



aquatherm tools

The **aquatherm PP-R** pipes and fittings are to be joined only by the following welding techniques:

- Socket fusion (Ø20 - Ø125), welding temperature of 260°C +/- 10°C
- Butt welding (Ø160 - Ø630), welding temperature of 210°C +/- 10°C
- Electrofusion (Ø20 - Ø250 electrofusion sockets; pipe to pipe joints only), at an ambient (welding) temperature of +5°C to +40°C (acc. to DVS 2207).
- Weld-in saddles (branches Ø20 – Ø63, ½" – 1" female threads or ½" – ¾" male threads)

The professional processing of **aquatherm PP-R** pipes and fittings is done by using the following tools. Only tools provided by **aquatherm**, or approved by **aquatherm**, are to be used.

Pipe cutters

Art.-No.	Dimension	Packing unit
50104	Ø20-40mm	1
50105	Ø50-125mm	1



Spare cutting wheel

(for Art.-No. 50105)

Art.-No.	Dimension	Packing unit
50445	Ø50-125mm	1



Welding device (800 W)

(hand operated - welding tools are not included)
comes with base and metal case for tool

Art.-No.	Dimension	Packing unit
50337	Ø20-63mm	1



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Welding device (1400 W)

(hand operated - welding tools are not included)
comes with base and metal case for tool

Art.-No.	Dimension	Packing unit
50341	Ø50-125mm	1



Welding machine (1400 W)

(bench machine for stationary processing and prefabrication)
including welding tools Ø50-Ø125

Art.-No.	Dimension	Packing unit
50147	Ø50-125mm	1



Welding machine Prisma-Light (1400 W)

(bench machine for stationary processing and prefabrication)
including manual welding device (1400 W)

Art.-No.	Dimension	Packing unit
50145	Ø63-125mm	1



Electrical welding jig

(incl. standby accumulator, charging station & metal case)
(excl. welding device, welding tools and standard art.-no. 50151)

Art.-No.	Dimension	Packing unit
50149	Ø63-125mm	1



Electrofusion device

(special calibration/peeling tools are required; see below)

Art.-No.	Dimension	Packing unit
50175	Ø20-250mm	1



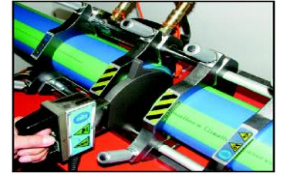
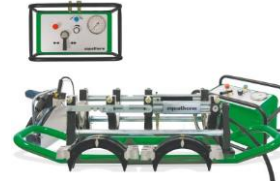


Butt Welding Machine (hydraulic)

(Ø160-250mm)

Butt Welding machines for pipe sizes larger than Ø250 on request

Art.-No.	Dimension	Packing unit
50163	Ø160-250mm	1



Cleaning wipes

(alcohol wipes for electrofusion sockets)

Art.-No.	Dimension	Packing unit
50193	Box with 100 towels	1



Thermo Colour Pencil

(to check the correct welding temperature)
changes colour from brown to grey

accuracy *

Art.-No.	Dimension	Packing unit
50190	N/A	1



Compact IR Thermometer

(to check the correct welding temperature)

accuracy **

Art.-No.	Dimension	Packing unit
50189	N/A	1



Temperature measuring device

(to check the correct welding temperature)

accuracy ****

Art.-No.	Dimension	Packing unit
50188	N/A	1





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Ecological pipe systems: just say yes to a better world!



state of the pipe



Temperature protective glove

(for tool change)

Art.-No.	Dimension	Packing unit
50195	N/A	1



Welding Tools

(one per pipe size. Come with Allen Key bolt)

Art.-No.	Dimension	Packing unit
50208	20mm	1
50210	25mm	1
50212	32mm	1
50214	40mm	1
50216	50mm	1
50218	63mm	1
50220	75mm	1
50222	90mm	1
50224	110mm	1
50226	125mm	1

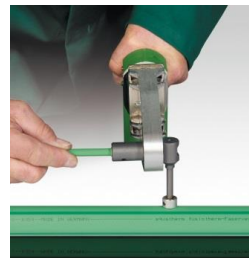


Repair set

(for repair of 6mm - 10mm holes in pipes)

in combination with PP-R repair stick art.-no. 60600

Art.-No.	Dimension	Packing unit
50307	7mm	1
50311	11mm	1



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Peeling Tools for Electrofusion Sockets

(for aquatherm green pipe, aquatherm lilac pipe and Climatherm pipe (aquatherm blue pipe)
NOT for aquatherm green "Stabi" (MS) or UV,
Climatherm (aquatherm blue pipe) OT or UV pipes)

Art.-No.	Dimension	Packing unit
50558	20mm	1
50560	25mm	1
50562	32mm	1
50564	40mm	1
50566	50mm	1
50568	63mm	1
50570	75mm	1
50572	90mm	1
50574	110mm	1
50576	125mm	1
50580	160mm	1
50592	200-250mm	1



Drill for Weld-in Saddles

Art.-No.	Dimension	Packing unit
50940	20 & 25mm (40-160mm)	1
50941	20 & 25mm (63-250mm)	1
50942	32mm	1
50944	40mm	1
50946	50mm*	1
50948	63mm*	1

* May only be used in fixed drilling machines

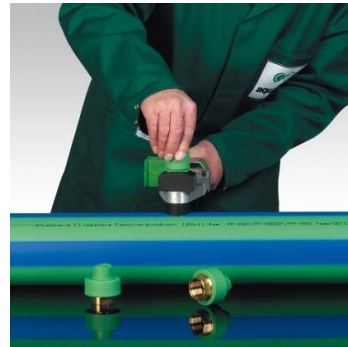




Weld-in-Saddle tools

(Come with Allen Key bolt)

Art.-No.	Dimension	Packing unit
50614	40x20/25mm	1
50616	50x20/25mm	1
50619	63x20/25mm	1
50620	63x32mm	1
50623	75x20/25mm	1
50624	75x32mm	1
50625	75x40mm	1
50627	90x20/25mm	1
50628	90x32mm	1
50629	90x40mm	1
50631	110x20/25mm	1
50632	110x32mm	1
50634	110x40mm	1
50635	110x50mm	1
50636	125x20/25mm	1
50638	125x32mm	1
50640	125x40mm	1
50642	125x50mm	1
50644	125x63mm	1
50648	160x20/25mm	1
50650	160x32mm	1
50652	160x40mm	1
50654	160x50mm	1
50656	160x63mm	1
50660	200x20/25mm	1
50662	200x32mm	1
50664	200x40mm	1
50666	200x50mm	1
50668	200x63mm	1



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