

EFAFLEX 
safe high-speed doors

EFA-SRT[®] EC



High-speed roll-up door

EFA-SRT® EC



Our engineers have developed this door in close cooperation with the industry. EFA-SRT® EC is the EFAFLEX high-speed door for food and hygienic areas.

The hygienic high-speed roll-up door.

EFA-SRT® EC is the optimized solution for all internal passages with the highest hygienic requirements, such as in the production of foods. It fulfils all requirements of the food industry.

A glance at the advantages of the EFA-SRT® EC:

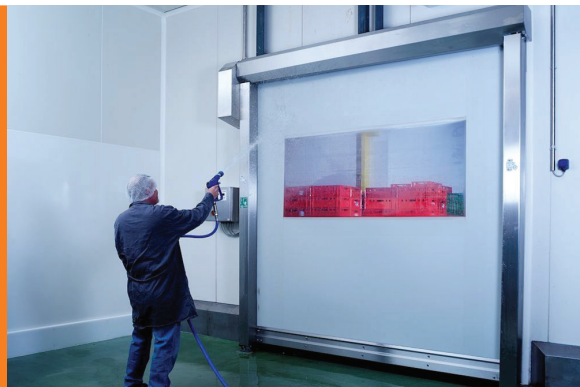
Easy to clean

Fulfils all usual food norms

Maximum speed up to 2.0m/s

Door design standard of stainless steel

Elastic curtain in various colors



Slanted towards more hygiene

The cover of the winding shaft is slanted so that liquids can run off and nothing will drop onto the driveway or onto the food. This cover can be swung up with a few simple hand movements. Now you can easily clean the bottom side and the winding shaft is also easy to reach.



Drive and control

The electric and electronic parts of the microprocessors and frequency converters are housed in a V2A switch cabinet of protection class IP 65.

Clean weight balancing

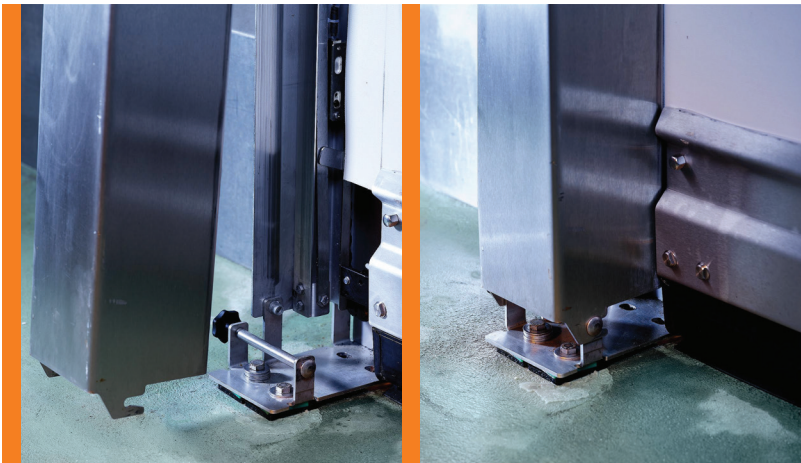
Every part of the EFA-SRT® EC is designed down to the last detail. The counterweight weight-balancing system of our hygienic professional is protected by a special anti-corrosion coating.

The Hygienic Professional

The entire door design is made of stainless steel as standard. The elastic curtain fulfils HACCP. The EFA-SRT® EC can be used in limited instal lation conditions due to its space-saving design.

EC stands for „Easy Clean“

You can easily loosen the locking of the frame covers and swing open the frames for cleaning. All of the inside area can be cleaned with the steam jet. Additional design detail: Cleaning agents and condensed humidity cannot accumulate inside the frames – liquids drain unimpeded (see photo below).



Technical details:

		R series					
		EFA-SRT ®					
		PREMIUM		ECO		ST	EC
		L	S	L	S		
Application	Interior door Lock-up doors	● ○	● ○	● –	● –	● –	● –
Wind load max.*	According to DIN EN 12424 class or in km / h	0 – 3 –	– 38	– 18	2 18	– 18	– 18
Operating forces /safe opening	According to DIN EN 13241-1	fulfilled	fulfilled	fulfilled	fulfilled	fulfilled	fulfilled
Resistance against water ingress	According to DIN EN 13241-1 class	0	0	0	0	0	0
Air permeability*	According to DIN EN 13241-1 class	0	0	0	1	0	0
Direct airborne sound insulation R _w *	in dB according to DIN EN 717-1	12	12	12	11	12	12
Door size (in mm)	Width W max. Height H max.	4,500 5,000	6,000 6,000	4,000 4,000	6,000 7,000	4,500 5,000	3,500 3,750
Maximum door blade speed*	in m / s	2.6	2.0	2.0	2.0	2.6	2.0
Average speed, ca. *	Opening in m / s Closing in m / s Closing in m / s, with EFA-TLG® door light-line grid	2.0 0.75 1.0	1.5 0.75 –	1.5 0.75 1.0	1.5 0.6 1.0	2.0 1.0 –	1.5 0.75 –
Steel design	Galvanized sheet steel frame Stainless steel Powder coated in RAL colours	● ○ ○	● – ○	● ○ ○	● ○ ○	● ○ ○	– ● –
Door blade	Door curtain made of flexible PVC, transparent with warning stripes in different colours Flexible fabric in different colours with/without window	● ○/○	● ○/○	● ○/○	– ○/●	○ ○/●	● ○/○
Fire class	Building Material class DIN 4102	B2	B2	B2	B2	B2	B2
Weight balancing by		Spring	Spring	Weight	Weight	Spring	Weight
Designed for approx ... Load cycles per year		150,000	150,000	150,000	150,000	150,000	150,000
Collision protection	Active Crash System EFA-ACS®/EFA-EAS®	–/○	–/○	–/○	–/–	–/●	–/–
Drive	Electric motor with frequency converter	●	●	●	●	●	●
Control	EFA-TRONIC® Frequency converter MCP2 with BUS technology Main switch and foil keypad	● ● ○ ●	● ● ○ ●	● ● ○ ●	● ● ○ ●	● ● ○ ●	– ● ● ●
Lead	Electricity connection 230 V / 50 Hz Circuit breaker	● 16 A (K)	● 16 A (K)	● 16 A (K)	● 16 A (K)	● 16 A (K)	● 16 A (K)
Emergency opening	Automatic after manual activation	●	●	●	●	●	●
Safety Devices	EFA-TLG® door light-line grid in door closing line Contact edge Light barrier Approach area monitoring Light grid, external	○ ● ○ ○ ○	– ● ○ ○ ○	○ ● ○ ○ ○	○ ● ○ ○ ○	– – ○ ○ ○	– ● ○ ○ ○
Safety system including activator	EFA-SCAN® frame /bollard	–/○	–/○	–/○	–/○	–/○	–/○
Activators	Connection of all common activators possible	●	●	●	●	●	●

● Standard, ○ upon request, – Not available, *Depending on door blade, door blade guidance and door size, we reserve the right to make technical alterations!



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Technological advancement. Pioneering design.

For more than 40 years, EFAFLEX has developed and designed reliable and highly-efficient high-speed doors. With innovative technology and pioneering solutions for special requests, EFAFLEX continually provides the market with new stimuli. This leadership role through superior technology, the best quality and a maximum degree of security is part of EFAFLEX's identity. More than 1,000 employees guarantee competent consultation and excellent service. Worldwide and always near you.

