

Day & Night solution

Albany HS8110PDN, HS8010PDN, HS8020PDN
+ Crawford OH1042PDN

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



The best of both worlds

A well insulated Crawford OH1042P overhead sectional door for the night keeps the warmth in and the uninvited guests out. For day use, when you have to go in and out frequently, an efficient Albany high speed door ensures a short passage time.

Why a Day & Night solution?

- In Night mode the high security and well-sealed Crawford OH1042 overhead sectional door is closed.
- In Day mode you get a short passage time and high efficiency when the Albany high speed door is in use.
- Reduced energy cost.
- A burglar resistance Class 2 certification is possible for the Crawford OH1042 overhead sectional door.
- The Day & Night solution is the most efficient solution when the passing frequency is high.
- All access and automation options are available.
- In case of a crash the self-repairing Albany high speed door gives no down time and no repair cost.
- When one of the doors is out of function it is always possible to close the opening.

Technical Data

Crawford OH1042PDN

Min size (W x H)	2000 x 2000 mm
Max size (W x H)	5500 x 5500 mm
Panel thickness	42 mm
Windows	optional
Pass-door	not possible
Wind load resistance, EN 12424	W < 4250 class 3 (700 N/m ²) W > 4250 class 2 (450 N/m ²)
Water penetration, EN 12425	class 3 (170 pa)
Air permeability, EN 12426	class 3
Thermal transmittance, EN 124283	
Full panel (steel) door	1,10 W/(m ² K)

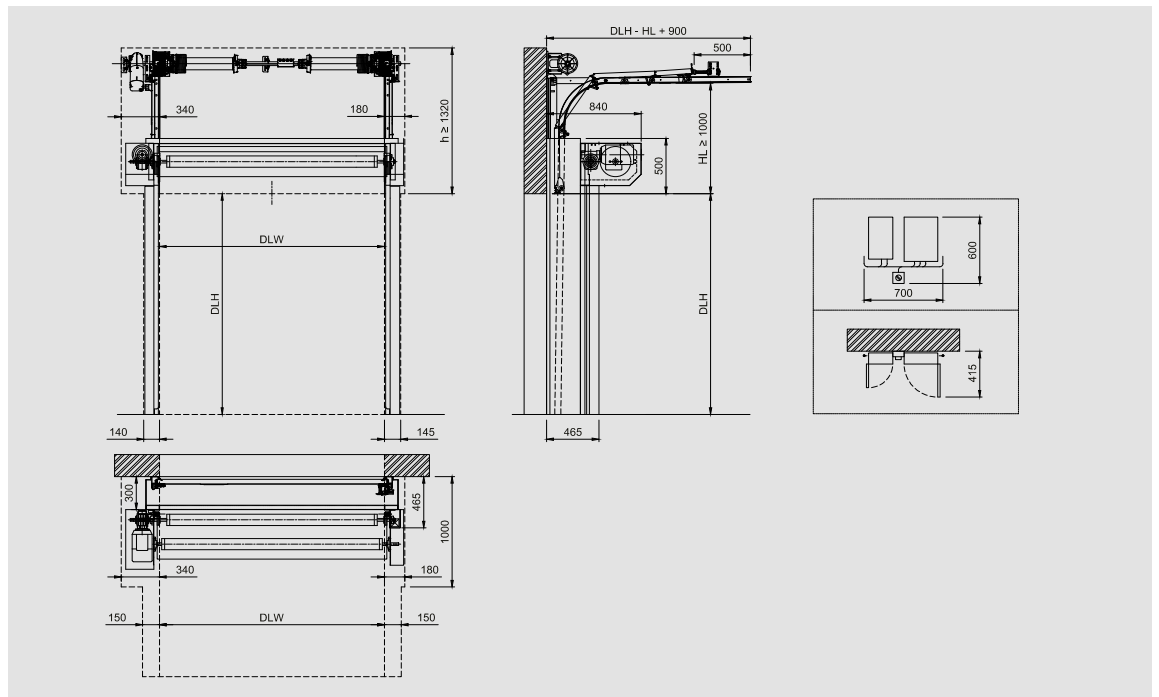
Technical Data

Albany HS8110PDN, HS8010PDN, HS8020PDN

Min size (W x H)	2000 x 2000 mm
Max size (W x H)	5500 x 5500 mm
Operating speed	opening: up to 2,4 m/s ¹⁾ closing: 1,2 m/s
Wind load resistance, EN 12424	HS8110PDN class 2 (450 N/m ²) class 3 (700 N/m ²) W < 4000 HS8010PDN class 3 (700 N/m ²) class 4 (1000 N/m ²) W < 4000 HS8020PDN class 4 (1000 N/m ²) class 5 (>1000 N/m ²) W < 5000
Water penetration, EN 12425	class 2 (50 N/m ²)
Air permeability, EN 12426	class 1 (24 m ³ /m ² /h at 50 Pa)
Thermal transmittance	6,02 W/(m ² K)
Lifetime expectations	1.000.000 cycles

1) Depending on door size

Dimensional specifications



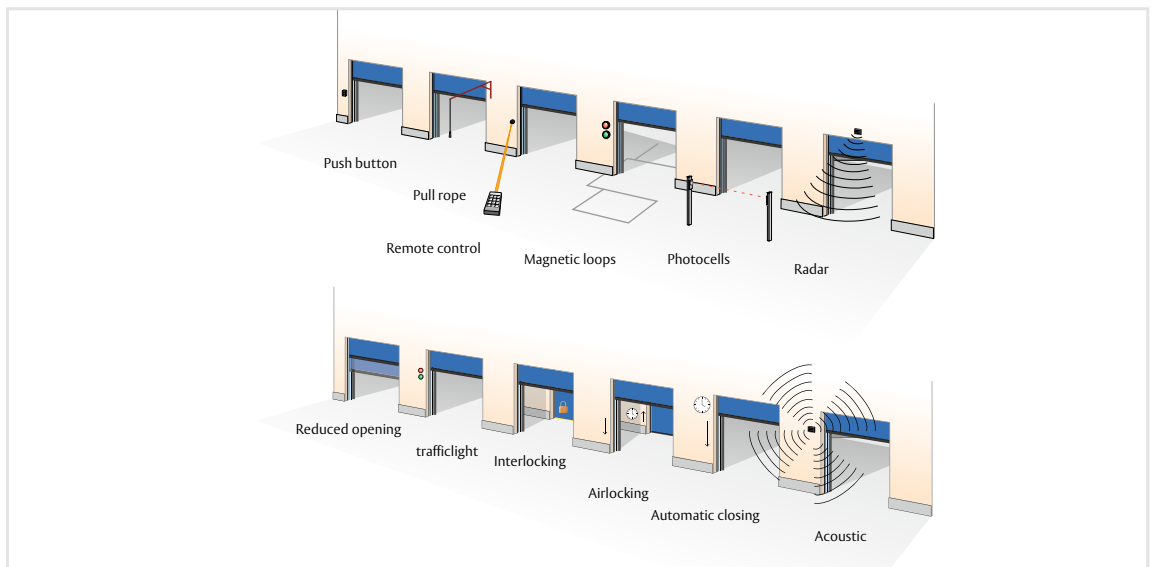
How does it work



Day mode = Albany HS8110PDN, HS8010PDN, HS8020PDN
 Turning the switch from night mode to day mode. The Crawford overhead sectional door will open. When fully open, the Albany high speed door starts to close and is ready for operation.

Night mode = Crawford OH1042P
 Turning the switch from day mode to night mode Albany High speed door will open. When fully open, the Crawford overhead sectional door starts to close for optimal insulation and security.

Options access and automation



Standard outside colours

	Yellow RAL 1021		Blue RAL 5010		Anthracite grey RAL 7016		Light grey RAL 9006		White RAL 9010	
Steel		Red RAL 3002		Green RAL 6005		Grey white RAL 9002		Aluminium grey RAL 9007		Other colours

Overhead Sectional Doors

	Signal yellow RAL 1003		Flame red RAL 3000		Moss green RAL 6005		Jet black RAL 9005		Other colours
	Pure orange RAL 2004		Ultramarine blue RAL 5002		Light grey RAL 7035		White RAL 9010		

High Speed Doors