Heatable containers – heated container solutions in stainless steel for liquid products

SCHÄFER
CONTAINER SYSTEMS

Heatable containers – heated container solutions in stainless steel for liquid products

Applications

- Food industry
- Pharmaceuticals
- Chemicals
- Adhesives
- Paints/Lacquers

Tank material: inner container

Stainless steel 1.4301 / 1.4404 / 1.4571

Wall thicknesses

2.0 mm or 2.5 mm for the top section, shell and hopper

Manhole

DN 400 in the top section, with screwed cover
and eyebolts

Insulated container

Material: Stainless steel 1.4301

Insulation: Perlite, loose fill

Transport frame

Material: Stainless steel 1.4301

suitable for handling with forklift vehicles, cranes, stackable.

Frame can be sprayed on customer request

Drain valve

Types: DN 80 butterfly-valve with tank / camlock coupling
or blind cap, reduction to DN 50 possible

Optional

- Stirring devices
- Liquid level measurement
- Customer specific connectors in the top section
- ATEX design for the heating device
- Internal anti-corrosion coating
- UN 31A approval for the transport of dangerous goods

Standard temperature regulation

Heating capacity	2000W / 230V
Heater circuits	1
max. product temperature	120°
Wall plug	CEE plug
Elapsed-time counter	integrated into temperature regulator
Data logger function	integrated into controller

Additional equipment: temperature regulation by touch panel

Temperature monitoring	product, heater, limitation
Safety temperature limitation	after exceeding for 1st. time, restart poss. after 60 mins. after exceeding for 2nd. time, restart by service team
Elapsed-time counter	two, total and temporary
Data logger function	rolling, data period can be limited, .txt file readable via USB interface,
Programming control	using touch panel
Operator levels	PW protection, users, operators
Alarm messages	rolling, protocol visible in a matrix via touch panel
Temperature curve	rolling, the last 9 hours are displayed
Languages	operator language can be changed

Operator friendly touch panel for heater control

Dimensions
Basic size: 1,200 x 1,100 mm

Type	Volumes (litres)	Height (mm)
RCB 500	500	1,100
RCB 600	600	1,210
RCB 700	700	1,320
RCB 800	800	1,440
RCB 1.000	1,000	1,670

Dimensions
Basic size: 1,240 x 835 mm

Type	Volumes (litres)	Height (mm)
CHB 500	500	1,245
CHB 600	600	1,360
CHB 700	700	1,475
CHB 800	800	1,590
CHB 1.000	1,000	1,820