



Solarcheck Mobilcenter KOMPAKT



Small Size – Great Device

Filling and Flushing Station for

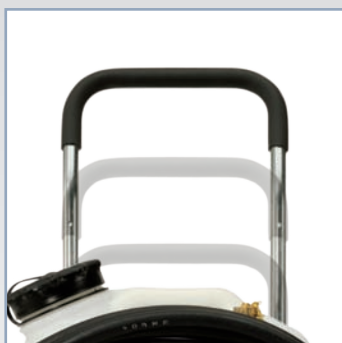
- solar collectors
- ground collectors
- ground probes
- panel heating systems



THE ORIGINAL
Made in Germany



ZUWA Solarcheck Mobilcenter



*telescopic handle
with softgrip*



capacity indicator



*return hose connection
in 90° angle*



*all-terrain
pneumatic tires*



*pump UNISTAR with filter
and pressure relief valve*



*hoses with ball valves, crimped
fittings and swivel connector*



carrying handle

Built to work

On account of their robust construction ZUWA HVAC stations are suitable for on site application. The fully developed devices have been proved and tested for more than a decade in heating installation.

■ Powerful pumps

- self-priming
- high flow rate for filling solar loops quickly and free of air enclosures
- fine filter covered by transparent plastic cup
- pressure relief valve (not for all types)

All pumps are getting almost completely drained after use.

No leaking of liquids during transport, no cleaning required when a different medium is used.

■ Rugged cart with hose bracket

- large pneumatic tires
- convenient to manoeuvre even on rough ground or on stairs

■ Resistant fill and return hoses

- high quality, temperature resistant hose materials
- threaded hose couplings with high-pressure crimped fittings
- hose clips guarantee tightness even at high temperatures
- interlock connector prevents residual liquids from leaking during transport
- return hose connection 90° angle, no bending of hose - secured caps

■ Interchangeable 30 litres tank

- wide filling mouth with tight locking screw cap
- stop valve on the bottom of the tank
- easy cleaning and changing of tanks when different heat transfer fluids are used
- suction port located at the lowest point of the tank, complete draining at end of operation

ZUWA Solarcheck Mobilcenter



Solarcheck Mobilcenter UNISTAR



Solarcheck Mobilcenter P80

Easy transport

The new compact versions of the ZUWA filling stations are small, convenient to transport and fit upright into the trunk of a Volkswagen Rabbit!

- A **carrying handle** on rearward side allows for single handed transport of the device, stairs or other obstacles cause no problems. The device sits closely to the body axis and can be carried very comfortable.
- The **telescopic handle** with soft grip is **height adjustable** from 78 to 110 cm.
- The device is **absolutely leak proof**, both in horizontal or vertical position.

Solarcheck Mobilcenter UNISTAR

Top equipment down to the smallest detail!

■ Pump UNISTAR 2000-A

Dry self-priming impeller pump with glycol resistant Perbunan impeller.

■ High temperature resistant supply and return hose

Hoses are resistant to temperatures up to 100°C. Threaded hose couplings with high-pressure crimped fittings.

■ Drain valve on pressure side

The manual drain valve at the pump outlet is used to relieve the pressure in the delivery hose after operation. Thus the hose can be easily and quickly disconnected from the fittings.

■ Ball valves at hose ends (not for US market)

The ball valves at the hose ends are leak-proof and allow for pre-filling the hoses. No air from the hoses enters into the solar collectors during filling process.

Solarcheck Mobilcenter P80

Proven and tested solar filling station for solar pros – now also in the new compact version

■ Pump P80

Self-priming robust centrifugal pump with small pump chamber retaining only little residual liquid

■ Temperature resistant supply and return hose

Temperature resistant hoses up to 60°C, threaded hose couplings with high-pressure crimped fittings

Technical Data

Type	Solarcheck Mobilcenter	
	UNISTAR 2000-A	P 80
Pump	dry self-priming impeller pump UNISTAR 2000-A with glycol resistant impeller	self-priming centrifugal pump
Max. flow rate	30 L/min	31 L/min
Max. working pressure	5 bar	5.9 bar
Max. temperature	90°C	60°C
Motor	230V/50 Hz, 110V/50 Hz (UK), 110V/60Hz (USA/CAN) with thermal motor protection, 2 m cable with plug	230V/50 Hz with thermal motor protection, 2 m cable with plug
Drain valve on pressure side	yes	no
Hoses	EPDM hose with ball valves for temperatures up to 100°C (for a short time even to 120°C)	PVC hose for temperatures up to 60°C
	all with crimped hose fittings	
Tank	UV resistant PE tank with wide lock-up opening, capacity indicator and stop valve at the outlet, content 30 litres	
Material cart	robust welded chassis, powder-coated steel, telescopic handle with softgrip	
Dimensions L x W x H (without hoses)	760-1000-1100 x 490 x 510 mm packing dimensions: 800 x 400 x 500 mm (12 units fit onto one pallet)	
Weight (cart with pump, hoses and empty tank)	20.9 kg	21.2 kg

* For higher capacities (60 or 90 L/min) please look at our FLUSH PRO models.

Accessories

Filter bags for heavily soiled fluids, preventing the fine filter on the pump's suction side from clogging during cleaning processes of radiant floor heating systems, solar collectors or similar.

Screw cap to connect with return hose and to fix the filter bags. Pressure compensation valve.



Remote Control with 10 m cable and ON/OFF switch

ZUWA-Zumpe GmbH Pumps and Plant Protection Equipment

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