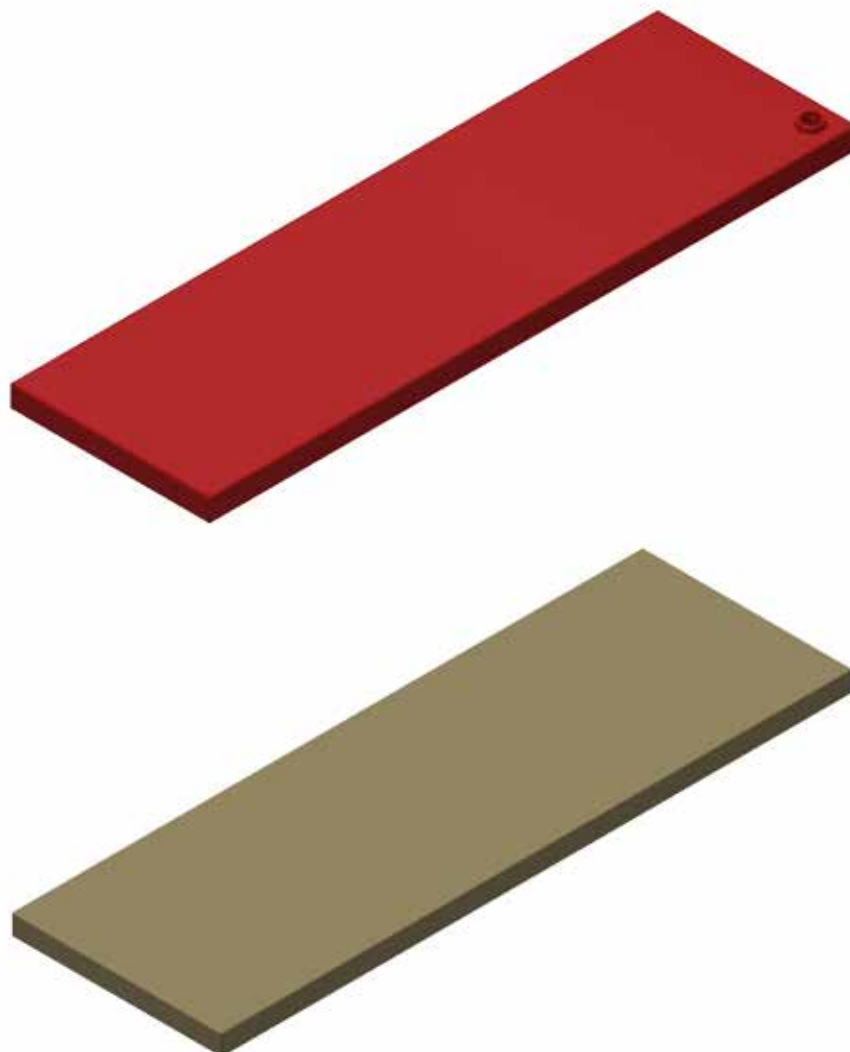


# MOUNTING INSTRUCTION



## WATER HEATING PLATE

PVC 120x40, 120x50

POLYMER CONCRETE 120X40, 120X50, 140X50



**ACO FUNKI A/S**

Kirkevænget 5  
DK-7400 Herning

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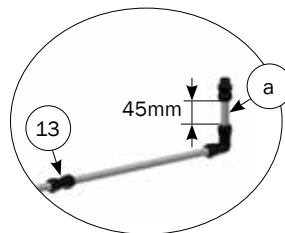
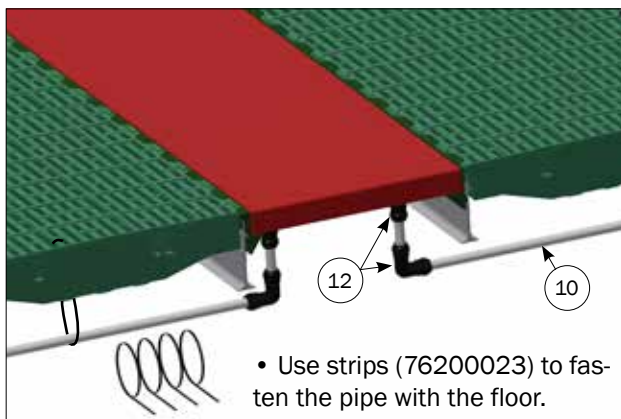
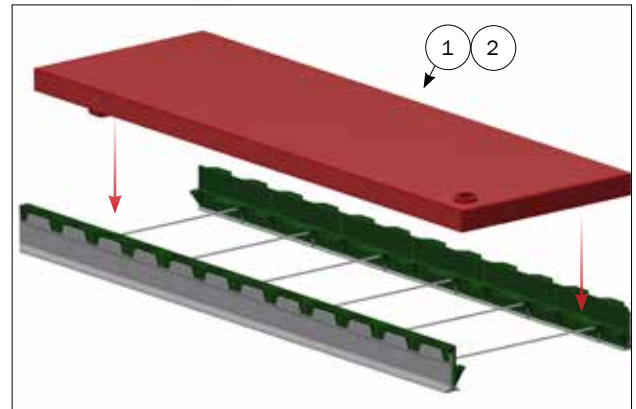
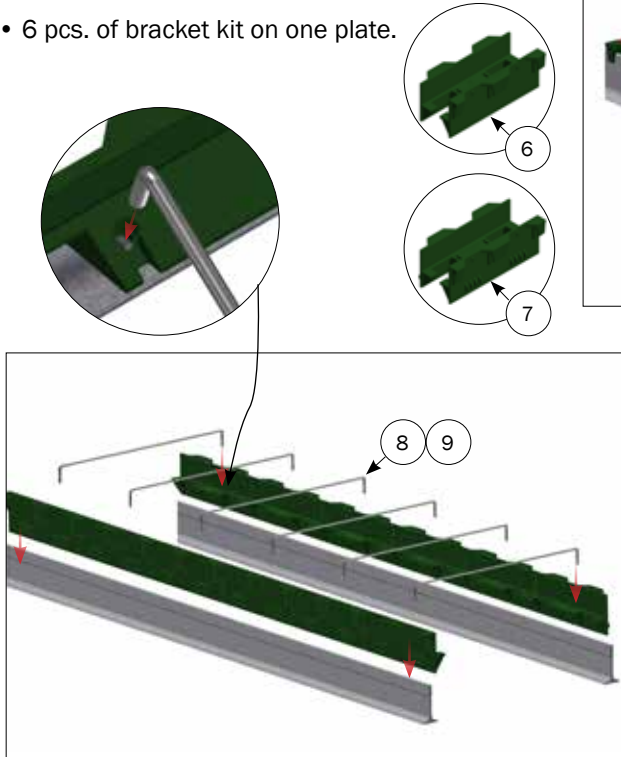
[www.acofunki.com](http://www.acofunki.com)

[www.egebjerg.com](http://www.egebjerg.com)

DANISH DESIGN | GERMAN QUALITY | GLOBAL EXPERIENCE

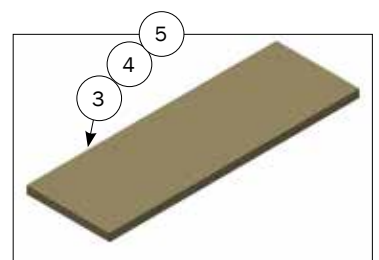
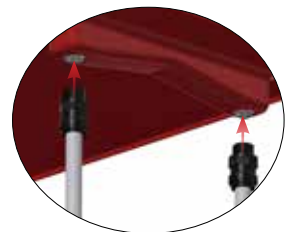
## Mounting on support

- Bracket kit (7) is used for delta supports (560290,7910290).
- 6 pcs. of bracket kit on one plate.



- The pipe (a) must be cut to 80mm  
Measurement of visible pipe - 45mm
- Use connector, for joining pipe parts.

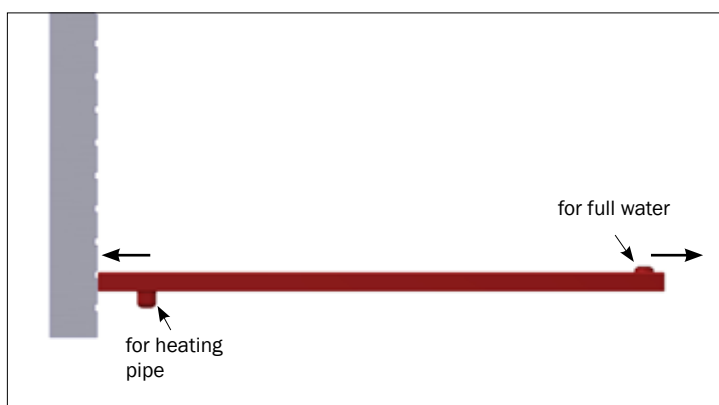
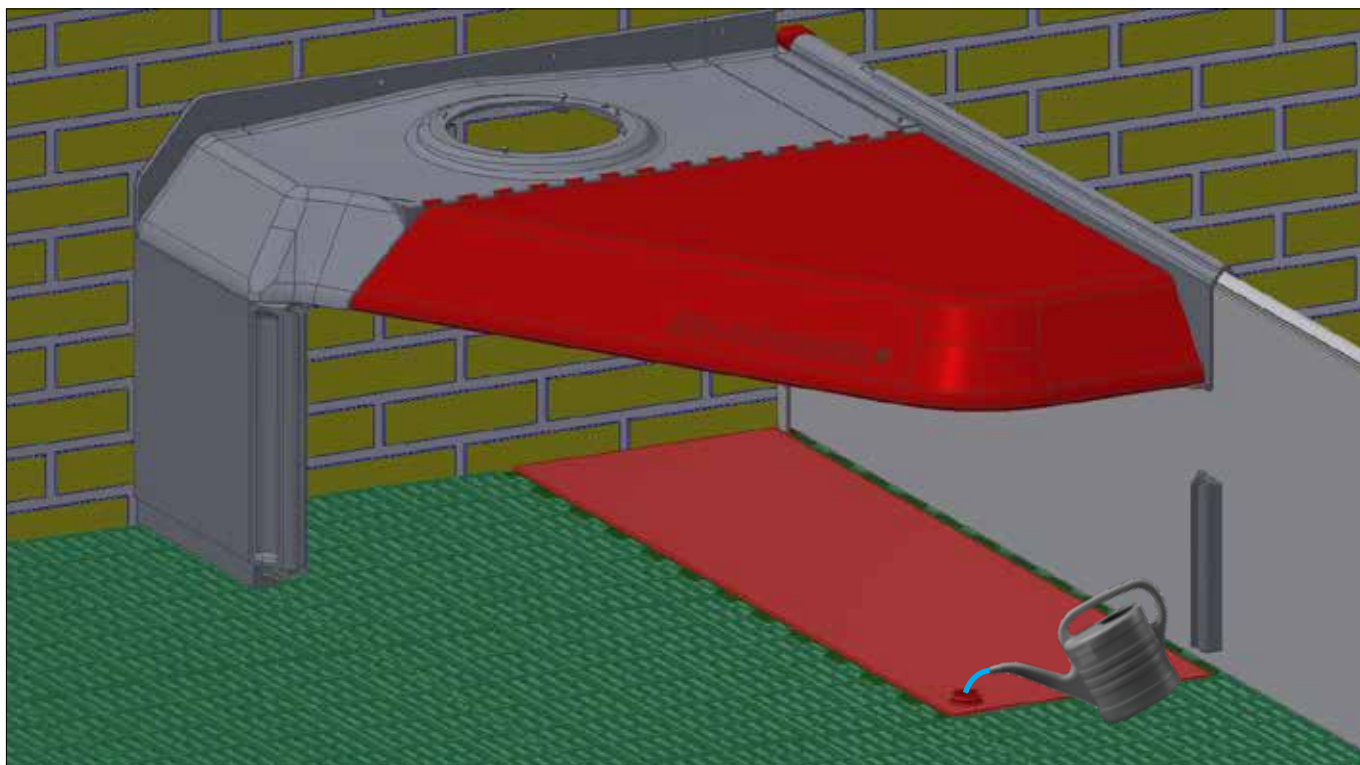
- It is recommended to use pipe insulation on the pipes (see picture 1, page 4, marked in red), to achieve the same temperature on all plates.



- Water heating plate in polymer concrete are installed in the same way.

	Item nr.	Description
1	563040	WATER HEATING PLATE 120X40 CM PVC, WITH STAINLES STEEL PIPE INSERT ½"
2	563050	WATER HEATING PLATE 120X50 CM PVC, STAINLES STEEL PIPE INSERT, ½" FEMALE THRED
3	12631	WATER HEATING PLATE 120X40 CM, 120W WITH PVC PIPE INSERT, ½" FEMALE THRED
4	12633	WATER HEATING PLATE 120X50 CM,120W WITH PVC PIPE INSERT, ½" FEMALE THRED
5	12630	WATER HEATING PLATE 140X50 CM, 140W WITH PVC PIPE INSERT ½" FEMALE THRED
6	4960560	BRACKET KIT FOR HEATING PLATE
7	4960614	BRACKET KIT FOR HEATING PLATEON DELTA SUPPORT
8	17274	STEEL BRACKET FOR AXIAL DIMENSION 40 CM HEATING PLATES
9	17367	STEEL BRACKET FOR AXIAL DEMENSION 50 CM HEATING PLATES
10	563004	PEX HEATING PIPE 16 X 2 MM, PRICE PER. M, 120 M IN ROLL
11	563005	Ø18 MM PIPE INSULATION WITH 13 MM INSULATION, 2 METERS LONG
12	560315	CONNECTING ANGLE, 2 PCS. PER SAT FOR 17X2 MM
13	23900662	AQUASPEED CONNECTOR 16 MM FOR FLOOR HEATING

## Heating unit



- The amount of water must be checked every 3 weeks.

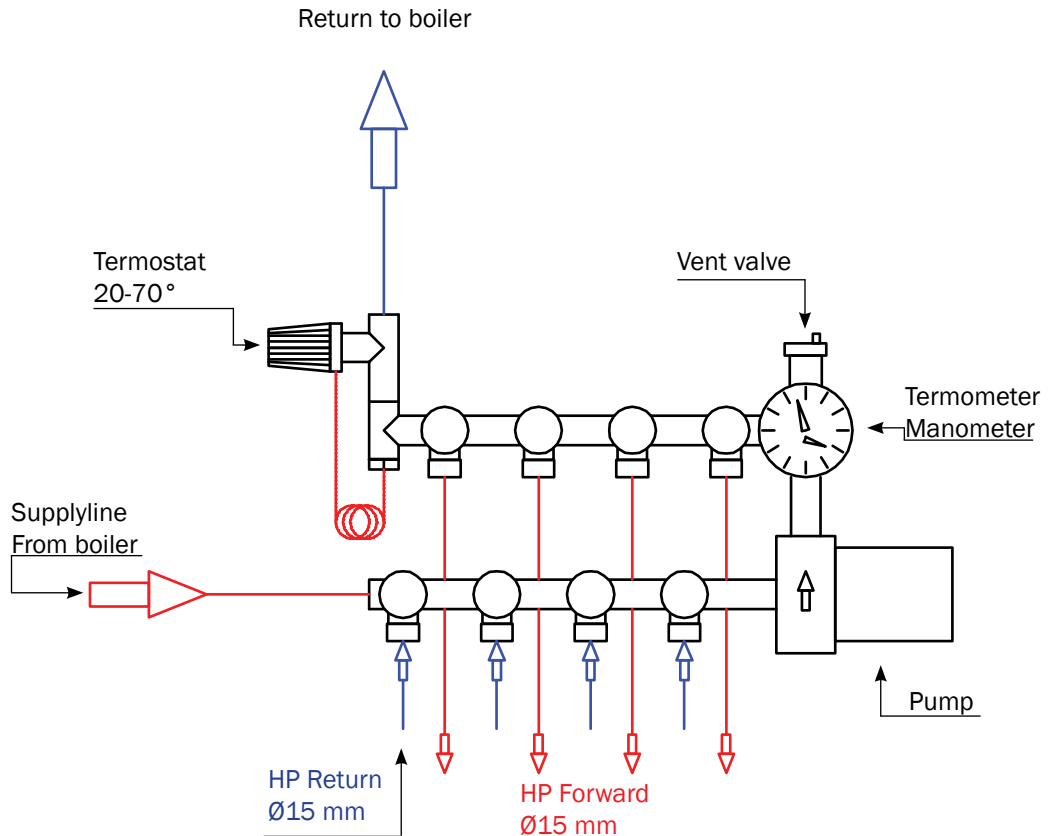
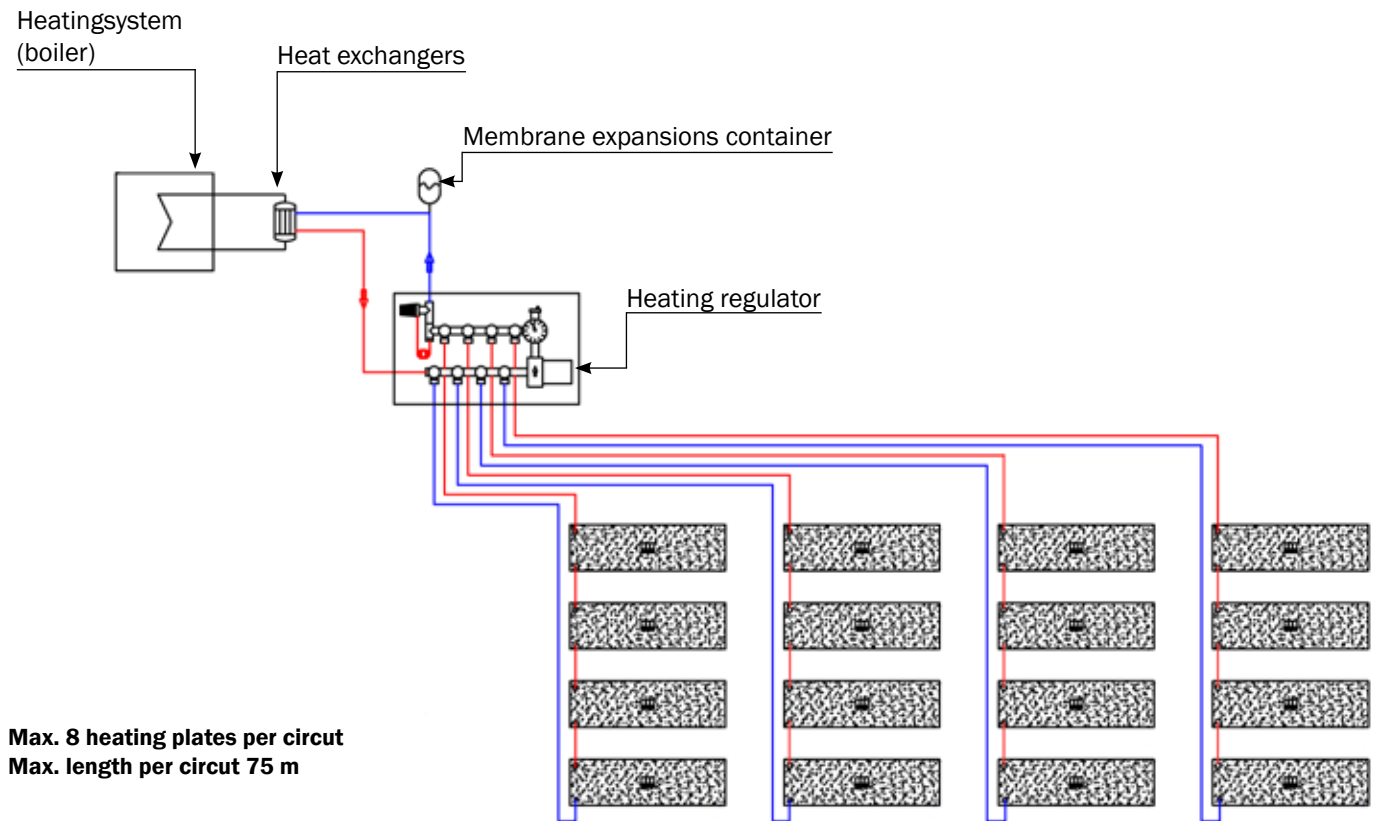
Plate 120x40 - 10L  
Plate 120x50 - 11L

- Make sure that the access for the heating hose must lie against the wall, and the access for full water to the center of the "room".



- The temperature of the heating plates is controlled via the heating unit.
- See mounting instruction M-8525 for further information.

## Overview of heating unit in operation



Maximum temperatur 60°  
 Maximum pressure 5 bar  
 Thermal conductivity Polymer concrete: 1,5 W/mK  
 Thermal conductivity PVC: 0.5 W/mK  
 Thermal conductivity Copper pipe: 370 W/mK  
 The system can be connected either as forward regulated or return regulated.  
 M-8523\_GB