

DESCAL

Flushing station for effective descaling of heat exchangers and hot water storage tanks

The DESCAL is a specifically designed tool for HVAC professionals to flush boilers and heat exchangers with descaling agents. The device was tested and approved with the following agents:

- ▶ KalkLöser, formic acid based, and Citroplus, citric acid based by SANIT
- ▶ Entkalker 212 and 212 TW by SOTIN



Function

An agent circulates between heat exchanger and the DESCAL. Limescale is softened, washed out and collected in the tank.

The flushing process is repeated until the liquid is free of scale residues which can be controlled via the transparent hoses and the filter casing.

✓ effective:

- a high flow rate and high pump pressure make for a thorough separation of the scale

✓ clean:

- a pressure relief valve at the pump outlet avoids acid from being set free when the hose is disconnected after use
- pump gets almost completely empty after use and can be opened easily for cleaning.
- ball valve allows for cleaning the pump without removing the softening agent from the tank as well as priming fluids from external tanks.

Features

- dry self-priming impeller pump with stainless steel housing, flow rate: max. 30 L/min
- filter and vision panel at pump inlet
- pressure relief valve at pump outlet
- suction and pressure hose, 3 m each
- corrosion resistant connections
- comfortable trolley with large wheels and telescopic handle
- carrying handle on rearward side
- removable plastic tank with stop valve

Furrings with a thickness of one millimetre reduce the efficiency of a heat exchanger already by 10%. Thicker layers may cause a loss of 40%. Regions with limy water call for a periodic decalcification of heat exchangers and storage water heaters.

DESCAL

DESCAL extensions



■ Overflow containment *New*

Collect overflowing descaling agent

Plastic box with 3 m hose and stainless steel fittings
The containment safely collects overflowing or over-foaming antiscaling agent. The fluid runs controlled into the box through a bent hose guidance.
The agent can safely be primed directly from the box without decanting.



■ Solar *New*

More functions – the DESCAL can also be used to fill and flush solar or ground collectors when equipped with the extension kit Solar, consisting of

- replacement tank for heat transfer fluid
- 2 x 3 m high temperature resistant hoses



■ Reverse flow direction *New*

Descaling more effectively

With this device flow can be regulated and the flow direction reversed, improving the flushing process and removal of limescale.

On option: connection for compressed air

Note: The large fleece filter bags (page 11) collect the solute and scoured limescale already before they get to the pump.

Accessories

Handy accessories: filter bags and tank lid *New*



The new disposable filter bags are used in cases of heavily silted heating water or polluted heat transfer medium. They supplement the filter on the suction side of the pump on the ZUWA filling stations and prevent this filter from clogging.

Quite simple: just hinge filter bag into the mouth piece of the tank and fix with the specific tank lid.

Suitable for the following devices:

- SOLARCHECK MOBILCENTER
- FLUSH PRO
- DESCAL

Filter bags in a pack of 10 pieces

Two types: 70 µm for coarse-grained particles and 40 µm for fine-grained particles

Screw lid with

- brass or stainless steel fitting
- return hose connection
- pressure compensating valve

Filter bags	Solarcheck Mobilcenter, DESCAL and FLUSH PRO 60 10 filter bags (5 pcs à 70 µm / 5 pcs à 40 µm)	article No. 132003
	FLUSH PRO 90 - 10 filter bags (70 µm)	article No. 132005
Screw lid	brass	article No. 805531
	stainless steel	article No. 805532
	for FLUSH PRO 90	article No. 805533