



Automation dimensions

	Min	Max
PL	900	4500
PH	1100	4600

Key

LT = Overall width
HT = Overall height

PL = Horizontal opening
PH = Vertical opening

When taking measurements, consider:
* = 250 mm (for motor replacement)

Ditec Soft Reset Food

Technical datasheet

TECHNICAL SPECIFICATIONS	
Dimensions	Max. PL 4500 x PH 4600 mm Min. PL 900 x PH 1000 mm
Power supply	230 V single-phase 16 A - INVERTERmotion <u>Frequency</u> : 50/60 Hz <u>Power of motor</u> : 0,6 kW <u>Max. current</u> for 24 Vdc accessories: 0,5 A <u>IP degree</u> for control board: IP66
Opening speed	Opening up to 2,3 m/s - closing up to 0,8 m/s
Service level	<u>Life cycles</u> : 500.000 - heavy duty <u>Number of operations</u> : 500 cycles/day - max 100 cycles/hour
Extra features	<u>Manual opening</u> : manual by crank operated from ground. <u>Bottom drainage system</u> : optional drainage on both side of bottom pocket to collect water from washing/ condensing.
Frame	<u>Standard</u> : bright finishing stainless steel AISI 304 frame, motor cover, side cover and rolling shaft <u>Optional</u> : Column cover (bright finishing stainless steel AISI 304) Upper casing cover (bright finishing stainless steel AISI 304)
Recommended operating temperature	<u>Motor + control board</u> : - 5°C ÷ + 50°C <u>Curtain</u> : - 5°C ÷ + 50°C The limit of - 5°C is related to the PVC transparent windows. For further de- tails on the use in cold environments, please contact your Ditec technical or sales support.
Cablings	Cablings without intermediate connections between control unit and each device, to assure waterproof operation

CURTAIN TECHNICAL SPECIFICATIONS																									
Type of material	Standard, Non-tear and Food curtain: polyester fabric PVC coated on both sides. Insulated curtain: polyester fabric PVC coated on one side and foamed on the other. Double insulated: as previous one, but with foamed side covered with an additional layer of standard polyester PVC-coated curtain.																								
Material thickness and weight	Standard curtain: 0,7 mm - 900 g/m ² Non-tear: 1,0 mm - 1300 g/m ² Insulated: 3,5 mm - 1300 g/m ² Double-insulated: 4,2 mm - 2200 g/m ² Food curtain: 0,5 mm - 700 g/m ²																								
Vertical reinforcement strips	Clear PVC. Not applicable on insulated and double insulated curtain.																								
Thermal Transmittance coefficient	Standard: 5,8 W/m ² K Non-tear: 5,5 W/m ² K Insulated and Double insulated: 4,0 W/m ² K																								
Noise reduction	~ 12dB. Insulated: 17,5 dB																								
Windows	clear PVC 1 mm, available: 980 x H 300 or 920 x H 1600 mm or full width x H920 Not applicable on double insulated curtain																								
Available colours standard curtain	Similar to: <table style="display: inline-table; vertical-align: top;"> <tr> <td>Red RAL 3000</td> <td></td> <td>Blue RAL 5010</td> <td></td> </tr> <tr> <td>Orange RAL 2004</td> <td></td> <td>Grey RAL 7038</td> <td></td> </tr> <tr> <td>Yellow RAL 1021</td> <td></td> <td>Green RAL 6026</td> <td></td> </tr> <tr> <td>Cream RAL 1014</td> <td></td> <td>White RAL 9010</td> <td></td> </tr> <tr> <td>Light blue RAL 5012</td> <td></td> <td>Black RAL 9005</td> <td></td> </tr> <tr> <td>Dark grey RAL 7024</td> <td></td> <td></td> <td></td> </tr> </table>	Red RAL 3000		Blue RAL 5010		Orange RAL 2004		Grey RAL 7038		Yellow RAL 1021		Green RAL 6026		Cream RAL 1014		White RAL 9010		Light blue RAL 5012		Black RAL 9005		Dark grey RAL 7024			
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non-tear curtain	Yellow RAL 1004 Grey RAL 7046																								
insulated and double insulated curtain	Blue RAL 5002 Grey RAL 7038																								
food curtain	White RAL 9016																								

STANDARDS AND CERTIFICATES	
Wind resistance class	EN 12424 (test EN 12444) : class 2: PL ≤ 3000 mm x PH 4600 mm class 1: 3000 < PL ≤ 4500 mm x PH 4600 mm
Air permeability	EN 12426 (test EN 12427) : NPД
Water permeability	EN 12425 (test EN 12489) : NPД
Closing door safety devices	EN 12453 (test EN 12445) : TOP Safety Pack: Self-testing SLE Safety Linear Encoder* + built-in IP67 photocells TOP T Safety Pack: Self-testing SLE Safety Linear Encoder* + IP65 sequential infra-red light barrier
Available Certifications	certificate n° DE/3382/09, Notified Laboratory n° 0497

* SLE - Safety Linear Encoder is a Ditec HPD patented system certificate n° 177726-0_2020 - IP66 for control unit 52EY

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