

## Training

As part of the Aquatherm's service, we offer free of charge training. Training sessions can even be given on site. Aquatherm also provides presentations at the consultant's and end user's offices as well as training sessions at occupational schools.

During this training, our Technicians instruct our installers on how to make a proper welded joint, whether it is socket fusion, weld-in saddles, butt welding or electrofusion welding.

Aquatherm has a large range of (welding) tools, to make the installation of the Aquatherm PP-R pipe systems easy. Only the original Aquatherm welding devices and tools should be used. Depending on the required pipe sizes, the relevant welding machines will be demonstrated during the training.

The subject of pipe clamping, i.e. using only Aquatherm green rubber lined pipe clips, along with the important issues of support intervals, linear expansion, the use of expansion loops and bending sites will also be covered in these training sessions.

All pipes should be fastened with only Aquatherm's green rubber compound fasteners, with expansion spacers or other as deemed equal or approved by Aquatherm and/or the project's Hydraulic Consultant.

Also the pressure test procedure will be discussed. This procedure has to be faithfully adhered to.

During the training, the application may also be discussed. For hot water applications Aquatherm gives the following cautionary note:

1. Constant hot potable water temperatures should not exceed 70°C.
2. Care should be exercised in mixed PP-R/Copper hot potable water recirculation systems where temperatures / pressures may exceed 70°C (permissible working pressures see page 14 of Fusiotherm Pipe System brochure Edition 01/2011) and where copper pipe velocities may exceed established international copper design practice – enquirers should refer to the project's Hydraulic Consultant.  
Upstream use of copper pipe in PP-R hot water recirculating systems where the above operational parameters are exceeded should be avoided.
3. The service life of aquatherm PP-R pipe systems could be reduced by using excessive concentration of disinfecting products.

After the trainees have followed this training, the trainees will be given an installers certificate, which can be provided to the consultant or builder as confirmation the installer has been trained, by Aquatherm Australia, for the required application. Aquatherm can only provide warranty on the installed Aquatherm PP-R system (material) if the plumbers/contractors have been certified as been trained by Aquatherm.

Installers Certificate Number 210068

**fusiotherm®**  
A lifetime connection

Dennis Laan  
of  
Aquatherm Australia Pty Ltd

Date	Pipe Types	Sizes	Application
June	SDR 11	20MM - 63MM	Hot & Cold Water
	SDR 7.4	20MM - 63MM	Weld in Saddle

Expiry 2014

Innovation in Polypropylene Plumbing

fusiotherm® pipe system  
climatherm® pipe system



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