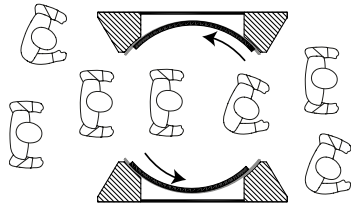


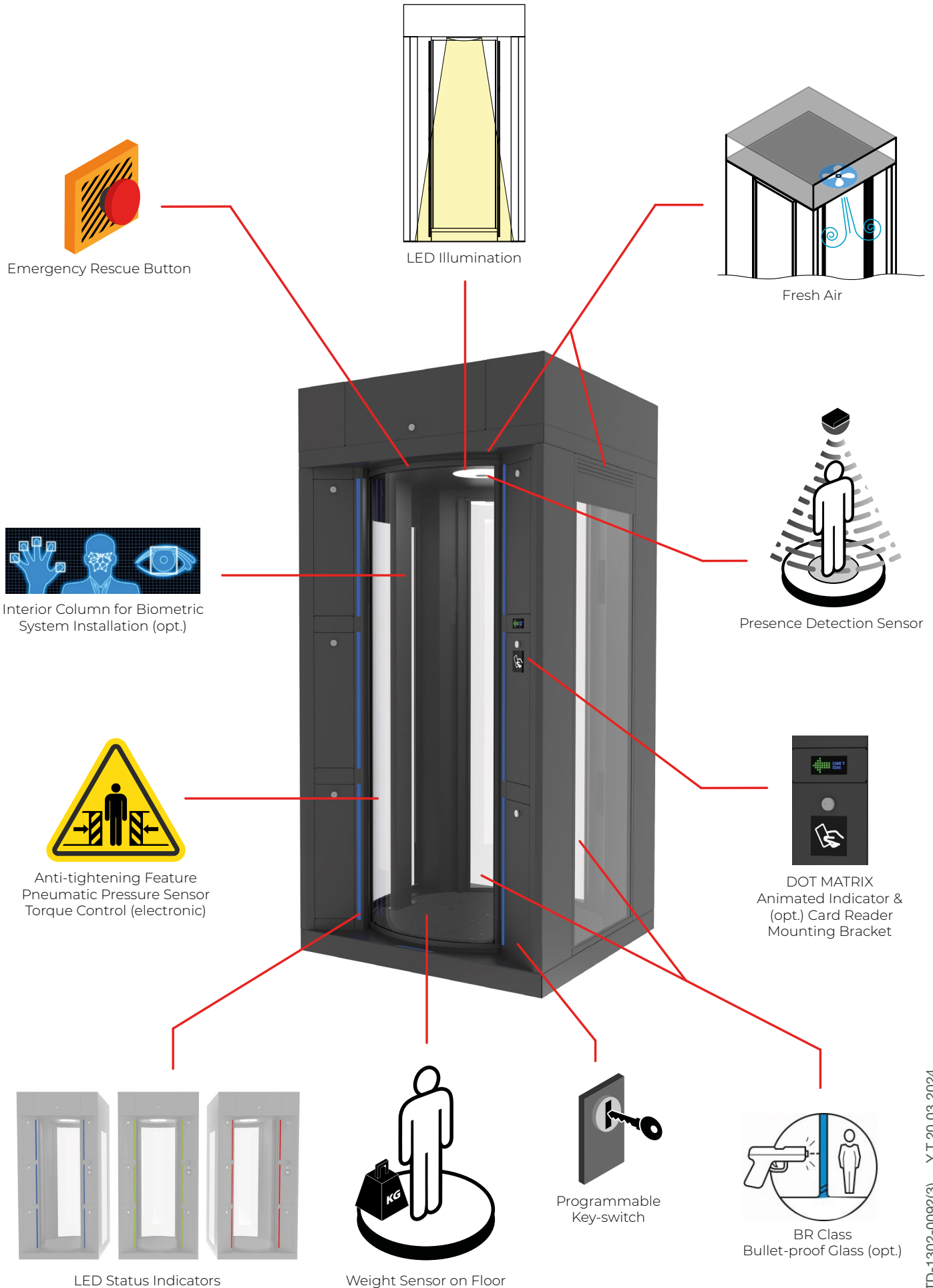


Optionally, a control point is available for real person verification (with 3rd party product biometric reader systems) with a column mounted in the passage corridor. Upon presence inside and at doors closed position, person requests a second authorisation and according to the authorisation, the second door opens and person completes his passage or returns to his entry direction. At the end of the process, door returns to stand-by position and remains locked.

In case of pushing the emergency rescue button inside the cabin, the entry door opens (or can be programmed for another action). Gate generates audio and/or visual alarm or relay output in cases of; passage can not be completed on time, the door is forced, presence of more than one person inside is detected, non-authorisation, the emergency rescue button is pushed, an unsolicited situation detected by the sensors.

<b>Control System</b>	<p>All functions, parameters and operating modes can be changed through the control board (microprocessor controlled), IOS and/or android app. Firmware can be updated. All past function updates and changes are kept in the server and records can be traced.</p> <p>All inputs are opto-coupler protected.</p> <p>Controllable by dry contact (ground control).</p> <p>Compatible with all kinds of access control device.</p> <p>Optional RS232, RS485 or TCP/IP module is available.</p> <p>Gate operates by a position controlled (by encoder) motor driven and electronic torque controlled system.</p> <p>Functions such as all sensors, motor, indicators, passage scenarios and alarms are controlled by the electronic control unit containing a programmable microprocessor. Thanks to the microprocessors, no re-setting is necessary in case of a power failure. Electronic control unit is placed into the main carrier columns of the gate.</p> <p>Passage can be restricted externally by enable/disable feature even though access authorisation has been granted.</p> <p>Gate has a vibration resistant, microprocessor controlled, industrial design adaptable to meet any user demand. Motor driven, two independent mechanics systems are controlled by a single electronic control unit.</p> <p>Rotation speed and limitations of the doors are managed by encoder controlled P.I.D. system. Rotation speeds are continuously checked with the feedback from the encoder and motor driver card keeps the speed at the same level preventing slower or faster rotation.</p> <p>An electronic control card controlling the mechanics regulates all movements and outputs and in case of need a 485 output is optionally available for PC.</p>
<b>Flow Rate</b>	<p><b>Passage capacity (motorized) :</b> ~4 person/min. (Passage capacity can change depending on the access control system utilized)</p>
<b>Emergency Mode</b>	<p>Both doors open automatically and system allows free passage (entry-exit) in both directions (fail safe). Works compatible with fire warning and similar systems. At the end of an emergency situation, system returns to its normal operating mode.</p> 
<b>Power-off Situation</b>	<p>System allows free passage (entry-exit) in both directions (fail safe) by pushing the doors manually. Optionally, can be set entry-exit locked (fail secure). Free passage by manual override key in fail secure option is available.</p>
<b>Weight</b>	<p>~460 kg</p>
<b>Safety</b>	<p>Moving doors contain pneumatic soft pressure sensors. In addition to pneumatic sensors, electronic torque control feature has been added.</p> <p>Continuous fresh air ventilation is provided in the passage area.</p>
<b>Cleaning, Maintenance, Manual Interference</b>	<p>Gate is furnished by a programmable key switch button on one side of the gate adjacent to the door.</p> <p>This button is programmable for the function desired by the user and set as default for opening one door for cleaning-maintenance or can be programmed for various requirements (i.e. manually evacuation of the person inside, unlocking of 1st or 2nd door, etc).</p>
<b>Optional Features and Accessories</b>	<p>Interior biometric system mounting column, card reader mounting bracket, mounting/connection guide for any type of safety sensors and detectors, BR class bullet-proof glass, different color options, manual override key (with fail secure option), heater positive, battery back-up, 316 grade stainless steel, RS232-RS485-TCP/IP modules, limiter, motorized card collector unit and card collection box.</p>





Emergency Rescue Button

LED Illumination

Fresh Air

Interior Column for Biometric System Installation (opt.)

Presence Detection Sensor

Anti-tightening Feature  
Pneumatic Pressure Sensor  
Torque Control (electronic)

DOT MATRIX  
Animated Indicator &  
(opt.) Card Reader  
Mounting Bracket

LED Status Indicators

Weight Sensor on Floor

Programmable  
Key-switch

BR Class  
Bullet-proof Glass (opt.)

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