dormakaba Charon 20 Environmental impact factsheet

Charon 20 Half height swing doors

Key Figures

Lifetime per unit: 15 years **Weight per unit:** 26 kg

Electricity use per year: 32 kWh **Production location:** Bühl, Germany

Production standards

Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✓

Product declarations

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	SuPIM Data Sheet
✓			

Material used (%) Glass Aluminium Steel Stainless steel Plastic Electronics Paper

The GWP¹ across the life cycle is 265 kg CO₂e

This is similar to the CO₂ produced from a roundtrip flight from London to Amsterdam (700 km)



¹ Carbon dioxide equivalent (CO₂e) is the universal unit of measurement to indicate the global warming potential (GWP) of each of the six greenhouse gases, expressed in terms of the GWP of one unit of carbon dioxide. It is used to evaluate releasing (or avoiding releasing) different greenhouse gases against a common basis.



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Description

Opening on demand with the Charon 20 swing door. The Charon swing door can be installed directly on the housing of the Argus sensor barrier. It provides extended passage width with a clear opening of up to 900 mm to accommodate wheelchairs or material trolleys. The shape, surface and colour of the Charon 20 swing door precisely matches that of the sensor barrier to which it is bolted.

Total Global Warming Potential per life cycle stage (kg CO₂e)

