

# DATA ENTRY SHEET

KTS Water Heater M and L  
Fig. 915 | 925



Dear Customer

We are happy to support you in planning your current building and design the KEMPER Water Heater System for you. To be able to make a demand-based design with respect to size/dimensioning and from an energy and ecological point of view, we need some information about the building from you. For this, all you have to do is fill in the form below and send it to our Product Management department for calculation. Immediately after dimensioning according to German standard and actual requirement values, you will receive the results within approx. five working days. If you have any questions about the KTS Water Heater System beforehand, you can call us on the number below. You can also find information about the KTS at <http://www.thermosystem-kts.com>.

Your KTS Team

Date

Reply by

Responsible Kemper contact

Project phase

## Contact data

Company

Street

Town, post code

Contact person

Tel./mobile

Email address

## Building data

Building name

Street

Town, post code

Contact person

Tel./mobile

Email address



**No. 1 Building category/use\***

		Quantity			Quantity
// Student residence	Apartments		// Old people's home	Beds	
// Sports facilities	Showers		// Old people's home, day care	Beds	
// Swimming pools	Showers		// Old people's home, Most advanced care	Beds	
// Office building	Tapping points		// Care home	Rooms	
// Accommodation building	People		// Hotel	Rooms	
// Hospital ward block	Rooms		// Luxury hotel	Rooms	
// Hospital surgery and internal medicine	Rooms		// Canteen	Meals	
// Hospital orthopaedics, obstetrics, urology	Rooms		// Residential building according to demand profile:	Apartments	
	Series-type showers			Series-type showers	
// Prison	Series-type wash-basins		// Industrial plant	Series-type washbasins	

**// Residential buildings**

**// Sizing according to DIN 4708**

**// Sizing according to DIN EN 12831-3**

Serial No. of the apartment groups	Comfort Equipment	No. of apartments	No. of rooms	Plumbing Bathroom (shower/washbasin/WC)	Plumbing Cloakroom (shower/washbasin/WC)	Comment

**// Other buildings**

**Sizing according to simultaneity**

Designation draining process	Draining duration (Min.)	Flow rate (l/s)	Simultaneity (%)	No. of tapping points



**No. 2 Details of hot water (PWH)**

		Details	Comment
// PWH temperature	(°C)		
// Hot water consumption	(l/d)		
// Peak volume flow*	(l/h)		



### No. 3 Details of circulation mode (PWH-C)

		Details	Comment
// Circulation flow rate*			
If the circulation flow rate is not known, please state the length of all circulating pipes. (PWH and PWH-C in m)	(l/h)		
// Temperature drop allowance to standard	(K)	5	



### No. 4 Requirement plate heat exchanger

// CU < 500 µS/cm		Approval of the copper-soldered PWÜ: Up to 500 µS/cm electrical conductivity of the drinking water. Please check the drinking water analysis valid on site. If not water analysis is enclosed, a stainless steel heat exchanger is chosen, which may lead to additional costs around the water heater.
// Stainless steel > 500 µS/cm		



### No. 5 Accessories

		Yes	Comment
// BACnet IP Gateway			
// Flush point for flushing the cold-water pipe to the water heater			



### No. 6 Details of the heat source

		Details	Comment
// Type of heat source		District/local heating	
		Solid fuel heating boiler	
		Oil/gas heating boiler	
		CHP	
// Available capacity for hot water provision*	(kW)	Others:	
// Flow temperature in charging mode*	(°C)		

**Note: Make sure that the flow temperatures are stated for the summer scenario with district/local heating!**

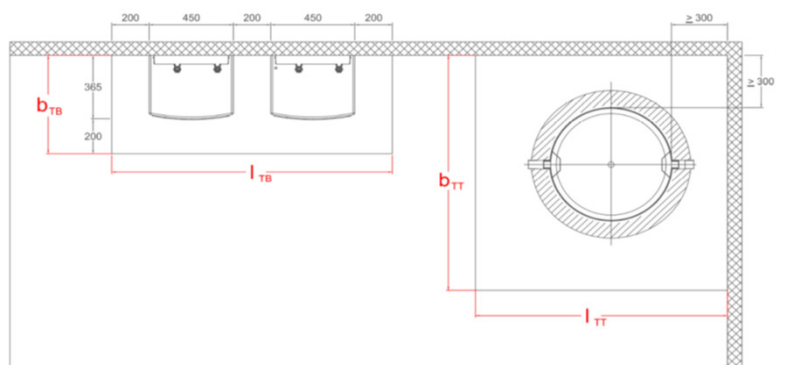


**No. 7 Details on heat storage**

	Yes	No	Comment
// Incorporation of existing buffer tank			
// Several plants via a central buffer tank			
// Plant is supplied via a hydraulic separator			
// Pressure rating of the ThermoTank*	0,6 MPa		Standard
	1 MPa		Special design, delivery time approx. 8 weeks
	0,6 MPa		With connections for heating elements, delivery time approx. 8 weeks

Details of the heating circuit		Details		Comment	
// Distance buffer tank to water heater	(m)				
// Pipe material in heating circuit		Copper	Steel	Stainless steel	Carbon steel

Transport and assembly dimensions		Details		Comment	
// Tilted dimension (ceiling height)	(m)				
// Door width	(m)				
// Available floor space water heater	(m)				
$I_{TB} \times b_{TB}$					
// Available floor space ThermoTank	(m)				
$I_{TT} \times b_{TT}$					



\* Mandatory fields (the fields indicated must be filled in so that a KTS system can be calculated)

We will process the personal data collected here for the purposes stated in this document. The legal basis for this is our legitimate interest in accordance with Art. 6 Para. 1 lit. f) DSGVO. For more information, including your rights as a data subject, please visit our website at <https://www.kemper-group.com/meta-navigation/datenschutzhinweis/>. As a responsible company, Kemper takes the protection of your personal data and your rights as a data subject very seriously. You can view the rights to which you are entitled at any time under the above link and exercise them if you wish.