

# REMS Solar-Push

Electric filling and flushing unit

Powerful electric filling and flushing unit for fast, easy filling, flushing and venting of closed systems. Ideal for solar power systems, ground heat systems and underfloor/wall heating.

Tank volume 30 litres

## REMS Solar-Push K 60 with centrifugal pump

Transport capacity at 40 m pumping head 16 l/min

Transport volume ≤ 36 l/min

Transport pressure ≤ 0.55 MPa/5.5 bar/80 psi

Temperature of the transported media (constant load) ≤ 60°C

pH value of the transported media 7–8

## REMS Solar-Push I 80 with impeller pump

Transport capacity at 40 m pumping head 18 l/min

Transport volume ≤ 27 l/min

Transport pressure ≤ 0.65 MPa/6.5 bar/94 psi

Temperature of the transported media (constant load) ≤ 80°C

pH value of the transported media 7–8

Media transported: heat transfer liquids, antifreeze, water, aqueous solutions, emulsions

**REMS Solar-Push – filling, flushing and venting in one action. Self priming. High transport capacity.**

### System advantage

Filling, flushing and venting in one action. Ideal for solar power systems, ground heat systems and underfloor/wall heating. Also for filling tanks.

### Design

Powerful, electric filling and flushing unit on stable, mobile tubular steel frame for secure standing. 2 large, air-filled tyres for easy transport in rugged building site conditions. Practical hose holder. Low weight, only 19 kg. Sturdy plastic tank to hold 30 litres, made of UV-stabilised PE, with filling level indicator, removable, for easy cleaning, with large opening for easy filling. Practical screw cap for fast opening and closing. Return connection 3/4" with immersion pipe avoids foaming of the transport medium when it enters the plastic tank. Stop tap for easy cleaning and easy changing of the plastic tank when using different transport media. Two practical handles for easy carrying of the plastic tank. High temperature-resistant connecting hose between plastic tank and pump. Fine filter in the suction line with large viewing window for easy recognition of residue air in the circuit as well as emitted contamination, e.g. chips, solder and welding residue.

### REMS Solar-Push K 60

Self-suction centrifugal pump, suitable for different transport media, e.g. heat transfer liquids, antifreeze, water, aqueous solutions, emulsions. With proven, powerful condenser motor with quiet running, 860 W, on/off switch. High transport volume 36 l/min for fast filling, efficient flushing and venting of closed systems and for filling tanks. Pressure relief valve for simple pressure relief in the pressure hose at the end of operation, as an accessory. For continuous load ≤ 60°C. 2 pieces flexible, transparent PVC fabric hoses 1/2" T60, for pressure and return lines, each 3 m long, with 3/4" hose screw fittings, temperature-resistant ≤ 60°C.

### REMS Solar-Push I 80

Dry self-suction impeller pump with special impeller, suitable for different transport media, e.g. heat transfer liquids, antifreeze, water, aqueous solutions, emulsions. With proven, powerful condenser motor with quiet running, 1000 W, on/off switch. High transport volume 27 l/min for fast filling, efficient flushing and venting of closed systems and for filling tanks. Pressure relief valve for simple pressure relief in the pressure hose at the end of operation. For continuous load ≤ 80°C. 2 flexible EPDM fabric hoses 1/2" T100 (synthetic rubber) for pressure and return lines, each 3 m long, with 3/4" hose screw fittings, high temperature-resistant ≤ 100°C.

### Extensive accessories

Shut-off valve for closing the pressure or return line, e.g. during transport. Fine filter with fine filter bag 70 µm, consisting of a screw cap with return line connection for return line with 3/4" union, adapter and fine filter bag 70 µm, or fine filter with fine filter cartridge 90 µm, washable, with large dirt collection vessel, for return line with 3/4" connection for flushing underfloor heating/wall radiators and clearing sludge. Flow direction changeover valve complete with EPDM fabric hose 1/2" T100, for flushing underfloor heating/wall radiators and effective clearance of sludge by pressure surges when flow direction changes. Changeover valve for alternative suction of the transport medium from another tank, e.g. for larger volumes.



German Quality Product



K 60



I 80



## Supply format

**REMS Solar-Push K 60.** Electric filling and flushing unit for fast, easy filling, flushing and venting of closed systems. Transport volume  $\leq 36$  l/min, tank volume 30 l. With centrifugal pump, temperature-resistant for continuous load  $\leq 60^\circ\text{C}$ . Transport pressure  $\leq 0,55$  MPa/5,5 bar/80 psi. Condenser motor 230 V, 50 Hz, 860 W. 2 pieces flexible, transparent PVC fabric hoses  $\frac{1}{2}$ " T60, each 3 m long, temperature-resistant  $\leq 60^\circ\text{C}$ . In box.

	Art.-No.	
	115312	

Other voltages on request.



## Supply format

**REMS Solar-Push I 80.** Electric filling and flushing unit for fast, easy filling, flushing and venting of closed systems. Transport volume  $\leq 27$  l/min, tank volume 30 l. With impeller pump, temperature-resistant for continuous load  $\leq 80^\circ\text{C}$ . Transport pressure  $\leq 0,65$  MPa/6,5 bar/94 psi. Transport capacity at 40 m transport height 10 l/min. Condenser motor 230 V, 50 Hz, 1000 W. Pressure relief valve. 2 pieces flexible, EPDM fabric hoses  $\frac{1}{2}$ " T100, each 3 m long, high temperature-resistant  $\leq 100^\circ\text{C}$ . In box.

	Art.-No.	
	115311	

Other voltages on request.



## Accessories

Description	Art.-No.
<b>PVC fabric hose <math>\frac{1}{2}</math>" T60</b> for pressure or return line, 3 m long, with $\frac{3}{4}$ " hose screw fittings, temperature-resistant $\leq 60^\circ\text{C}$ .	115314
<b>EPDM fabric hose <math>\frac{1}{2}</math>" T100</b> for pressure or return line, 3 m long, with $\frac{3}{4}$ " hose screw fittings, high temperature-resistant $\leq 100^\circ\text{C}$	115315
<b>EPDM fabric hose <math>\frac{1}{2}</math>" T165</b> for pressure or return line, 3 m long, with $\frac{3}{4}$ " hose screw fittings, high temperature-resistant $\leq 165^\circ\text{C}$	115319
<b><math>\frac{3}{4}</math>" shut-off valve</b> for closing the pressure or return line, e.g. during transport.	115324
<b>30 l plastic tank</b> made of UV-stabilised PE.	115375
<b>Pressure relief valve</b> for Solar-Push K 60.	115217
<b>Fine filter with fine filter bag 70 <math>\mu\text{m}</math></b> , consisting of a screw cap with return line connection for return line with $\frac{3}{4}$ " union, adapter, 1 fine filter bag 70 $\mu\text{m}$ , for flushing underfloor heating/wall radiators and clearing sludge	115220
<b>Fine filter bag 70 <math>\mu\text{m}</math> (pack of 10)</b> , fine file filter with fine filter bag 70 $\mu\text{m}$	115221
<b>Fine filter with fine filter cartridge 90 <math>\mu\text{m}</math></b> , washable, with large dirt collection vessel, for return line with $\frac{3}{4}$ " union, for flushing underfloor heating/wall radiators and clearing sludge	115323
<b>Fine filter cartridge 90 <math>\mu\text{m}</math></b> , for fine filter with fine filter cartridge 90 $\mu\text{m}$	043054
<b>Flow direction changeover valve</b> 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	115326
<b>Changeover valve</b> for alternative suction of the transport medium from another tank, e.g. for larger volumes.	115325

