



Hôpital d'Orsay, Paris

GEZE Powerdrive HT

Hermetic sliding door system



BEWEGUNG MIT SYSTEM

Triple H – Hermetic, Hygienic, High technology

GEZE Powerdrive HT special doors are based on the proven principle of self-lowering door leaves which, together with an all round rubber seal, create a hermetically sealed transition between two rooms with differing pressure conditions.

Area of application

- ▶ In cleanroom areas with pressure conditions up to 125 Pa
- ▶ Hospitals and clinics, especially operating theatres and laboratories
- ▶ Production rooms with special hygiene requirements, such as the food, chemical and pharmaceutical industries, or the technical production of semi-conductors, etc.

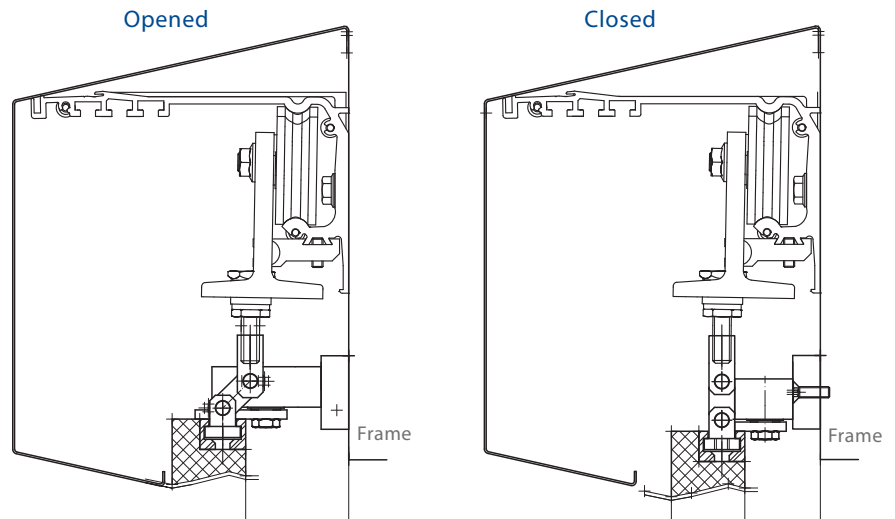
System features

- ▶ Reliable, aesthetic, hygienic and convenient
- ▶ Designed for high levels of use
- ▶ Excellent sealing properties in widely differing pressure conditions thanks to the lowering of the door
- ▶ Wide range of accessories
- ▶ Variable viewing windows can be incorporated into the door leaf if required by the customer

Drive technology

- ▶ Sophisticated sliding door technology, three-dimensional leaf adjustment
- ▶ Top quality materials and state of the art control technology for connecting and evaluating modern sensor systems
- ▶ Superbly convenient parameter settings and status display on the display programme switch

Hermetically sealing: The door leaf with its special all round rubber seal is lowered and pressed against the frame.



Floor guide:



front



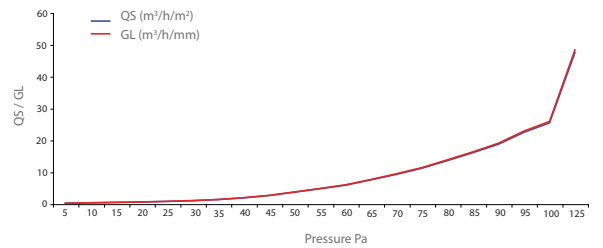
back

Technical specifications	
Drive dimensions (slanting hood)	300 x 185 mm (height x depth)
Version	Single leaf, closing to the right or left
Max. opening width	1400 mm
Max. height clearance	2200 mm
Max. weight per leaf	100 kg
Max. leaf surface	3 m ²
Opening/Closing speed	max. 0,5 m/s
Hold-open time	0 - 60 s
Power connection	230 V AC +6% -10% at 50 Hz / 60 Hz
Power consumption	max. 300 VA
Enclosure rating	IP 20

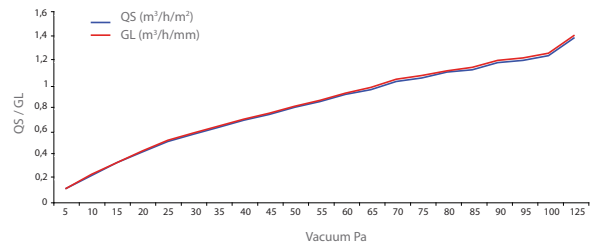
Is one of the tightest sealing systems in the market: Air permeability test results based on the specifications of European standard NF EN 1026

Pressure Pa	QS (Surface) m ³ /h/m ²	GL (Seal) m ³ /h/mm	Vacuum Pa	QS (Surface) m ³ /h/m ²	GL (Seal) m ³ /h/mm
5	0,18	0,18	5	0,12	0,12
10	0,32	0,32	10	0,23	0,24
15	0,45	0,46	15	0,34	0,34
20	0,59	0,6	20	0,43	0,44
25	0,77	0,78	25	0,52	0,53
30	0,99	1,01	30	0,58	0,59
35	1,35	1,37	35	0,64	0,65
40	1,87	1,9	40	0,7	0,71
45	2,61	2,65	45	0,75	0,76
50	3,66	3,72	50	0,81	0,82
55	4,73	4,81	55	0,86	0,87
60	5,85	5,95	60	0,92	0,93
65	7,52	7,65	65	0,96	0,98
70	9,28	9,44	70	1,03	1,05
75	11,2	11,39	75	1,06	1,08
80	13,59	13,82	80	1,11	1,12
85	16,09	16,36	85	1,13	1,15
90	18,72	19,04	90	1,19	1,21
95	22,45	22,83	95	1,21	1,23
100	25,43	25,86	100	1,25	1,27
125	47,47	48,28	125	1,4	1,42

Test results under pressure conditions



Test results under vacuum conditions



The GEZE Powerdrive HT hermetic sliding door system comes complete with:

- ▶ Complete drive technology, incl. Hermetic Kit
- ▶ Stainless steel door leaf, frame, special floor guide and rubber seal
- ▶ Sensor and control technology:

Display programme switch



Button programme switch TPS



GEZE GC 362 R


Radar movement detector with active infrared light curtain


GEZE GC 333



Active infrared light curtain



Operating modes:

 **Automatic (hospital bed mode):**
The door opens (to full width) as soon as the command is triggered by the motion sensor or button and closes again after a programmable time lapse. Light barriers secure the movement of the leaves, thus eliminating any risk to people.

 **Permanently open (cleaning mode):**
The door opens and remains open.

  **Reduced opening width (nurse mode):**
The door only opens partially and not to full opening width. The required opening width can be set freely by positioning the door manually once.

GEZE AIR 12 Cleanscan

Non-contact proximity switch



GEZE surface switch



Foot contact switch



**GEZE GmbH**

P.O. Box 1363
71226 Leonberg
Germany

GEZE GmbH
 Reinhold-Vöster-Straße 21-29
 71229 Leonberg
 Germany
 Telefon +49 (0) 7152-203-0
 Telefax +49 (0) 7152-203-310

www.geze.com

Germany

GEZE Sonderkonstruktionen GmbH
 Planken 1
 97944 Boxberg-Schweigern
 Tel. +49 (0) 7930-9294-0
 Fax +49 (0) 7930-9294-10
 E-Mail: sk.de@geze.com

Germany

GEZE GmbH
 Niederlassung Nord/Ost
 Böhrlingstraße 8
 13086 Berlin (Weissensee)
 Tel. +49 (0) 30-47 89 90-0
 Fax +49 (0) 30-47 89 90-17
 E-Mail: berlin.de@geze.com

Germany

GEZE GmbH
 Niederlassung West
 Nordsternstraße 65
 45329 Essen
 Tel. +49 (0) 201-83082-0
 Fax +49 (0) 201-83082-20
 E-Mail: essen.de@geze.com

Germany

GEZE GmbH
 Niederlassung Mitte
 Adenauerallee 2
 61440 Oberursel (b. Frankfurt)
 Tel. +49 (0) 6171-63610-0
 Fax +49 (0) 6171-63610-1
 E-Mail: frankfurt.de@geze.com

Germany

GEZE GmbH
 Niederlassung Süd
 Reinhold-Vöster-Straße 21-29
 71229 Leonberg
 Tel. +49 (0) 7152-203-594
 Fax +49 (0) 7152-203-438
 E-Mail: leonberg.de@geze.com

Germany

GEZE Service GmbH
 Reinhold-Vöster-Straße 25
 71229 Leonberg
 Tel. +49 (0) 7152-9233-0
 Fax +49 (0) 7152-9233-60
 E-Mail: info@geze-service.com

Germany

GEZE Service GmbH
 Niederlassung Berlin
 Böhrlingstraße 8
 13086 Berlin (Weissensee)
 Tel. +49 (0) 30-470217-30
 Fax +49 (0) 30-470217-33

Austria

GEZE Austria GmbH
 Mayrwiesstraße 12
 5300 Hallwang b. Salzburg
 Tel. +43-(0)662-663142
 Fax +43-(0)662-663142-15
 E-Mail: austria.at@geze.com

Baltic States

GEZE GmbH Baltic States office
 Dzelzavas iela 120 S
 1021 Riga
 Tel. +371 (0) 67 89 60 35
 Fax +371 (0) 67 89 60 36
 E-Mail: office-latvia@geze.com

Benelux

GEZE Benelux B.V.
 Leemkuil 1
 Industrierterrein Kapelbeemd
 5626 EA Eindhoven
 Tel. +31-(0)40-26290-80
 Fax +31-(0)40-26 290-85
 E-Mail: benelux.nl@geze.com

Bulgaria

GEZE Bulgaria - Trade
 Representative Office
 61 Pirinski Prohod, entrance „B“,
 4th floor, office 5,
 1680 Sofia
 Tel. +359 (0) 24 70 43 73
 Fax +359 (0) 24 70 62 62
 E-Mail: office-bulgaria@geze.com

China

GEZE Industries (Tianjin) Co., Ltd.
 Shuangchenzhong Road
 Beichen Economic Development
 Area (BEDA)
 Tianjin 300400, P.R. China
 Tel. +86(0)22-26973995-0
 Fax +86(0)22-26972702
 E-Mail: Sales-info@geze.com.cn

China

GEZE Industries (Tianjin) Co., Ltd.
 Branch Office Shanghai
 Unit 25N, Cross Region Plaza
 No 899, Ling Ling Road,
 XuHui District
 200030 Shanghai, P.R. China
 Tel. +86 (0)21-523 40 960
 Fax +86 (0)21-644 72 007
 E-Mail: gezesh@geze.com.cn

China

GEZE Industries (Tianjin) Co., Ltd.
 Branch Office Guangzhou
 Room 17C3
 Everbright Bank Building, No.689
 Tian He Bei Road
 510630 Guangzhou
 P.R. China
 Tel. +86(0)20-38731842
 Fax +86(0)20-38731834
 E-Mail: gezegz@geze.com.cn

China

GEZE Industries (Tianjin) Co., Ltd.
 Branch Office Beijing No. 6-32
 Building
 Jili Avenue
 Daxing District
 100076 Beijing, P.R. China
 Tel. +86-(0)10-879751-77/-78
 Fax +86-(0)10-879751-71
 E-Mail: gezebj@geze.com.cn

France

GEZE France S.A.R.L.
 ZAC de l'Orme Rond
 RN 19
 77170 Servon
 Tel. +33-(0)1-606260-70
 Fax +33-(0)1-606260-71
 E-Mail: france.fr@geze.com

Hungary

GEZE Hungary Kft.
 Bartók Béla út 105-113.
 Budapest
 H-1115
 Tel. +36 (0) 14 81 46 70
 Fax +36 (0) 14 81 46 71
 E-Mail: office-hungary@geze.com

Iberia

GEZE Iberia S.R.L.
 Pol. Ind. El Pla
 C/Comerc, 2-22, Nave 12
 08980 Sant Feliu de Llobregat
 (Barcelona)
 Tel. +34(0)9-02194036
 Fax +34(0)9-02194035
 E-Mail: info@geze.es

India

GEZE GmbH India Liaison Office
 409, Apeejay Business Centre
 39, Haddows Road
 Chennai - 600 006
 Tamil Nadu
 Tel. +91 (0) 44 28 21 13 00
 Fax +91 (0) 44 28 21 13 00
 Mobile +91 (0) 9 962 592 636
 E-Mail: office-india@geze.com

Italy

GEZE Italia Srl
 Via Giotto, 4
 20040 Cambiago (MI)
 Tel. +3902950695-11
 Fax +3902950695-33
 E-Mail: italia.it@geze.com

Italy

GEZE Engineering Roma Srl
 Via Lucrezia Romana, 91
 00178 Roma
 Tel. +3906-7265311
 Fax +3906-72653136
 E-Mail: roma@geze.biz

Kazakhstan

GEZE Central Asia
 050061, Almaty, Kazakhstan
 Rayimbek ave. 348, A, office 310
 Tel. +7 (0) 72 72 44 78 03
 Fax +7 (0) 72 72 44 78 03
 E-Mail: office-kazakhstan@geze.com

Poland

GEZE Polska Sp.z o.o.
 ul. Annopol 21
 03-236 Warszawa
 Tel. +48 (0)22 440 4 440
 Fax +48 (0)22 440 4 400
 E-Mail: geze.pl@geze.com

Romania

GEZE GmbH Reprezentanta Romania
 Str. Ionescu Baican nr. 22
 RO-021835 Bucuresti, sector 2
 Tel. +40 (0) 21 25 07 750
 Fax +40 (0) 21 25 07 750
 E-Mail: office-romania@geze.com

Russian Federation

GEZE GmbH Representative
 Office Russia
 Kolodesnij pereulok3, str. 25
 Office Nr. 5201-5203
 107076 Moskau
 Tel. +7 (0) 49 55 89 90 52
 Fax +7 (0) 49 55 89 90 51
 E-Mail: office-russia@geze.com

Scandinavia

GEZE Scandinavia AB
 Mallslingan 10
 Box 7060
 18711 Täby, Sweden
 Tel. +46(0)8-7323-400
 Fax +46(0)8-7323-499
 E-Mail: sverige.se@geze.com

Scandinavia

GEZE Norway
 Postboks 63
 2081 Eidsvoll
 Tel. +47(0)639-57200
 Fax +47(0)639-57173
 E-Mail: norge.se@geze.com

Scandinavia

GEZE Finland
 Postbox 20
 15871 Hollola
 Tel. +358(0)10-4005100
 Fax +358(0)10-4005120
 E-Mail: finland.se@geze.com

Scandinavia

GEZE Denmark
 Høje Taastrup Boulevard 53
 2630 Taastrup
 Tel. +45(0)46-323324
 Fax +45(0)46-323326
 E-Mail: danmark.se@geze.com

South Africa

DCLSA Distributors (Pty.) Ltd.
 1027 Richards Drive, Midrand
 P.O. Box 7934
 Midrand 1685
 Tel. +27(0)113158286
 Fax +27(0)113158261
 E-Mail: info@dclsa.co.za

Switzerland

GEZE Schweiz AG
 Bodenackerstrasse 79
 4657 Dulliken
 Tel. +41-(0)62-2855400
 Fax +41-(0)62-2855401
 E-Mail: schweiz.ch@geze.com

Turkey

GEZE GmbH Türkiye - İstanbul
 İrtibat Bürosu
 Ataşehir Bulvarı, Ata 2/3
 Plaza Kat: 9 D: 84 Ataşehir
 Kadıköy / İstanbul
 Tel. +90 (0) 21 64 55 43 15
 Fax +90 (0) 21 64 55 82 15
 E-Mail: office-turkey@geze.com

Ukraine

Repräsentanz GEZE GmbH Ukraine
 ul. Vikentiya Hvoyki, 21,
 office 151
 04080 Kiev
 Tel. +38 (0) 44 49 97 725
 Fax +38 (0) 44 49 97 725
 E-Mail: office-ukraine@geze.com

United Arab Emirates/GCC

GEZE Middle East
 P.O. Box 17903
 Jebel Ali Free Zone
 Dubai
 Tel. +971(0)4-8833112
 Fax +971(0)4-8833240
 E-Mail: geze@emirates.net.ae

United Kingdom

GEZE UK Ltd.
 Blenheim Way
 Fradley Park
 Lichfield
 Staffordshire WS13 8SY
 Tel. +44(0)1543443000
 Fax +44(0)1543443001
 E-Mail: info@geze-uk.com

GEZE Representative