

SPECIFICATION OF ESDOR HERMETICAL SEALING SLIDING DOOR: EHS-K-O

ESDOR SMART DOOR TECHNOLOGY

The Esdor Smart Door Technology is an intelligent control system based on more than 20 years of development experience and Fuzzy Logic Technology. This system guarantees perfect door operation by continually monitoring its own movements.

The system existing only in Esdor Smart Doors in the world and defined as intelligent also protects itself from defects resulting from every kind of user mistakes. It makes the speed adjustment according to the weight of the door leaves and does not allow sudden movements.

ESDOR AUTOMATIC DOORS ARE THE PRODUCTS OF 21ST CENTURY

Esdor has created the first automatic door unit with computer control (self-monitoring) by using Fuzzy Logic Technology. Door movement is continually calculated and recorded to the memory. Accordingly, the system safeguards itself against obstacles at any moment. Thus, high performance is provided. The Esdor sliding door unit, a discovery of 21st century, is a perfect solution through easy and quick mounting.

EHS-K-O AUTOMATIC HERMETICALLY SEALING SLIDING DOOR

1. DC type motor, with suspension. Regular maintenance not required.
2. Noiseless, smooth door movement, special suspension system (Esdor design).
3. Speeds as to a leaf weight:
Up to 115 kg : 0.6 m/s
From 115 to 175 kg : 0.4 m/s
Speed automatically adjusted through decreasing by computer at the ends of opening and closing.
4. Easy opening and closing manually in case of power failure. After power failure the mechanism programmes itself automatically.
5. Adjusting the opening and closing distance automatically by means of advanced micro processor.
6. Recalling its automatic movement when it encounters any obstacle in front or behind (except radars and photocells) during opening and closing. Not damaging to itself or the obstacles.
7. Safety photocells established for the purpose of preventing the moving leaf from hitting objects likely to stand out of the detecting area of radar when the open-hold-time has been over and the door started to close.
8. Movement of door leaves provided by elbow switches and special door handles (Esdor design) to be mounted to the interior and exterior parts in standard. Opening and closing can be also performed by radar, magic switch as well as code or other systems on request.

EHS-K MANUAL HERMETICALLY SEALING SLIDING DOOR

1. Door leaves made of special aluminium profiles (Esdor Design).
2. Hermetically sealing, provided by synthetic (EPDM) sealing which surrounds the door leaves and does not allow the bacterium to reproduce.
3. The interior and exterior surfaces of door leaves made of sandwich panels covered with laminate over MDF.
4. Maximum opening width 2400 mm, maximum opening height 2500 mm.
5. Special door handle providing the door to open with a single movement.
6. Three dimensional adjustable carriers and floor guide for supporting the hermetically closing.
7. Maximum door weight: 175 kg
8. Options: Viewing window, locking devices, single side door handle, two leaves door, noise reducing panel, fire-resisting panel, glass door.

Esdor®, the producer of Esdor Automatic Doors, is ISO 9001 certified. The sliding door unit meets international quality and safety requirements (CE Standards).