

# FLUSH PRO <sup>New</sup>

*The modular system for modern HPAC Engineering*

**Solar Collectors - Heat Pumps - Hydraulics  
flush - fill - drain - bleed**

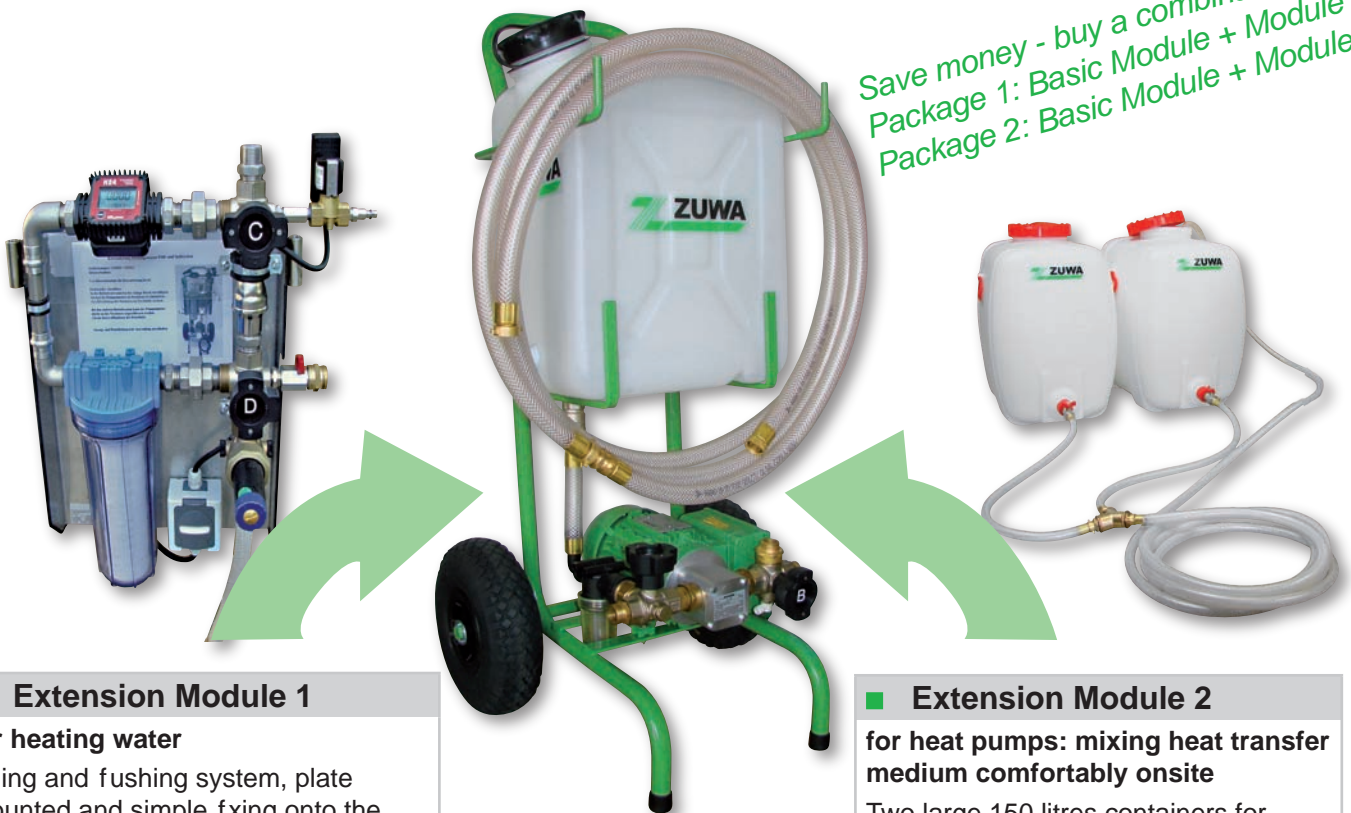
## ■ Basic Module

**for solar collectors and heat pumps**

Solar collectors, hydro extractors and geothermal probes:  
**flushing, filling and venting in one operation.**

The basic module is equipped with pump, hoses, cart and tank. The two extension modules make it a versatile and indispensable tool for the HPAC professional.

*Save money - buy a combination  
Package 1: Basic Module + Module 1  
Package 2: Basic Module + Module 2*



## ■ Extension Module 1

**for heating water**

Filling and flushing system, plate mounted and simple fixing onto the hose bracket. With filter and flow meter to control filling capacity.

Connections for treated water from separate water softening equipment are at hand

**FLUSH PRO meets the requirements of VDI guideline 2035 and Austrian Standard ONORM H 5195-1.**

## ■ Extension Module 2

**for heat pumps: mixing heat transfer medium comfortably onsite**

Two large 150 litres containers for mixing the heat transfer medium directly on site.

The multifunctional valves of the basic module can be set in a way that the medium circulates between pump and containers to achieve a perfect mixture.

# Technical Details



## ■ Basic Module

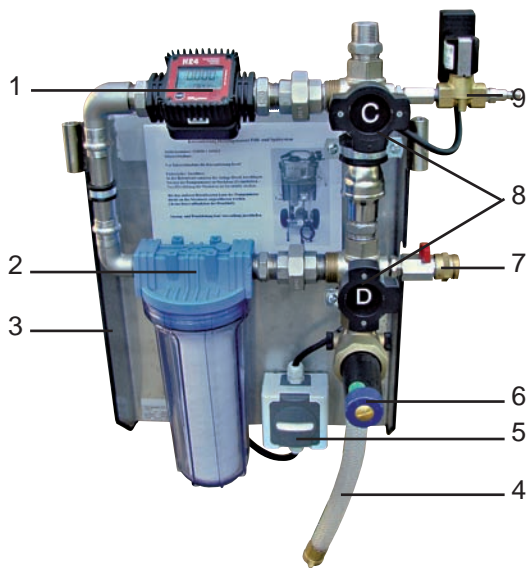
### Universal flushing and filling station

Article code: 134058

- ▶ dry self priming impeller pump with a flow rate of 60 litres/min at a maximum pressure of 5 bar
- ▶ filter and vision panel in front of the pump
- ▶ vent valve on pressure side
- ▶ sturdy cart with pneumatic tyres
- ▶ container with 30 litres
- ▶ supply and return hose, 3 metres each
- ▶ 2 multifunctional valves

## Powerful Pump for rapid filling without air enclosures

The core of the Flush Pro is an easy to maintain top quality ZUWA Impeller Pump. The robust pump transports particles without any problems. Even dirty heating water from clean up operations can be pumped. The high volume makes for a fast filling and a complete removal of air enclosures in the circuit. The glycol resistant impeller material can be used for heat transfer medium as well as for lime.

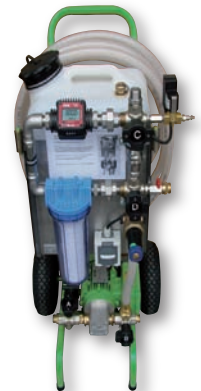


## ■ Extension Module 1

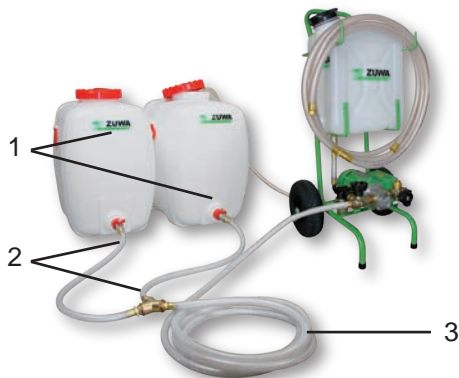
### Flushing and filling system for heating water

Article code: 105013

- ▶ digital flow meter (1)
- ▶ 20 µm filter (2)
- ▶ stainless steel plate (3)
- ▶ hose connection to pump (4)
- ▶ plug IP 44 (5)
- ▶ pressure reducer (6)
- ▶ connection to water softening equipment (7)
- ▶ 2 multifunctional valves\* (8)
- ▶ compressed air connection with electromagnetic timer valve (9)



\* to guide the flow of water through counter and filter or to bypass both



## ■ Extension Module 2

### Mixing vessels for lime

Article code: 105012

- ▶ 2 containers 150 litres with stop valve (1)
- ▶ hose fork (2)
- ▶ suction pipe 6 metres 3/4" (3)

