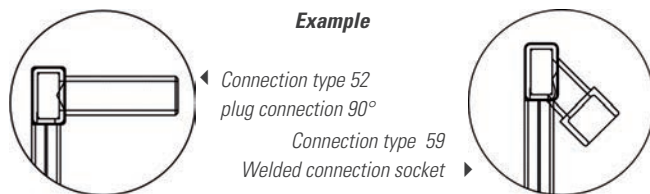


### aquatherm black system CHANGE IN CONNECTION BY CONNECTING SETS

With the **aquatherm black system** connecting set changes at the connection can be carried out easily and quickly.



In rare cases it can happen that due to short-term structural changes during the installation phase changes in the **aquatherm black system** connection type are required. Only with welding device and welding tool item-no. 50336 (see below) these changes at the heating/cooling grids can be made directly on construction site.



The processing is very simple (welding device according to processing instruction prepared and ready for operation):

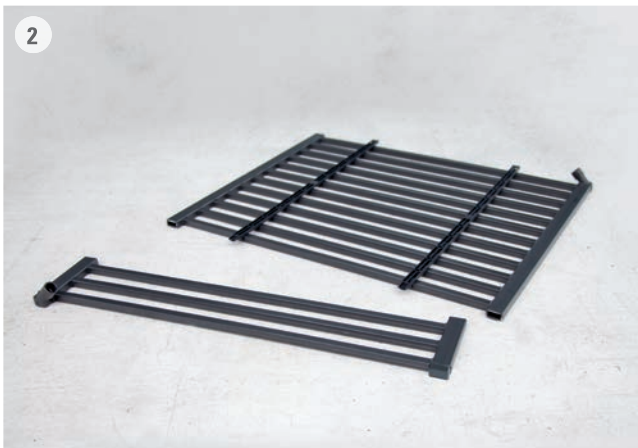
- 1) Cut straight the existing connections with the pipe cutter (figure 1)
- 2) Heat up the manifold profile and the connector (heating up time 5 sec.) (figure 2)
- 3) Remove the pieces from the tool after the prescribed heating-up time and push them together immediately. Fixing of the welded pieces about 15 sec. (figure 3). If required, remove burrs below the grid manually.



## **aquatherm black system CHANGE THE GRID WIDTH BY MEANS OF CONNECTING SETS**

Also a change of the grid width is possible in the same way. If a grid is too wide for the intended application, it easily can be made narrow (welding device according to processing instruction prepared and ready for operation):

- 1) Cut the grid with the pipe cutter (figure 1 & 2)
- 2) Heat up the manifold profile and the desired connecting piece for closing the now open grid (heating-up time 5 sec.) (figure 3)
- 3) Remove the pieces from the tools after the prescribed heating time and push them together immediately. Fixing of the welded pieces about 15 sec. (figure 4). If required, remove burrs below the grid manually.
- 4) The narrower grid is ready for use immediately (figure 5).



## aquatherm black system ALL CONNECTING SETS AT A GLANCE

**Art.-No. 81099**

for connection type 51

consisting of:

2 x end cap

2 x 45° plug connection



**Art.-No. 81108**

for connection type 58

consisting of:

2 x end cap

1 x 45° plug connection

1 x 45° welding socket



**Art.-No. 81100**

for connection type 50

consisting of:

2 x welding socket

2 x welding nozzle



**Art.-No. 81109**

for connection type 59

consisting of:

2 x end cap

2 x 45° welding socket



**Art.-No. 81102**

for connection type 52

consisting of:

2 x end cap

2 x 90° plug connection



**Art.-No. 81112**

for connection type 62

consisting of:

2 x end cap

2 x 90° plug connection



**Art.-No. 81103**

for connection type 53

consisting of:

2 x end cap

2 x 90° plug connection



**Art.-No. 81114**

for connection type 64

consisting of:

2 x end cap

2 x welding socket



**Art.-No. 81106**

for connection type 56

consisting of:

2 x end cap

2 x 90° Anschlusswinkel



**Art.-No. 81115**

for connection type 65

consisting of:

2 x end cap

1 x welding socket

1 x welding nozzle







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# TECHNEWS

technews@aquatherm.de



**aquatherm**

state of the pipe

## **aquatherm black system PROCESSING VIDEOS ONLINE**

As of now you can find various information and processing videos concerning the aquatherm black system on our website.

For this please go to our website [www.aquatherm.de](http://www.aquatherm.de) and select *systems* → *aquatherm black* → *movies* in the task menu above.

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## **ZURO-CONSTRUCTION SITE UP-DATED WEBCAM-PHOTO**

As already described in Technews No. 1 2015, you can select the up-dated Zuro-Webcam on the homepage of our website [www.aquatherm.de](http://www.aquatherm.de). The photo is updated and rewritten every ten minutes around the clock.

Immediately, the most recent photo of our construction project is presented in each Technews edition:

## **HERE ARISES ZURO – THE FUTURE OF PIPE PRODUCTION**

