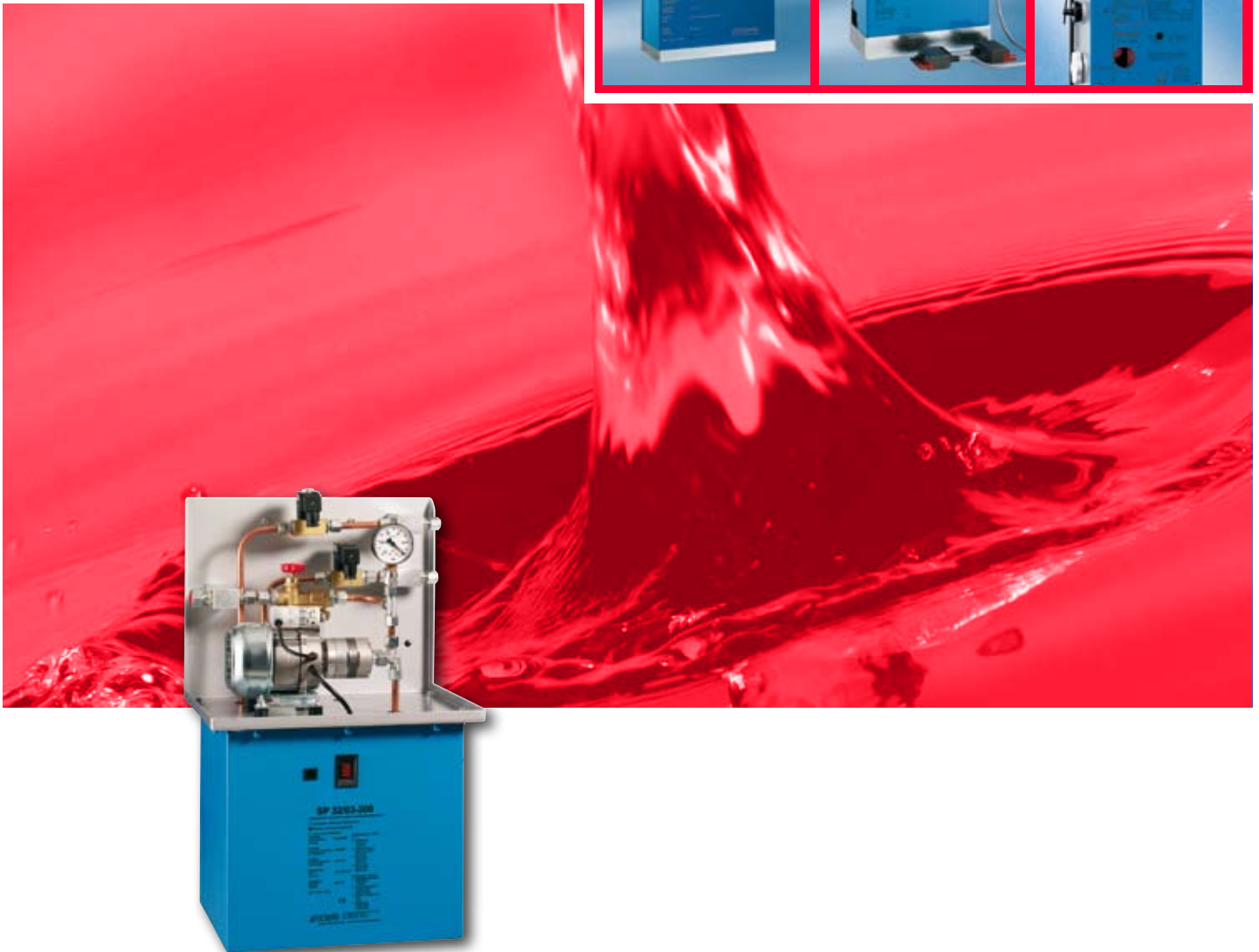


# Oil lifter and pressure pumps

First choice for heating professionals



# Pressure Pumps

## SK 9 E FP 8 E

With electromagnetic piston pump, four different flow rates adjustable, self regulating pressure control, pressure relief valve, safety oil chamber, bleed & drain valve, built-in suction filter, completely wired with earthing contact-type plug and mounting strip. Tube connection: 8 x 1 mm. **The unit can be used for different applications by changing the position of a jumper on the pump's PCB.**

- 1. Delivery status of SK 9 E:** Pump doesn't restart automatically in case of power failure (only for oil oven applications)
- 2. Facility of converting to FP 8 E:** For use only as a feeder pump within control circuits (e.g. for pressure atomiser oil burners)

### Applications:

- **Version SK 9 E:** Central oil distribution systems with one or more oil ovens to be used as a permanent operating pump during the heating season (not usable for full-year operation)
- **Version FP 8 E:** Feeding pump for oil burners in one-line systems or automatic oil evaporation burners (e.g. for tiled stoves)

### Technical Data:

**Electrical spec.:** 230 V/50-60 Hz, 25 VA  
**Max. delivery rate:** 4-12 l/h  
**Max. delivery height:** 15 m  
**Max. suction height:** 3 m  
**Dimensions (L x W x H):** 155 x 106 x 105 mm  
**Weight:** 2 kg  
**Integrated check valve on the suction line!**

## Pressure Pump Aggregate



110285

CE

## KD 10

With electromagnetic piston pump, control and safety device depending on the delivery length, pressure gauge, built-in suction filter, pipe connections 8 x 1 mm, completely wired with earthing contact-type plug and mounting strip. Built-in safety oil pan with emergency shut-off function!

### Applications:

- Central oil distribution systems up to 12 users, suitable for full-year operation
- Feeding pump for oil burners in one-line systems

### Technical Data:

**Electrical spec.:** 230V/50-60 Hz, 25 VA  
**Max. delivery rate:** 14 l/h  
**Max. delivery height:** 14 m  
**Max. suction height:** 3 m  
**Dimensions (L x W x H):** 280 x 180 x 150 mm  
**Weight:** 4 kg  
**Integrated check valve on the suction line!**

## Pressure Storage Aggregate



110493

CE

## DSA 100

The aggregate consists of a powerful but noiseless inner gear pump, driven by an electric motor. The pump fills a 5L membrane accumulator. The switch control works dependently on the pressure. In case of a line break the unit will be automatically stopped by a security switch (< 2 bar), as described in the norm EN12514.

The check valve protects the suction pipe against a pressure increase and prevents any fuel oil release. An integrated recovery security tank with a leakage sensor assures additional safety. This system integrates a filter on the suction line.

The function of the pump is completely monitored, with a status indication of the operation status on a front screen. The cover is easily removable and protects the device against dust and humidity. Suction and pressure connections are designed for copper pipes of 10 x 1 mm. The device is delivered with installation material and electrical plug.

### Applications:

- Central oil supply systems for housing estates with several oil ovens (> 12 users) suitable for full-year operation.
- Automatic supply of oil burners, combined heat and power stations or similar devices in one-pipe-systems up to 1000 KW.

### Technical Data:

**Electrical spec.:** 230V/50 Hz, 130 VA  
**Max. delivery rate:** 100 l/h  
**Max. delivery height:** 26 m  
**Max. suction height:** 3 m  
**Pressure rate:** max. 3.2 bar  
**Extension tank:** 5 l contents  
**Dimensions (L x W x H):** 510 x 530 x 240 mm  
**Weight:** 21 kg  
**Integrated check valve on the suction line!**

## Fuel Oil Pressure Storage Aggregate



112598

CE

# Suction Pumps

## SP 32/01

With electromagnetic piston pump, float-, control- and safety device, built-in suction filter, check valve, 1,6 l oil storage tank, LCD display with permanent function-control feedback, built-in safety oil pan with emergency shut-off function, thermal safety detection, pipe connections for 8 x 1 mm, completely wired with earthing contact-type plug.

109340

### Suction Pump Aggregate

#### Applications:

- Pump aggregate for fan burner up to 80 kW at 7 m suction height
- Oil / tiled oven
- Only for one-line systems

#### Technical Data:

**Electrical spec.:** 230 V/50-60 Hz, 25 VA  
**Max. suction rate:** 8 l/h at 7 m suction height or max. 18 l/h at 4 m suction height  
**Dimensions (L x W x H):** 285 x 217 x 168 mm  
**Weight:** 2 kg  
**Integrated check valve on the suction line!**



CE

## SP 32/01-Biofuel

The suction pump aggregate SP 32/01 Biofuel was especially developed to supply rape oil and thin liquid bio-oil. Description of the system: The operation of the electromagnetic piston pump is monitored by a balance level switch. The status of the system is permanently shown a LCD screen with codes, as well as alarms. The system is designed to prime the oil and maintains a 1.6 l reserve inside the internal storage tank. The aggregate has a built-in safety recovery tank, equipped with an alarm switch. Sealing material: FPM (Viton), pipe connections for 8x1 mm, completely wired with electrical plug.

112020

### Suction Pump Aggregate

#### Applications:

- Suction pump aggregate for combined heat and power stations and bio-oil burners in one-pipe system.

#### Technical Data:

**Electrical spec.:** 230 V/50 Hz, 45 VA  
**Max. suction rate:** 4 l/h at 6 m suction height or max. 8 l/h at 4 m suction height (measured at ambient temperature of 20 C°)  
**Integrated check valve on the suction line!**



CE

## SP 8

The first suction pump for oil fired fan burners that operates in a closed circuit. This system offers a 100% non-smelling oil supply. Provided with electromagnetic piston pump, safety device, suction filter and check valve. Hydraulic connectors: suction line 10 x 1 mm, burner sided 2 x 3/8" male thread. Built-in safety oil pan with emergency shut-off function!

111529

### Suction Pump Aggregate

#### Applications:

- Suction pump aggregate running 100% closed circuit for fan burners up to 80 kW at 7 m suction height
- Easy installation via 7-pin-plug for burners
- Suitable for one-line systems
- Perfect match for self-contained central heating

#### Technical Data:

**Electrical spec.:** 230 V/50 Hz, 40 VA  
**Max. suction rate:** 8 l/h at 7 m suction height or 16 l/h at 4 m suction height  
**Dimensions (L x W x H):** 250 x 250 x 65 mm  
**Weight:** 3.4 kg  
**Integrated check valve on the suction line!**



■ Patent pump

CE

# Suction Pumps

## SP 32/02-80-M/E

With electromagnetic piston pump, float-, control- and safety device, built-in suction filter, 8 l oil storage tank, built-in safety oil pan with separate detection, LCD display with permanent function-control feedback with anti-syphoning protection valve, alternatively in mechanical version M (adjusted at 1.80 m) or electrical version E (is driven through the oil burner), pipe connections for 10 x 1 mm pipe, completely wired with earthing contact-type plug.

### Applications:

- Full-automatic suction pump aggregate for feeding oil burners up to max. 50 l/h nozzle capacity
- Only for one-line systems

### Technical Data:

**Electrical spec.:** 230 V/50 Hz, 50 VA  
**Max. suction rate:** 80 l/h at 2 m suction height or max. 20 l/h at 7 m suction height  
**Dimensions (L x W x H):** 380 x 400 x 260 mm  
**Weight:** 7 kg  
**Integrated check valve on the suction line!**

**Suction Pump Aggregate**  
with larger flow rate



- Anti-syphoning protection (DVGW approved)
- Oil pan with safety device

### Order number:

### Description:

110497	SP 32/02-80-E with electrical anti-syphoning valve
110498	SP 32/02-80-M with mechanical anti-syphoning valve

For orders please indicate the exact pump model!

## SP 32/03-200

High performance-internal gear pump (gap compensated), motor, float-, control- and safety device, built-in suction filter, 8 l oil storage tank, built-in safety oil pan with separate electrical detection, LCD display with permanent function-control feedback, vacuum gauge, two separate feeding lines wether with electrical or mechanical or without anti-syphoning-protection-valves, all pipe connectors are located above the security pan, pipe connections for 15 x 1 mm pipe on suction line, 2 x (10 x 1 mm) on pressure side.

### Applications:

- Full-automatic suction pump aggregate for supplying one or several oil burners up to 180 l/h nozzle capacity (see performance diagram), only for one-line systems.

### Technical Data:

**Electrical spec.:** 230 V/50-60 Hz, 150 VA  
**Max. suction rate:** 180 l/h at 4 m suction height or max. 180 l/h at 9.5 m suction height  
**Dimensions (L x W x H):** 635 x 460 x 245 mm  
**Weight:** 20 kg

**Suction Pump Aggregate**  
with larger flow rate



**NEU!**

### Order number:

### Description:

017500	SP 32/03-200-M with mechanical anti-syphoning-protection-valves
017600	SP 32/03-200-E with electrical anti-syphoning-protection-valves
017700	SP 32/03-200-O without anti-syphoning-protection-valves

For orders please indicate the exact pump model!

### Performance diagram SP 32/03-200

