



## NEW AQUATHERM TAPPING TOOL AND AQUATHERM COMPONENT UNIT FOR TAPPING AQUATHERM PP-R PIPES UNDER PRESSURE

The installation of branches to a live aquatherm PP-R piping service line without disrupting service is now possible. The aquatherm tapping tool and the aquatherm component unit, consisting of weld-on saddle with welded ball valve, allows the extension of a pipeline network under pressure without media leakage. The component unit is welded using special weld-in saddle tools made to match the size of the media pipe and the component size.

The aquatherm component unit allows you a quick and cost-effective means of installing branches on still-in-service water-conducting pipelines. This is a great benefit especially for industrial applications since the ongoing operation does not have to be interrupted. It helps you save both time and energy.

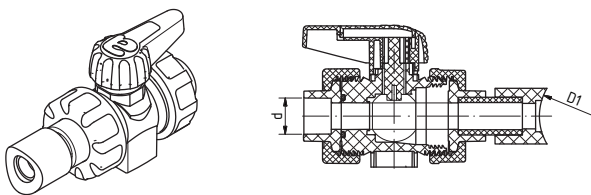
All PP-R media pipes with diameter from 75 mm to 630 mm and pipe structure S, MF and MF UV of the systems **aquatherm green pipe**, **aquatherm blue pipe** and **aquatherm lilac pipe** can be spot-drilled under pressure.

### Safety note:

The medium pressure in the main pipe of max. 6 bar and the media temperature of max. 60 °C must not be exceeded.

### aquatherm WELD-ON SADDLE SET WITH BALL VALVE

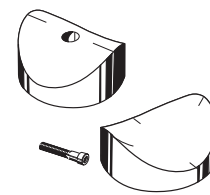
for installation under pressure



SDR	Art.-No.	d	D1	System
6 7,4 9 11 17,6	16175	40	75	• • •
	16181	40	90	• • •
	16188	40	110	• • •
	16196	40	125	• • •
	16198	63	125	• • •
	16212	40	160	• •
	16216	63	160	• •
	16231	40	200	• •
	16233	63	200	• •
	16251	40	250	• •
	16253	63	250	• •
	16260	63	315-355	• •
	16300	63	400-630	• •

### aquatherm WELD-ON SADDLE TOOL

for weld-on saddles under pressure



Art.-No.	Dimension
50760	75x40mm
50761	90x40mm
50762	110x40mm
50763	125x40mm
50764	125x63mm
50765	160x40mm
50766	160x63mm
50767	200x40mm
50768	200x63mm
50769	250x40mm
50770	250x63mm
50771	315x63mm
50772	355x63mm
50773	400-630x63mm

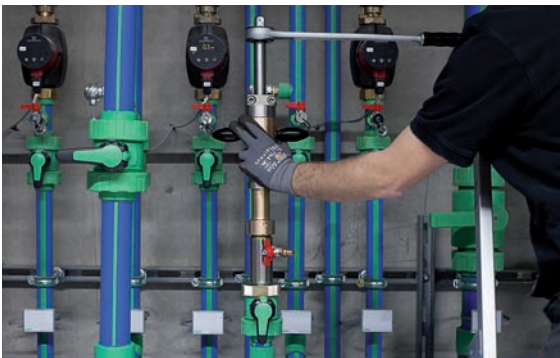
## Brief description:



1. The aquatherm component unit is welded on the media pipe using special saddle welding tools.



2. After the welding process and the cooling time of the weld the tapping tool is mounted on the component unit.



3. The drilling is carried out by actuating the manual ratchet and careful feed via the ball handles.



4. After the drilling operation, the tapping tool is removed from the component unit.



5. Remove the drilling residues from the core bit using a special tool.



A video demonstrating the tapping of aquatherm PP-R pipes under pressure is available here:

[www.aquatherm-pipesystems.com/aquatherm-tapping-tool.mp4](http://www.aquatherm-pipesystems.com/aquatherm-tapping-tool.mp4)



**A detailed Manual Instruction is enclosed with the tapping tool. Familiarize yourself with the operating elements and workflows before starting the machine.**



**aquatherm**  
state of the pipe

## AQUATHERM PRESENTS ITS PRODUCTS AT THE GERMAN ENERGY CENTER & COLLEGE IN SHANGHAI

The German Energy Center & College (GECC), which is supported by the German government, promotes the implementation of German building technologies in China. The company is specialized in the areas of energy efficient construction, renewable energies as well as environmental technology and sustainability across the board.

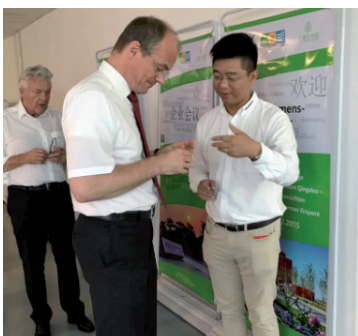
Our Chinese partner aquatherm Pipe System (Shanghai) Co., Ltd. has signed a 5 year contract for a showroom at GECCs Technology Competence Center in Shanghai. The center was constructed as low energy sample house, providing German companies the opportunity to present their innovative products, components and systems to decision-makers and users: real estate developers, designers, and sub-contractors.

On July 28, GECC held an opening ceremony for the new aquatherm showroom. Many customers from aquatherm China followed the invitation. Christian Sommer, CEO and President of the German Centre for Industry and Trade Shanghai Co., Ltd. attended as well.

The aquatherm showroom is strategically positioned at the entrance of the center. It highlights aquatherm green pipe, aquatherm blue pipe, aquatherm black system and aquatherm orange systems for application in potable water, HVAC, chilled water, and panel heating and cooling systems.

George Teng, general manager of aquatherm Pipe System (Shanghai) Co., Ltd., emphasized in his opening speech that aquatherm as global leader for PP-R piping systems with more than 40 years of experience always seeks opportunities to reduce the human impact on the environment. For example, aquatherm's polypropylene piping systems contribute to LEED v4 points, a worldwide used green building certification program. aquatherm's black system, an ecological and cost-efficient panel heating and cooling system, has become an important part of sustainable design in global architecture.

GECC offers numerous seminars as well as basic and advanced trainings for professionals. Engineers for building and supply engineering, construction physicists and architects, current and future construction managers can experience the function of products and systems corresponding to the highest quality and safety standards. By doing so they acquire crucial qualifications to cope with the challenges of the climate change.



Edition No. 8 2017 | 25th September 2017

# TECHNEWS

technews@aquatherm.de



**aquatherm**

state of the pipe

## TRADE FAIR ISH 2019 WITH A NEW SEQUENCE OF DAYS FROM MONDAY TO FRIDAY



ISH, the world's leading trade fair for the combination of water and energy, is changing its sequence of days. In future, the event will begin on Monday, instead of Tuesday, as in the past. "With the new sequence of days, we are taking account of the wishes of our exhibitors. Changing the sequence to Monday to Friday will give trade visitors an extra working day at the fair. At the same time, travelling will be more convenient for international visitors", says Wolfgang Marzin, President and Chief Executive Officer (CEO) of Messe Frankfurt. The next ISH will be held from **11 to 15 March 2019 (Monday to Friday)**. As in the past, the fair will be open to private visitors on the last day.

### Also the dates for the aquatherm standparties are already fixed:

- Wednesday, 13th of March 2019:** Standparty for international guests and press
- Thursday, 14th of March 2019:** Standparty for national guests