

# ROLLER'S Solar-Control



**Powerful electric filling and flushing unit for fast, easy filling, flushing and venting of closed systems.**

- Ideal for solar power systems, floor/wall surface heatings, ground heating systems and filling vessels.
- Filling and flushing unit for flushing, filling and venting in one action. For heat transfer liquid, antifreeze, water, aqueous solution, emulsions.
- High transport capacity for fast filling, efficient flushing and venting of closed systems and for filling tanks.
- On a strong, mobile tubular steel frame for secure standing and simple transport. With practical hose holder.
- Removable, strong plastic tank (30 l capacity) with extra large opening for easy filling and cleaning. Fast opening and closing by practical screw cap. Easy changing of the vessel by shutoff tap, e.g. when using different heat transfer liquids. Easy carrying of the plastic container by two practical handles. Return connection with immersion pipe, therefore no foaming of the pumped medium.
- Fine filter with large viewing window in the suction line for easy recognition of air in the circuit as well as emitted contamination, e.g. chips, solder or welding residue.
- Optionally:

### ROLLER'S Solar-Control K 60

Self-priming centrifugal pump, suitable for different media, e.g. heat transfer liquids, antifreeze, water, aqueous solutions. With proven, powerful condenser motor with quiet running, 860 W, on/off switch. Transport pressure  $\leq 5.5$  bar / 0.55 MPa / 80 psi, transport volume  $\leq 36$  l/min, at 40 m Transport height 16 l/min, temperature of the liquids (continuous load)  $\leq 60^\circ\text{C}$ , pH value of the liquids 7–8. As suction and return line two flexible, transparent PVC fabric hoses  $\frac{1}{2}$ " T 60, each 3 m long, with  $\frac{3}{4}$ " connections on both sides, temperature resistant up to  $60^\circ\text{C}$ .

### ROLLER'S Solar-Control I 80

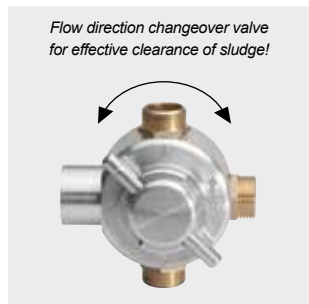
Dry self-priming impeller pump with special impellers, suitable for different media, e.g. heat transfer liquids, water, aqueous solutions, mineral and vegetable oils, emulsions, antifreeze, cleaning agents. With proven, powerful condenser motor with quiet running, 1000 W, on/off switch. Transport pressure  $\leq 6.5$  bar / 0.65 MPa / 94 psi, transport volume  $\leq 27$  l/min, at 40 m Transport height 16 l/min, temperature of the liquids (continuous load)  $\leq 80^\circ\text{C}$ , pH value of the liquids 7–8. As suction and return line two flexible EPDM fabric hoses  $\frac{1}{2}$ " T 100, each 3 m long, with  $\frac{3}{4}$ " connections on both sides, temperature resistant up to  $100^\circ\text{C}$ .

- Shut-off valve for closing the pressure or return line, e.g. during transport (accessory).
- Changeover valve for alternative suction of the transport medium from another tank, e.g. for larger volumes (accessory).
- For flushing underfloor and wall heaters and clearing sludge:  
 Fine filter with fine filter bag  $70\ \mu\text{m}$  (accessory), consisting of screw lid with return flow connection for return line with  $\frac{3}{4}$ " fitting, adapter and fine filter bag  $70\ \mu\text{m}$  or fine filter with fine filter insert  $50\ \mu\text{m}$  (accessory), washable, with large dirt collection vessel for return line with  $\frac{3}{4}$ " fitting.  
 Flow direction changeover valve (accessory) complete with EPDM fabric hose  $\frac{1}{2}$ " T100, for flushing underfloor heating/wall radiators and effective clearance of sludge by pressure surges when flow direction changes.

German Top Quality



Fine filter with fine filter insert  $50\ \mu\text{m}$  for flushing underfloor heatings!



Flow direction changeover valve for effective clearance of sludge!



Fine filter with fine filter bag  $70\ \mu\text{m}$  for flushing underfloor heatings!

Scope of Delivery

Art.-No.

### ROLLER'S Solar-Control K 60

Filling and flushing unit with centrifugal pump, plastic tank 30 l, pressure and return line  $\frac{1}{2}$ " T 60, on strong, mobile tubular steel frame

115312

### ROLLER'S Solar-Control I 80

Filling and flushing unit with impeller pump, plastic tank 30 l, pressure and return line  $\frac{1}{2}$ " T 100, pressure relief valve, on strong, mobile tubular steel frame

115311



860 W!



1000 W!



**PVC fabric hose ½" T60**  
for pressure or return line, 3 m long, with ¾" screw connections, temperature-resistant ≤ 60°C

115314

**EPDM fabric hose ½" T100**  
for pressure or return line, 3 m long, with ¾" screw connections, temperature-resistant ≤ 100°C

115315

**EPDM fabric hose ½" T165** for pressure or return line, 3 m long, with ¾" screw connections, temperature-resistant ≤ 165°C

115319

**¾" shut-off valve** for closing the pressure and return line, e.g. during transport

115324

**Pressure relief valve**

115217

**Changeover valve** for alternative suction of the transport medium from another tank

115325

**30 l plastic tank**

made of UV-stabilised PE

115375

**Fine filter with fine filter bag 70 µm**, consisting of a screw cap with return line connection for return line with ¾" union, adapter, 1 fine filter bag 70 µm, for flushing underfloor heating/wall radiators and clearing sludge

115220

**Fine filter bag 70 µm**, pack of 10  
fine file filter with fine filter bag 70 µm

115221

**Fine filter with fine filter cartridge 50 µm**, washable, with large dirt collection vessel, for return line with ¾" union, for flushing underfloor heating/wall radiators and clearing sludge

115323

**Fine filter cartridge 50 µm**, for fine filter with fine filter cartridge 50 µm

043052

**Flow direction changeover valve** complete with EPDM fabric hose ½" T100, for flushing underfloor heating/wall radiators and effective clearance of sludge by pressure surges when flow direction changes.

115326