



Roma-door type GHD/3010-100

Application

The Roma-vertical lift door type GHD/3010-100 is an industrial, robust and low-maintenance door suitable for cooler and Ultra Low Oxygen or Controlled Atmosphere environments with temperatures from above -2°C. Roma-vertical lift doors meet all safety requirements.

Door leaf

Made up of sandwichpanels, horizontal placed and framed by a robust extra wide anodized aluminium profile fitted with thermal break.

Outside	: galvanized steel sheet provided with 200 µm plastisol coating with crocodile skin-pattern, colour RAL 5003
Inside	: galvanized steel sheet provided with 150 µm rigid and foodgrade pvc-film colour RAL 9001
Door leaf width	: 100 mm
Core insulation	: rigid PIR-foam, volume weight approx. 40 kg/m ³ .

Doorframe

Installation	: counter frame in sandwichpanel panel wall
Frame	: sturdy anodized aluminium profile, fitted with thermal break
Finish (reveal)	: stainless steel 304 connected to aluminium frame profile.

Functions

Operation	: manually or automated. Easy to switchover
Gas-tight Sealing	: by means of EPDM solid/sponge duplex-profile all around fit to the wall and 2 pieces of clamps pressed to the floor
Guidance door leaf	: the door leaf is securely connected to a chain mechanism at left and right side, placed with counter weights in closed housings. The that the door can be opened and closed easily
Min. required headroom	: 2 x door leaf height + 600 mm
Protection	: fall protection system standard included
Openers	: inside recessed handgrips in door leaf; outside aluminium buffer beam, size 50 x 130 mm in colour RAL 3001, including rubber buffer blocks at top ends
Warning sign	: warning label danger of suffocation in languages english, german, french, polish and dutch.

Options at additional cost

- 140 mm. door leaf
- Door leaf finished with foodgrade hard PVC-coating
- Door sill construction
- Locking devices, manual or automated
- Sill profile flush with floor line
- Doorframe heating
- Inspection hatches in door leaf (double glazing in plastic frame)
- Escape hatch or window (double glazing in plastic frame)
- Automatic operation and with numerous control options
- Cell numbers on door leaf.

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These illustrations and descriptions provide a general indication of the range of models, features and options available. This may differ from what is offered in the quotation