



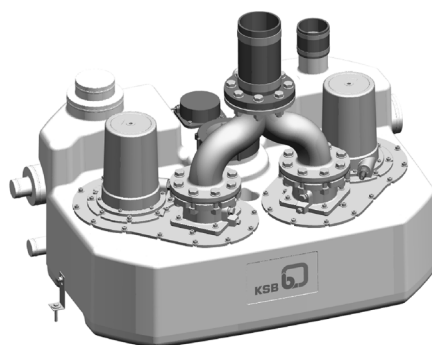
New!

Floodable sewage lifting units

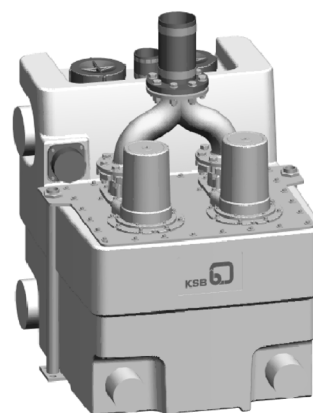
CE – EN 12 050-1



Compacta U3.100



Compacta UZ3.150



Compacta UZ3.450

Applications

Compacta units are used for the disposal of sewage from toilets, washing and shower facilities as well as bathrooms below the flood level in **sections** of private, commercial, industrial buildings, e.g.:

- Basement flats
- Bars, basement party rooms and saunas
- Cinemas and theatres
- Department stores and hospitals
- Hotels, restaurants and pubs or schools
- Public buildings
- Joint sewage disposal for rows of houses
- Industrial plants

Compacta U

Powerful single-pump units with a high effective volume for above-average waste water volumes and high discharge heads.

Compacta UZ

Duplex-pump units for installations requiring uninterrupted waste water drainage, e.g. in basement flats, restaurants / pubs, cinemas, etc. In accordance with EN12 050-1 a stand-by pump is required for such applications.

Fluid pumped

Sewage, clean and dirty water, waste water containing fibrous matter as well as faeces.

For handling aggressive fluids, special materials are available upon request.

Operating data

Q up to 140 m³/h, 39 l/s

H up to 24.5 m

t up to 40 °C, for max. 5 minutes up to 65 °C

Higher H/Q data on request.

Mode of operation

Intermittent operation

Continuous operation

S3 to VDE.

S1 on request

Bearings

Maintenance-free greased-for-life deep-groove ball bearings.

Designation

Type series _____ Compacta UZ 5. 300 D
 U = Floodable single-pump unit
 UZ = Floodable duplex-pump unit
 Hydraulics code _____
 Total volume of collecting tank (litres) _____
 D = Three-phase motor

Materials

Compacta	Hydraulics code	
	3 to 5	10 to 15
Tank	Polyethylene	Polyethylene
Pump casing	Grey cast iron	Grey cast iron
Impeller	Grey cast iron	Grey cast iron
Motor shaft	Stainless steel	Stainless steel
Check valve	Grey cast iron	-
Float	Polypropylene	Polypropylene
Screws, bolts and nuts	Stainless steel	Stainless steel

Special materials on request

Drive

Surface-cooled three-phase motors with motor protection. Protected against overheating by integrated temperature control devices.

Motor design to VDE 0530, Part 1/IEC 34-1.

Enclosure IP 68

Thermal class F

Voltage 400 V

Frequency 50 Hz

Starting method up to 4 kW: d.o.l.

from 5.5 kW: d.o.l. or star-delta

Three-phase voltages and frequencies other than 400 V / 50 Hz on request. Explosion-proof motors on request

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