



GOLDVEST TRADING
(THAILAND) CO., LTD



INDUSTRIAL SECTIONAL OVERHEAD DOORS

- INDUSTRIAL SECTIONAL OVERHEAD DOORS
- PVC STRIP CURTAIN AND PVC SHEET
- PVC SWING DOORS
- PVC HIGH SPEED AUTOMATIC DOORS
- LOADING DOCK

GLAXTIC

GOLDVEST TRADING (THAILAND) Co.,LTD.

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QUALITY IN DETAILS

ENERGY-SAVING



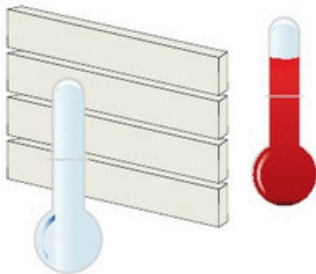
DoorHan industrial doors are designed to meet energy-saving requirements. The doors keep the weather out and reduce the cost of energy consumption.

STRENGTH



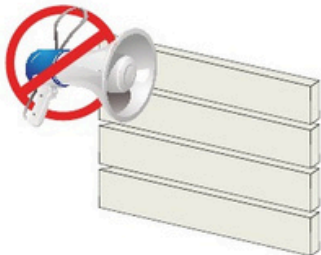
DoorHan industrial doors are manufactured with advanced high-quality materials able to withstand heavy winds.

WEATHERPROOFING



The unique panel design and sealing system increase the weather-resistance of the doors. They eliminate draughts and sudden drops in temperature. This is important if the premises are used to store goods that require special temperature conditions.

SOUNDPROOFING



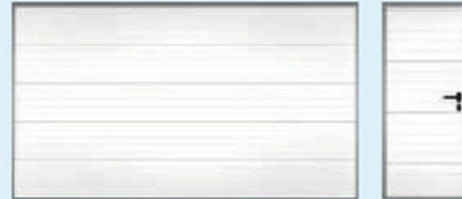
DoorHan industrial doors have good thermal and acoustic insulation properties. They reduce noise from outside and noise within working areas.





INSTALLATION REQUIREMENTS

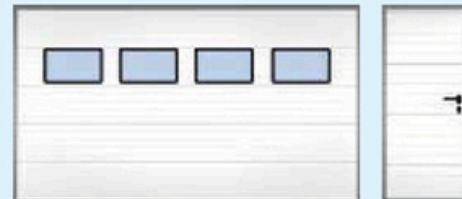
Door opening height — from 2 000 to 8 000 mm.
 Door opening width — from 2 000 to 7 000 mm, door design with vertical-type lift — to 8 000 mm.
 Headroom clearance — minimum 150 mm.
 Backroom clearance — door leaf height + 500 mm.
 Sideroom clearance — minimum 140 mm.



Sectional door + entrance door



Sectional door with pass door+ entrance door



Sectional door with windows + entrance door

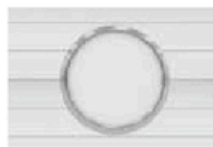
TECHNICAL FEATURES

Average R-value	1.13 m ² C/W (GOST 31174-2003)
Heat conductivity	0.88 W/ m °C (DIN 4108)
Wind load	Class 2 (EN12424:2000)
Airtightness	Class 4 (EN 12426:2000)
Watertightness	Class 3 (EN 12425:2000)
Combustibility	G2 (GOST 30244-94)
Ignitability	V2 (GOST 30402-96)
Soundproofing	24 dB
Lift force up	Up to 40 kg
Door leaf weight	17 kg/m ²

WINDOWS



Window frame colour — signal black (RAL 9004), sizes available — 635x330mm and 607 x202 mm.



Window frame colour — silver grey (RAL 7001), diameter —360 mm.

ISD01 series sectional doors are also available with windows. The windows fit snugly into the door leaf to prevent frost penetration and heat loss.



ISD01 SERIES SECTIONAL DOOR

The ISD01 sectional door leaf is constructed of energy - saving sandwich panels.



ENERGOFLEX

Seal made of advanced wear-resistant and moisture-resistant material.

NO "COLD BRIDGE"

The front and rear steel sheets are not canted (not connected to one another), which results in greater thermal insulation and reduces the risk of freezing.

REINFORCEMENT FOR HINGES

Steel plates provide greater joint strength and increase the rigidity and break-resistance of the door structure.

STEEL SHEETING

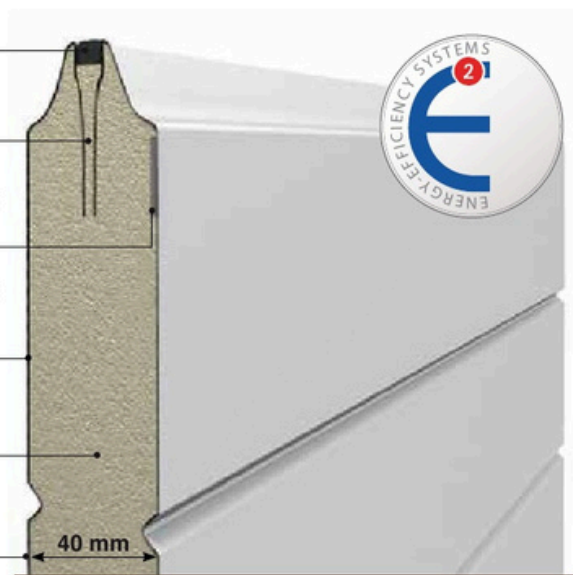
The maintenance-free polymeric coating of DoorHan sectional doors provides a long-lasting aesthetic appearance.

FOAMED POLYURETHANE CORE

The seal made of high-quality material increases the durability of the sandwich panels and reduces heat loss.

40 MM THICK SANDWICH PANEL

The door leaf is manufactured in accordance with all international standards and conforms to the highest heat conductivity class.





Types of panels



● Standard ribs
GVT

Micro-profile

Micro-profile with central groove

Smooth with central groove

● Central rib

Smooth

Types of surfaces



● Stucco surface
GVT



Panels can be painted in any colour you desire from the International RAL Color Chart. Colour swatches printed on this page may not accurately display the original colours. Please use the original RAL Color Chart. Publication for the most accurate colour.

Standard RAL colours



RAL 9010
● pure white
GVT



RAL 8014
sepia brown



RAL 5005
signal blue



RAL 6005
moss green



RAL 3000
flame red



RAL 9006
white aluminium



RAL 7016
anthracite grey

DoorHan sandwich panels have a foamed polyurethane core, which is an advanced, high-quality insulating material. The 40 mm thick panels are suitable for use in any weather conditions.

Steel reinforcements used in the hinges provide greater joint strength and increase the rigidity and break-resistance of the doors.

DoorHan sandwich panels are available in 6 options, with 2 surface textures and in any RAL Colour.



ISD02 FULL VISION SECTIONAL DOOR

FULL VISION DOORS

Ideal for applications where a high level of visibility of indoor and outdoor spaces is important. The contemporary style doors will add a unique architectural feature to any facade. If maximum light transmission is required DoorHan is able to offer fully-glazed doors.

DoorHan full vision doors do not freeze at joints; they are resistant to corrosion and have lasting appeal. The exceptional performance of DoorHan full vision industrial sectional doors is the best solution for your business.

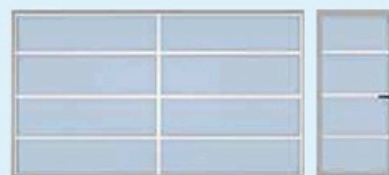
Aluminium profile T-bridges are used to increase the energy efficiency of the doors. T-bridge is a system of aluminium profiles with a thermal insulating insert made of high-strength polyamide. The system prevents the door from freezing and saves money on heating. **The panoramic panel is equipped with a fillet system. If you need to change the glass you do not have to remove the whole panel, just the fillet.**

DoorHan full vision sectional doors are available with a pass door, which provides access into the premises when the door is closed. A reliable sealing system ensures the door is thermally insulated.

FULLY GLAZED DOOR WITH BRACES



Fully glazed door (up to 3 000 mm + entrance door)



Fully glazed door with braces (from 3 000 to 6 000 mm) + entrance door

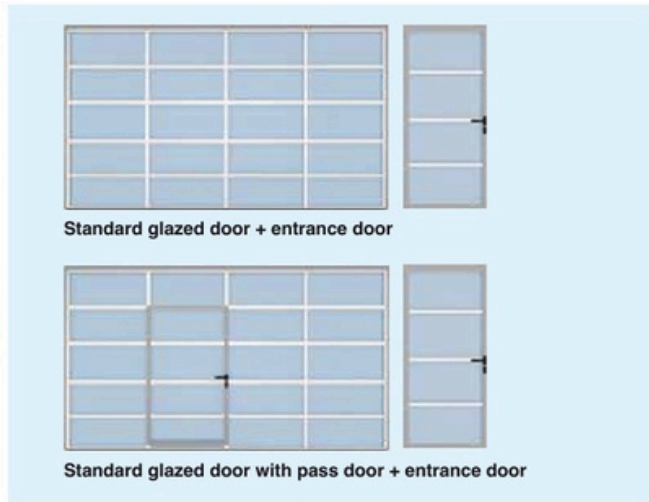
INSTALLATION REQUIREMENTS

Door opening width — from 2 000 to 6 000 mm
 Door opening height — from 2 000 to 8 000 mm
 Headroom clearance — minimum 150 mm
 Sideroom clearance — minimum 130 mm
 Backroom clearance — door leaf height + 500 mm
 Entrance door measurements:
 Width — from 600 to 1 500 mm
 Height — from 600 to 1 500 mm

Cell light measurements:

Height — from 370 to 650 mm
 Width — maximum 3 190 mm for high-impact polycarbonate without brace, not more than 2 900 mm for cellular polycarbonate.
 Composite panels, rather than glass, may be installed into any door opening.

STANDARD GLAZED DOOR



INSTALLATION REQUIREMENTS

Door opening width — from 2 000 to 6 000 mm.
 Door opening height — from 2 000 to 8 000 mm.
 Headroom clearance — minimum 150 mm.
 Sideroom clearance — minimum 130 mm.
 Backroom clearance — door leaf height + 500 mm.

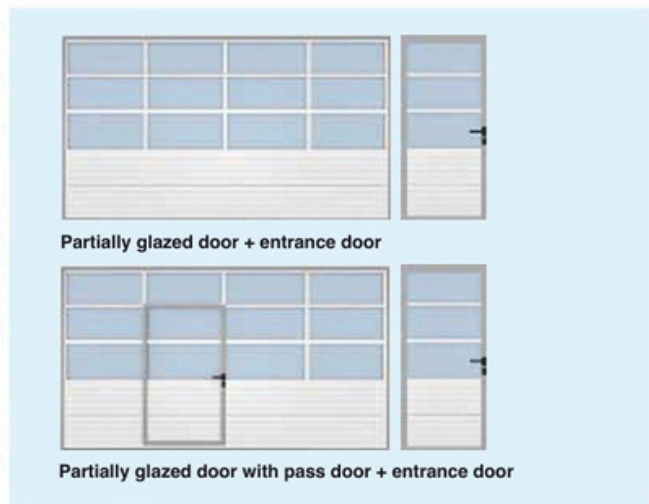
Entrance door measurements:

Width — from 600 to 1 500 mm.
 Height — from 1 100 to 2 500 mm.

Measurements of cell light:

Height — from 370 to 650 mm.
 Width — maximum 1 100 mm (with a vertical lift and door leaf width from 4 500 to 6 000 mm the maximum width of the cell light is 90 mm).
 Composite panels, rather than glass, may be installed into any door opening.

COMBINED GLAZED DOOR



The door leaf is made of panoramic panels consisting of glazing and aluminium profiles.

INSTALLATION REQUIREMENTS

Door opening width — from 2 000 to 6 000 mm.
 Door opening height — from 2 000 to 8 000 mm.
 Headroom clearance — minimum 150 mm.
 Sideroom clearance — minimum 130 mm.
 Backroom clearance — door leaf height + 500 mm.

Entrance door measurements:

Width — from 600 to 1 500 mm.
 Height — from 1 100 to 2 500 mm.

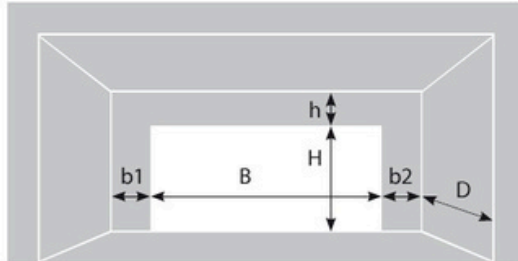
Measurements of cell light:

Height — from 370 to 650 mm.
 Width — maximum 3 190 mm (with a vertical lift and door leaf width from 4 500 to 6 000 mm the maximum width of the cell light is 90 mm).
 Composite panels, rather than glass, may be installed into any door opening.

DIMENSIONS AND LIFT TYPES

VARIETY OF SOLUTIONS AND FUNCTIONALITY

ISD01 AND SD02 SECTIONAL DOORS



DIMENSIONS

H — opening height (distance between floor and doorway top)
— from 2 000 to 8 000 mm.

B — opening width (distance between left and right edges of opening) — from 2 000 to 7 000 mm, with a vertical lift, up to 8 000 mm.

h — headroom (space from top of opening to lowest ceiling point)

— minimum 150 mm (type of track used depends on headroom clearance).

b1 and b2 — sideroom — minimum 130 mm.

D — backroom (distance between opening to internal wall of garage)

— maximum H plus 500 mm.

STANDARD AND OPTIONAL COMPONENTS FOR ISD01, ISD02 DOORS

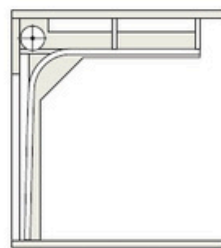
Standard components :

- Spring mechanism designed for 25,000 open/close cycles
- Spring failure safety device
- Rubber buffers or bumpers (depending on selected design)
- Handle
- Latch
- Set of technical documents

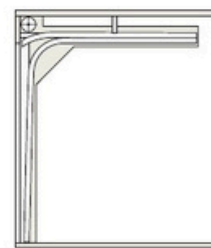
Optional components :

- Spring mechanism designed for 50,000, 75,000 and 100,000 door open/close cycles
- Windows available in 2 types
- Pass door with linear closer
- Cable break safety device
- Lock
- Automation
- Manual chain operator
- Bottom/top aluminium profile with T-Bridge system
- External sealing

LIFT TYPES



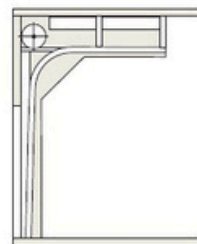
Standard lift



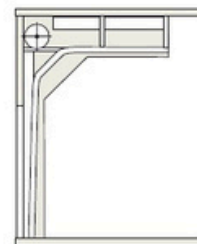
Low lift, front drum



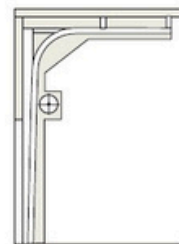
Low lift, rear drum



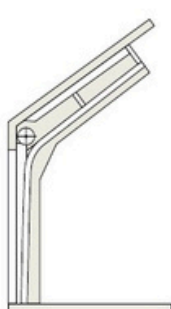
High lift



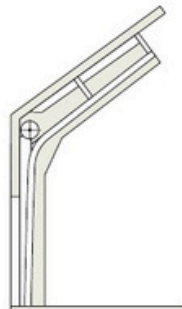
High lift with double curve



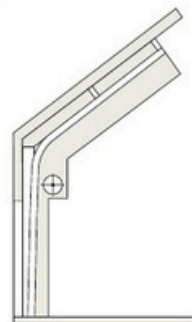
High lift, bottom drum



Standard inclined lift



High inclined lift



High inclined lift, bottom drum



Vertical lift



Vertical lift, bottom drum

SAFETY CONCEPT AND CONSTRUCTION SPEED, RELIABILITY AND SAFETY

TORSION MECHANISM WITH QUICK FIX SYSTEM



Cylindrical shaft



Octagonal shaft



End support bracket

The Quick Fix system, a DoorHan innovative solution, considerably reduces installation time (4 times compared to similar products on the market).

The Quick Fix system includes:

- U-shaped brackets
- Special shaft-lifting mechanism
- New safety devices
- Octagonal shaft (eliminates shaft deflection and the need for intermediate fixing to the opening)
- Shaft operator fastening bracket



The spring safety device disables the shaft and prevents the sectional door leaf from falling.



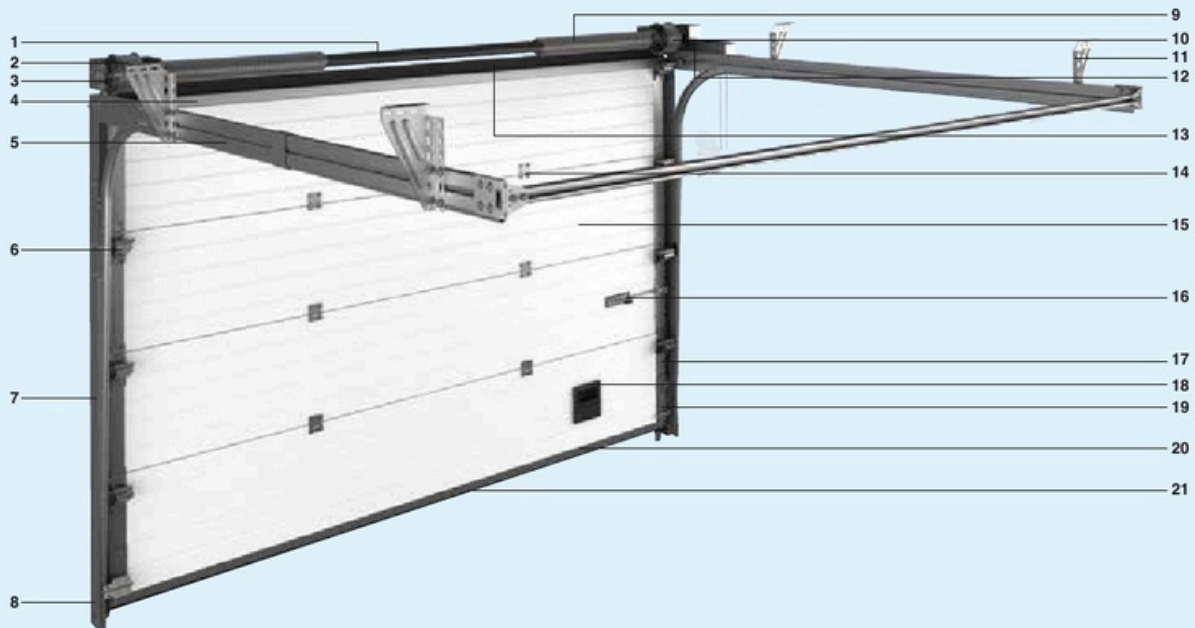
The cable break protection device with protective housing is mounted on the leaf as a bottom bracket. It stops the door leaf from falling by fixing itself to the track in the event of a cable failure.



The cable safety device blocks the door leaf by hooking itself onto the strip mounted on the vertical angle of the door in the event of a cable break or an unauthorized attempt to lift open the door.



SECTIONAL DOOR CONSTRUCTION



- | | |
|---|---|
| 1. Shaft (octagonal) | 12. Shaft operator |
| 2. Drums | 13. Top seal |
| 3. End U-shaped support bracket | 14. Hinges |
| 4. Top profile | 15. Door leaf made from sandwich panels |
| 5. Tracks | 16. Lock |
| 6. Adjustable bracket with roller | 17. Side cover |
| 7. Vertical angle | 18. Handle |
| 8. Bottom cover | 19. Bottom bracket with cable break protection device |
| 9. Torsion mechanism with Quick Fix system | 20. Bottom profile |
| 10. Spring safety device | 21. Bottom seal |
| 11. System for attaching horizontal tracks to ceiling | |



ENERGY EFFICIENCY SYSTEMS

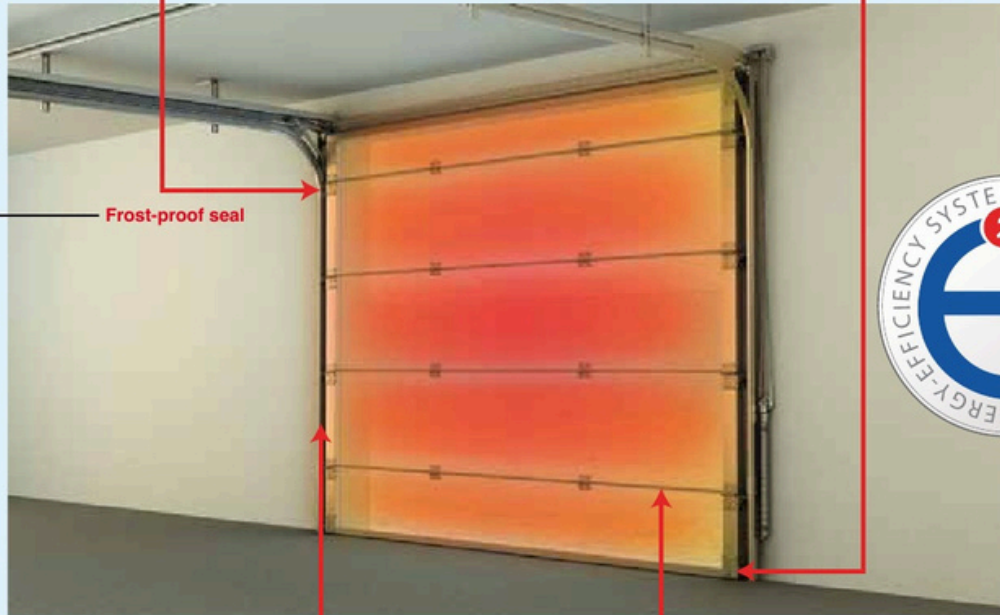
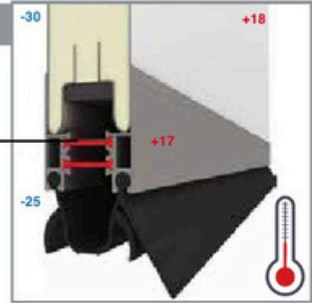


New side weather seal for industrial doors

- The frost-proof seal has an extended surface that shields the opening as well as a reliable fixture to the vertical angles.

Heat-resistant bottom profile

- No heat loss with T-bridge heat-resistant bottom profile.



Frost-proof seal



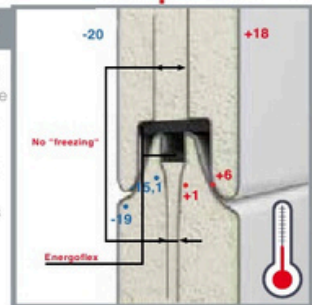
External sealing

- External sealing gives the tightest fit between the door leaf and the seal.
- The air chamber formed between the seals provides maximum air tightness, which prevents cold air from entering the premises.

External sealing

No "freezing"

- Freezing does not occur in DoorHan sandwich panels between the outside and inside steel sheets. That makes the door thermal-resistant and prevents freezing of panels in joints.
- Energoflex is a non-hygroscopic material used to ensure the tightness of the panels' joints.



No "freezing"

Energoflex

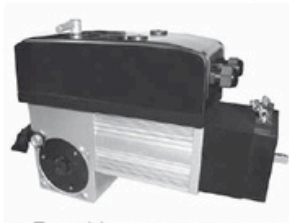


DOOR AUTOMATION



CONVENIENCE AND EASE OF USE

The automatic systems make the door a modern and high-tech product and also make it easier to open and close the doors.



SHAFT OPERATORS

DoorHan operators are the ideal solution for any type of industrial door. Shaft-30/60/120 operators are shaft-type operators with an "oil-bath" gear box. This technology increases the service life of the operator and makes it suitable for heavy use.

It consists of an electric motor and gear box. It is equipped with a built-in control unit and a 3-position control station. In the event of a power cut you can open and close the door manually using the chain.



TRAFFIC LAMP Used for traffic control. The casing is made of high-quality plastic.



KEYSWITCH

Used to give a signal to the control unit. Stepped control (open-close-stop) by micro-switch. A key is used to give the required command. Available with one microswitch and two microswitches.



3-POSITION CONTROL STATION

Individual door motion control. Separate stop button.



2-POSITION CONTROL STATION WITH KEY

Used to operate the door. Prevents unauthorized door control.



REMOTE CONTROLS

The DoorHan Transmitter 4 operates DoorHan automatics. One Transmitter 4 can operate 4 doors or other automatic devices.

OPTOELECTRONIC SENSORS

Optokit sensors include 2 infrared safety sensors, a receiver and a transmitter. Both sensors are fitted into a rubber seal. Once the rubber profile is deformed, the optical beam breaks and a signal is sent to the control unit to stop or reverse the door.



SWM KEY-BUTTON

The SWM key-button is mounted on exterior surface. It has vandal-proof metal casing and a watertight rear wall. Easy installation and connection.

KEYPAD

Designed to remotely control an electric door operator with a built-in or external DoorHan receiver. Radio commands can only be given after an access code has been entered. Easy installation and configuration.



PHOTOCELLS

Photocells are safety devices used to prevent the door's descent when an object or a body enters or obstructs the door's operation area. These devices use photoelectronic cells and sensors to detect an infrared beam that, when interrupted, signals an area-obstruction to the control board, which in turn stops (or reverses) the door.

EXTERNAL RADIO RECEIVERS

DHRE-2 receivers are designed to control other manufacturers' automatic equipment from a DoorHan transmitter. They can be connected to any door operator.

