOGY

DYNACO
Performance made simple

Technical Datasheet

DIMENSIONS AND INSTALLATION REQUIREMENTS



Key

W	Width side wall
H	Height top ceiling
DW	Horizontal opening
DH	Vertical opening

Additional cable length:
steps of 5m, up to a total of 40m

Consider the space required for installation

Top of door	***851mm
Left side (opposite side)	**351mm
Right side (motor side)	*378mm

Door dimensions (mm)

	Min	Max
DW	800	4500
DH	2100	5600

Access our Public Configurator to design your next Dynaco door.

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

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Designed for



Dynaco offers a wide range of products for several industrial applications.
Find out more on **www.dynacodoor.com**.

EN13241-1 standards

Test acc.	Ref.	Standard	Results
WATER PERMEABILITY	EN 12425	EN 12489	NPD
WIND LOAD	EN 12424	EN 12444	Up to Class 4
AIR PERMEABILITY	EN 12426	EN 12427	NPD
SAFE OPENINGS	EN 12453	EN 12445	Pass
MECHANICAL RESISTANCE	EN 12604	EN 12605	Pass
UNINTENDED MOVEMENTS	EN 12604	EN 12605	Pass
THERMAL TRANSMITTANCE	EN 12428	EN 12428	standard: 1,4 W/m²K
PERFORMANCE (CYCLES)	EN 12604	EN 12605	1.000.000

Control Unit

Standard: DYNALOGIC 4 (Composite ABS & PC)	**Optional:**
• Single phase 230 V AC 1.9kVA 50-60 Hz (up to DWxDH < 12 m²) • Controller with frequency inverter with brake resistor • Enclosure: 250x440x200 mm • Foil keypad • 7-segment display • 10 inputs • 2 relays • 1 digital output • 24 V DC / 500 mA • Main switch • Emergency stop	• **DYNALOGIC 4** in painted steel or stainless steel enclosure (300x500x200 mm)

All variants are also available in 3x400V(+N) (mandatory if DWxDH > 12 m²)

Characteristics

MAX. DIMENSIONS	DW 4500 mm x DH 5600 mm
OPENING SPEED	Up to 2,0 m/s
CLOSING SPEED	0,8 m/s adjustable
STRUCTURE	FRAME Standard: in galvanised steel. Optional: stainless steel AISI 304 ROLLER Standard: in galvanised steel. Optional: stainless steel AISI 304
SIDE GUIDES	High density polyethylene
MOTOR	Three-phase self-braking motor IP55
STANDARD DETECTORS	Standard: Dual Multibeam barrier IP67, Double anti-jamming sensor Optional: Microwave radar
POWER SUPPLY	Three-phase 400V. Frequency: 50-60 Hz + Neutral
ADVISED OPERATING TEMPERATURE	- 35 °C to + 10 °C Maximum pos/neg temperature delta 40°C Controlled humidity required
HEATING SYSTEM	Standard: double infra-curtain heater and heating cable for frames and motor Optional: heating element for control box (if T< -20°)
AVAILABLE COLOURS COMPARABLE WITH: (actual colours may deviate, colour samples available upon request) RAL is indicative	RAL 9016, RAL 1013, RAL 5015, RAL 5010, RAL 1003, RAL 2004, RAL 7035, RAL 7038, RAL 7037, RAL 7016, RAL 6026, RAL 3002, RAL 9005, RAL 9006

DYNACO Performance made simple

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About Dynaco

Dynaco is the world leader in high speed door technology, offering state of the art solutions for both commercial and industrial applications. Founded in 1987, we have extensive expertise in high-performance doors. Yet we continue to invest in exceeding your expectations of quality and performance. Our network of certified and dedicated partners ensures optimal service to all our customers across Europe. Dynaco is a proud member of the ASSA ABLOY Group, the global leader in entrance solutions. As part of its Entrance Systems division, we share the same mission and corporate values: helping billions of people experience a more open world every single day, through solutions for efficient and safe flow of goods and people. These include a wide range of automated pedestrian, industrial and residential doors, loading dock equipment, perimeter fencing and service.

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