

## Circulation lance ZL 2



### Benefits

- Integrated lance valve, design with no dead space
- Easy connection of stratified combination storage tanks without circulation connection
- Ensures optimum function of the stratified storage tank (layers are kept)
- Increased convenience due to shorter lead time

### Application

Hydraulic connection assembly for tanks with drinking water flow heating to allow circulation mode for the domestic drinking water supply. Can be used in conjunction with the hot water circulation system WZS 100.

A stratified combination storage tank (corrugated pipe tank) which heats up drinking water according to the flow principle usually does not have a circulation connection. This frequently results in a connection problem. With the circulation lance, the circulation connection is made via the hot water outlet end. Thus, correct function of the stratified storage tank is ensured; the thermal layers are kept. The results in heating cost savings and electrical energy savings.

### Versions

	Part no.
Circulation lance ZL 2	68406

Blue part no. = in-stock items

### Description

Circulation lance for mounting in hygienic tank, consisting of part SPP with sleeve  $\varnothing$  8 mm and PE-Xc pipe  $\varnothing$  8 mm. A part of the circulation return volume is resupplied to the tank via the lateral circulation connection of ZL 2, heated up by means of the counter flow method and removed via the hot water connection of ZL 2. This is done via the circulation hose located in the heat exchanger pipe of the tank. Returning the circulating hot water in an optimum way ensures that the layers in the stratified storage tank remain intact.



## Technical specifications

### System connections

Rp1

### Connection circulation return

G $\frac{3}{4}$  male

### Operating temperature range

Medium: Max. 110 °C

### System pressure

Max. 6 bar

### Material

Brass

### Circulation hose

Diameter: 8 mm

Length: 1 m

Material: Meshed polyethylene

### SVGW approval

Components with SVGW approval: lance valve

SVGW certificate no. 0809-5419