

# Counter Current

## 4,0 kW

### Models

No H-P-JFRONT5

No. H-P-JLIN5

No. H-P-JCONLIN5

No. H-P-JCON5

No. H-P-JPUMP-55

# Installation instruction

## Counter Current 4,0 kW

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### Liner pool

1. Remove the stainless steel front plate and cut out the pool wall according to the hole pattern. The center of the Counter Current housing must be a minimum of 170 mm below the water surface.
2. Install the Counter Current housing in the pool wall.
3. Install the liner and fill up with water. When the water level is 5 cm below the Counter Current housing, screw the flange and the rubber seal against the Counter Current housing. Cut away the liner from the inside of the flange and install the air button for start and the stainless steel front plate.
4. Connect the hose for the air injection and tighten the hose clamp. Fasten the hole of the hose 100 mm above the water surface behind the pool wall.
5. Attach the start hose to the contactor cabinet of the pump. N.B. The start hose must be placed in a loop 150-200 mm above the water surface.
6. Attach tubes and valves to the pump according to sketch. The threads are to be sealed with thread tape.
7. The electric installation must be done by a licenced electrician and shall have a ground fault relay.
8. Open the valves and start the pump with the air button on the stainless steel front.
9. The water flow is controlled by the handle above the nozzles. Air can be added to the water jets by the handle below the nozzles.

### Concrete pool

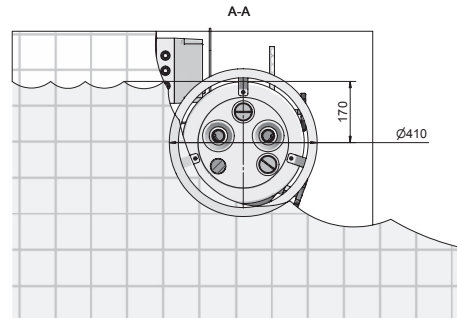
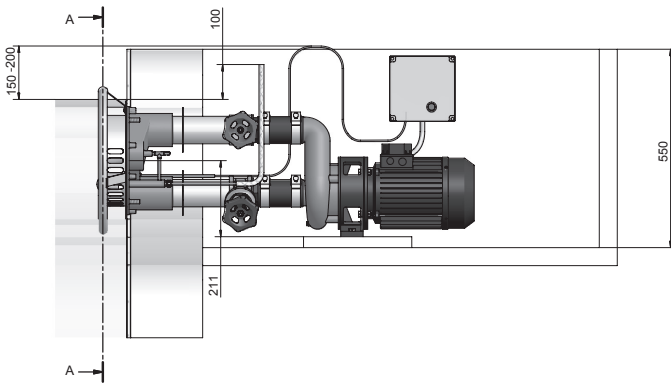
1. Remove the stainless steel front plate and install the Counter Current housing in the mould. The finished pool wall should be in line with the flange on the bronze housing. The center of the Counter Current housing must be a minimum of 170 mm below the water surface.
2. Install the non leak flanges for the suction and pressure connections and the non leak flanges for the air injection and start hose (protective hose), before casting. The threads are to be sealed with thread tape.
3. Install the stainless steel front plate after the casting. The start hose for the air button should be installed before the stainless steel front.
4. Connect the hose for the air injection and tighten the hose clamp. Fasten the hole of the hose 100 mm above the water surface behind the pool wall.
5. Attach the start hose to the contactor cabinet of the pump. N.B. The start hose must be placed in a loop 150-200 mm above the water surface.
6. Attach tubes and valves to the pump according to sketch. The threads are to be sealed with thread tape.
7. The electric installation must be done by a licenced electrician and shall have a ground fault relay.
8. Open the valves and start the pump with the air button on the stainless steel front.
9. The water flow is controlled by the handle above the nozzles. Air can be added to the water jets by the handle below the nozzles.

*For concrete pools with liner, install according to point 1 - 2 for concrete pools and point 3 - 8 for liner pools.*

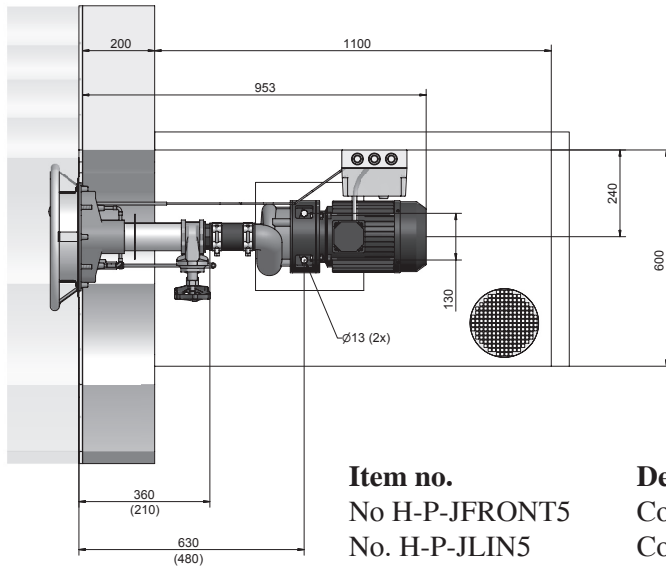
#### **N.B.!**

- **The jet is strong - do not go closer than 0,5 m from the jet outlet.**
- **The suction of the pump is the punched openings beneath the stainless steel front.**  
Avoid hair contacting the suction inlet, as long hair can be drawn into the inlet.
- **Small children and infants must not be in the pool when the Counter Current is in operation.**
- **Before starting the Counter Current, be sure to inform other people close to the Counter Current.**
- **If there is any risk of freezing: close the valves, dismantle and drain the pump.**  
Lower the water level to about 10 cm below the Counter Current housing to avoid freezing damage to the built-in unit. Store the pump indoors and in a dry place.

# Installation



Dimensions put in brackets refer to item no. H-P-JLIN5 for liner pools.



To avoid flooding the engine room must have a drain.

## Item no.

- No. H-P-JFRONT5
- No. H-P-JLIN5
- No. H-P-JCONLIN5
- No. H-P-JCON5
- No. H-P-JPUMP-55

## Description

- Counter Current 4,0 kW, Front part
- Counter Current 4,0 kW, Assembly kit for liner
- Counter Current 4,0 kW, Assembly kit for concrete/liner
- Counter Current 4,0 kW, Assembly kit for concrete
- Counter Current 4,0 kW, Pump

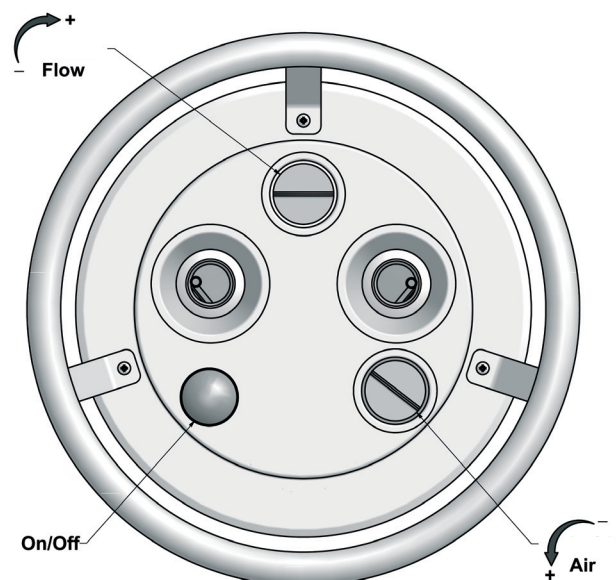
The Counter Current pump is activated with an air impulse via the "on/off" push-button. The start hose must be fixed in a loop 150-200 mm above the water surface and connected to the pressure switch placed on the side of the automatic cabinet.

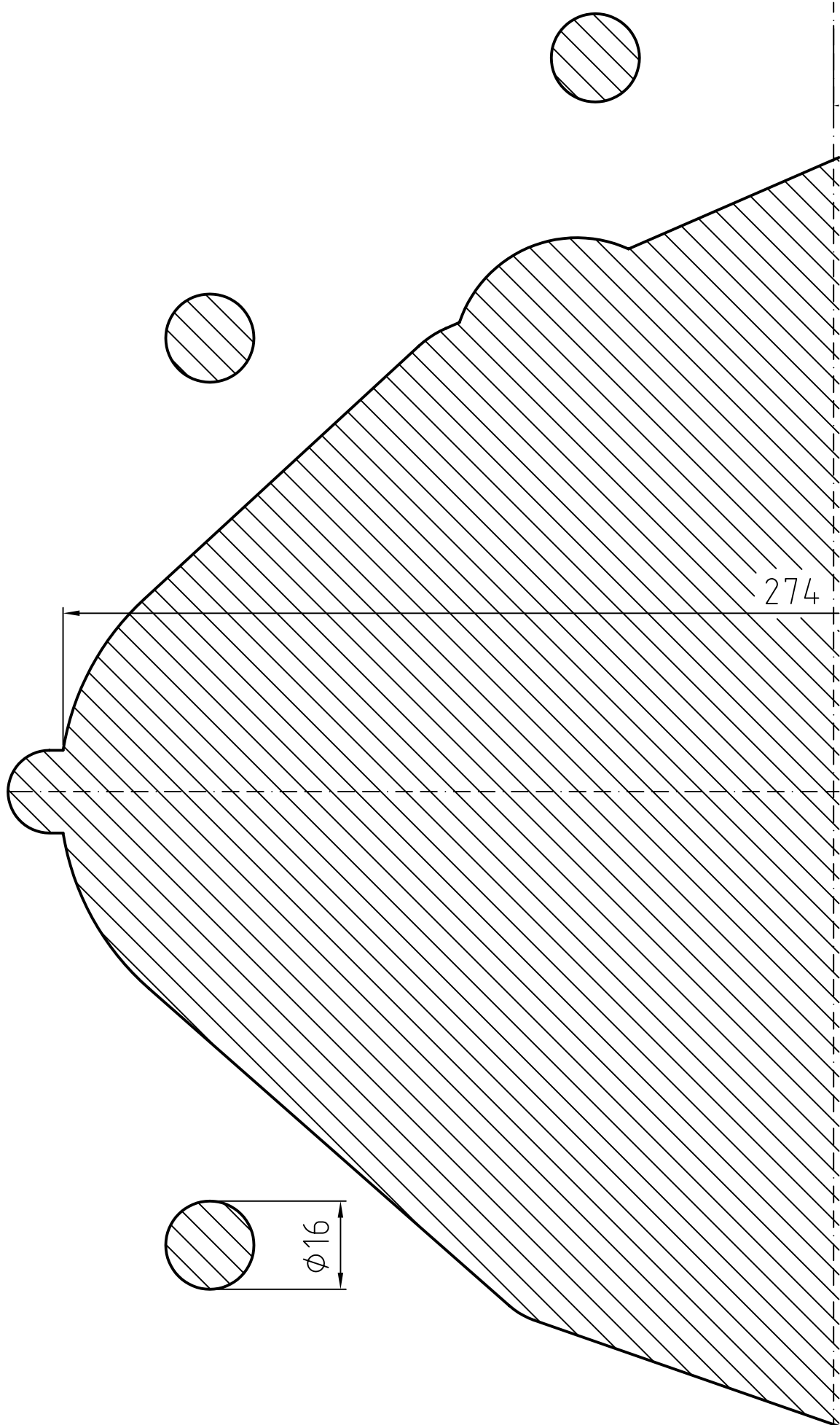
The pump capacity is 1300 l/min.

The jet is controlled using the knob marked "flow".

With the knob turned to "air" the strength of the jet can be regulated by increasing or decreasing the amount of air introduced into the jet of water.

Fasten the air hose 100 mm above the water surface behind the pool.





Counter Current 4kW  
Scale: 1:1 Drawing no:R10587

