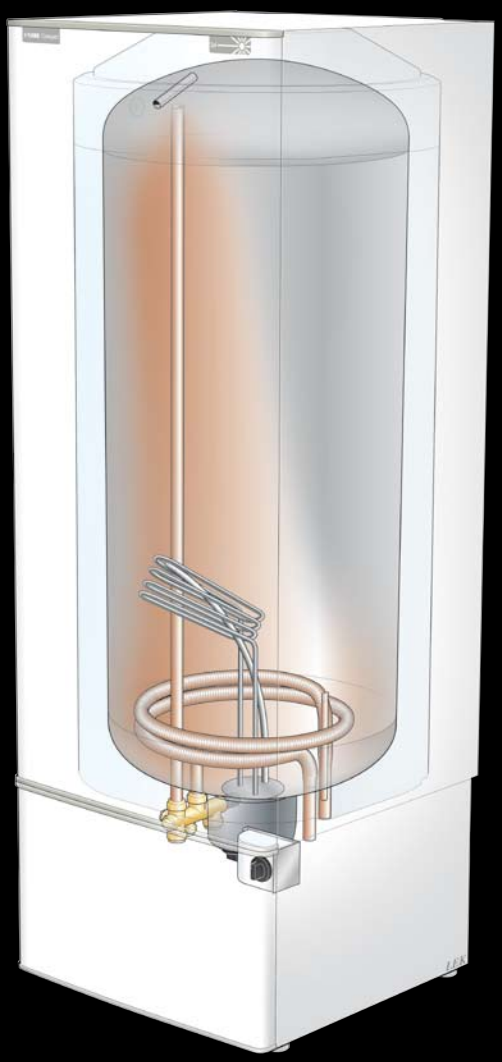
NEW!
COMPACT SOL

COMPACT SOL 300

- Copper comb pipe coil for connection to solar panel
- Good heat insulation with EPS
- Piping can be routed up from beneath or down from above.



COMPACT SOL

Copper lined electric water heater that can utilise the heat of the sun.

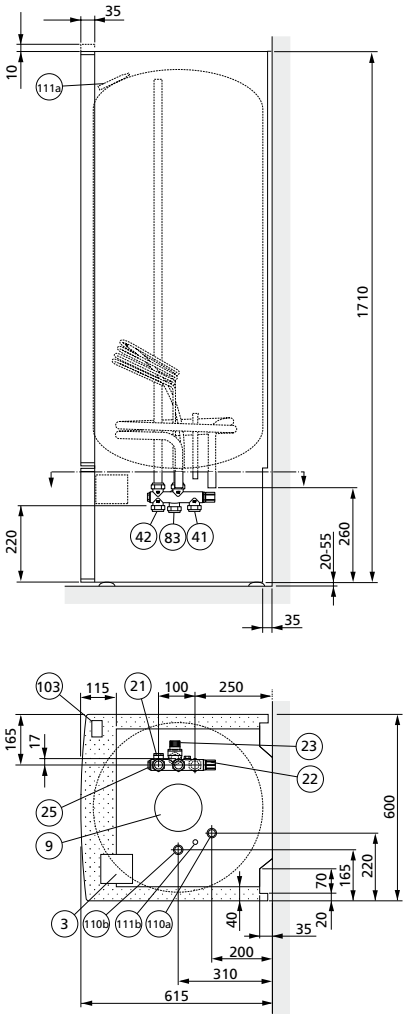
The water tank consists of a steel vessel, with a copper lining to protect against corrosion. Copper comb pipe coil for connection to solar panel. The pressure vessel is designed and manufactured for a maximum cut-off pressure of 9 bar. The water tank is insulated with EPS (environmentally friendly cellular plastic), which provides good thermal insulation. The water heater is designed for upright installation. A complete set of valves, consisting of a mixer valve, non-return valve, vacuum valve, safety/drain valve and shut-off valve, are factory fitted. Suitable area for the connected solar panel for COMPACT SOL is up to 6m2

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Technical specifications COMPACT SOL 300

Model		300	
Required ceiling height	(mm)	1 835	
Voltage (standard design)		230 V	400 V
Enclosure class		(Moisture-proof) IP 24	
Output	(kW)	1	3
Fuses required at 1.0 - 3.0 kW	(A)	6	10
Heating-up time to 45 °C at 1.0 / 3.0 kW*	(hours)	11,5	4,0
Heating-up time to 80 °C at 1.0 / 3.0 kW*	(hours)	22,5	7,5
Heat content at 80°C	(kWh)	22,4	
Volume	(litres)	275	
Net weight	(kg)	125	

Dimensions



Equipment

3 Connection area circuit breaker:
1 Terminal block
2 Isolator switch

9 Connection area thermostat/immersion heater:
5 Thermostat/temperature limiter
6 Immersion heater HAR 14-112 3 kW

21 Vacuum valve

22 Shut-off valve with non-return valve function

23 Safety/drainage valve

25 Mixer valve

41 Cold water inlet. Compression ring coupling Ø 22 mm

42 Mixed water. Compression ring coupling Ø 22 mm

83 Overflow pipe connection for safety valve and draining. Compression ring coupling

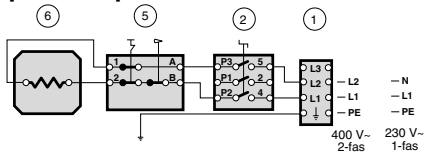
103 Serial number plate

110 Connection, solar coil Ø 22 mm Submerged tube Ø 10 mm (int)

111 Sensor connection Ø 10 mm (int)

Electrical circuit diagram

1-phase/2-phase



Note! Pipes must not be run in the area indicated by dots.

* The lower section of the side panels can be removed during installation, which facilitates installation in confined spaces.

IP24 PED

KIF GB M10621 COMPACT SOL 300 0817-1
NIBE makes reservations for any factual or printing errors.