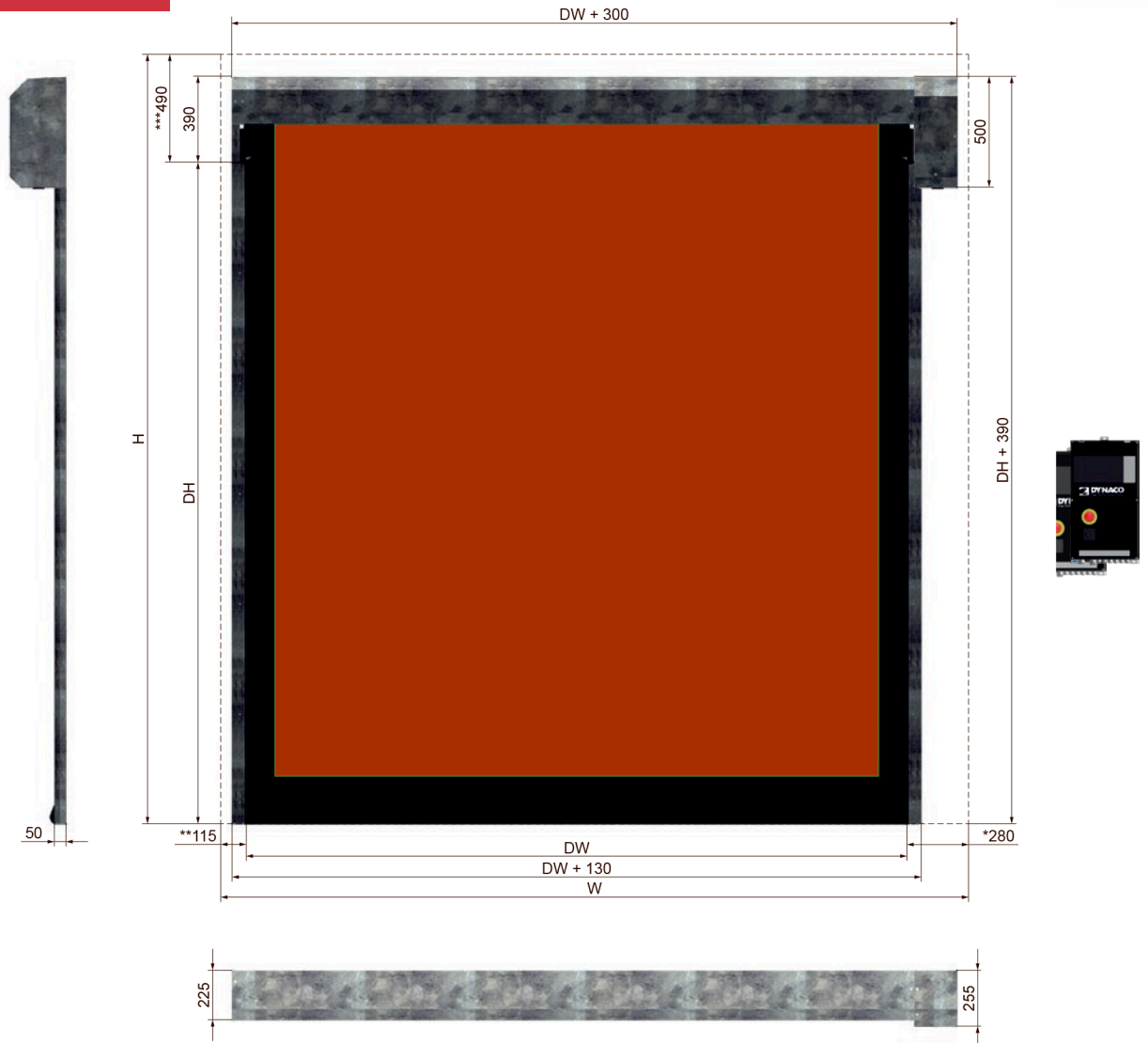


D-313 CLEAN ROOM

GRAVITY DRIVEN
LOW FRICTION TECHNOLOGY

DIMENSIONS AND
INSTALLATION REQUIREMENTS

TECHNICAL SPECIFICATIONS



Key		Consider the space required for installation		Door dimensions (mm)	
W	Width side wall	Top of door	$***496$ mm	Min	Max
H	Height side wall	Left side	$**115$ mm	DW	1000 4000
DW	Horizontal opening	Right side	$*115$ mm	DH	2000 4000
DH	Vertical opening				

Standard cable length: 5m
Optional: 10 m, 15 m, ...

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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DAN-doors offers a long range of solutions for different industrial purposes.
More information at dan-doors.com.


































EN13241-1 standards			
Test acc.	Ref.	Standard	Result
WATER PERMEABILITY	EN 12425	EN 12489	Class 3
WIND LOAD	EN 12424	EN 12444	Class 1
WIND PERMEABILITY	EN 12426	EN 12427	4 (overpressure**) 3 (underpressure)
SAFE OPENINGS	EN 12453	EN 12445	Pass
MECHANICAL RESISTANCE	EN 12604	EN 12605	Pass
UNINTENDED MOVEMENTS	EN 12604	EN 12605	Pass
CURTAIN THERMAL TRANSMITTANCE	EN 12428	EN 12428	standard: 6,02 W/m ² K Dynacoustic: 2,94 W/m ² K
PERFORMANCE (CYCLES)	EN 12604	EN 12605	1.000.000

* Interior applications only

** Valid for a door of 3500 x 3500mm

Control Unit	
Standard: DYNALOGIC 4 (Composite ABS & PC)	Optional:
<ul style="list-style-type: none"> • Single phase 230 V AC 1.9kVA 50-60 Hz • 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 	<ul style="list-style-type: none"> • DYNALOGIC 4 in steel or stainless steel enclosure (same specs as the standard composite version); hygienic design AISI 304 sloped 300 x 640 x 210 mm • DYNALOGIC 5 500 x 500 x 250 mm in steel or stainless steel enclosure

All variants are also available in 3x400V(+N)

Characteristics																							
MAX. DIMENSIONS	DW 4000 mm x DH 4000 mm																						
OPENING SPEED	Up to 2,7 m/s																						
CLOSING SPEED	0,5 m/s																						
STRUCTURE	Galvanised steel: 37 x 52 x 3 mm. Option: stainless steel.																						
COVERS	Synthetic material, colour aluminium + black. Full covers standard																						
DRUM	PVC- Ø 200 x 3,9 mm																						
SIDE GUIDES	Reinforced polyethylene (PE-UHMW1000)																						
MOTOR	2 poles, with parking brake. Power 0,75 kW IP rating: IP55																						
CONTROL BOX	DYNALOGIC provided with: circuit breaker, general divider, adjustable timer, push button for opening and reset, emergency stop and frequency inverter. IP rating: IP65.																						
STANDARD DETECTORS	Infrared barrier: 300 mm from the floor. Wireless detector (a-WDD) DBD: correct unwinding detector																						
POWER SUPPLY FREQUENCY	Single phase 230V - 16 A Frequency: 50-60 Hz																						
ADVISED OPERATING TEMPERATURE	+ 5 °C ÷ + 40 °C																						
AVAILABLE COLOURS COMPARABLE WITH:	<table border="1"> <tbody> <tr> <td>Yellow RAL 1003</td> <td></td> </tr> <tr> <td>Orange RAL 2004</td> <td></td> </tr> <tr> <td>**Red RAL 3000</td> <td></td> </tr> <tr> <td>**Blue RAL 5002</td> <td></td> </tr> <tr> <td>Gentian blue RAL 5010</td> <td></td> </tr> <tr> <td>Green RAL 6005</td> <td></td> </tr> <tr> <td>*Grey RAL 7035</td> <td></td> </tr> <tr> <td>*/**White RAL 9010</td> <td></td> </tr> <tr> <td>Black RAL 9005</td> <td></td> </tr> <tr> <td>Traffic grey RAL 7043</td> <td></td> </tr> <tr> <td>Anthracite RAL 7016</td> <td></td> </tr> </tbody> </table>	Yellow RAL 1003		Orange RAL 2004		**Red RAL 3000		**Blue RAL 5002		Gentian blue RAL 5010		Green RAL 6005		*Grey RAL 7035		*/**White RAL 9010		Black RAL 9005		Traffic grey RAL 7043		Anthracite RAL 7016	
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(actual colours may deviate, colour samples available upon request)																							
* Colour available also for Dynacoustic																							
** Available door curtain PVC fire retardant B-S2-d0 (EN13501-1)																							