



Friwa

Domestic hot water technology

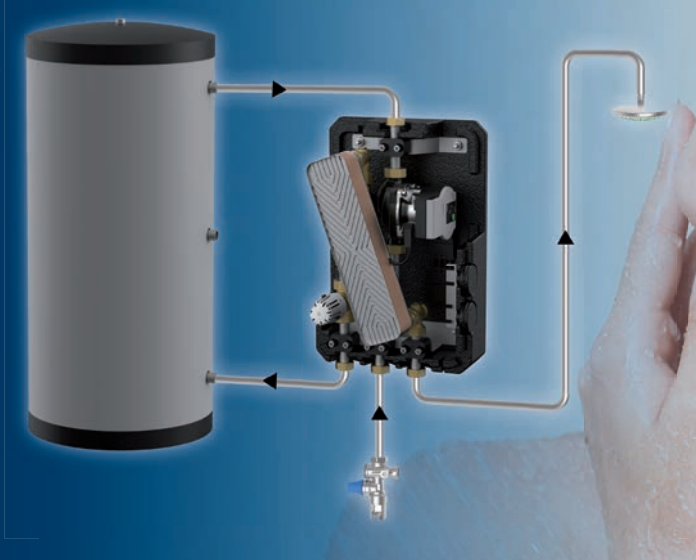
Domestic hot water module FriwaMicro



NEW



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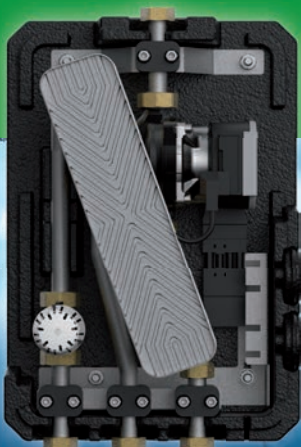
Small, compact, powerful

NEW

Ideally for the use in combination with solar thermal systems or in systems with solid fuel boilers, oil/gas boilers as well as for a connection to a buffer tank.

Range of performance:

DN 15: FriwaMicro up to 20 l/min*



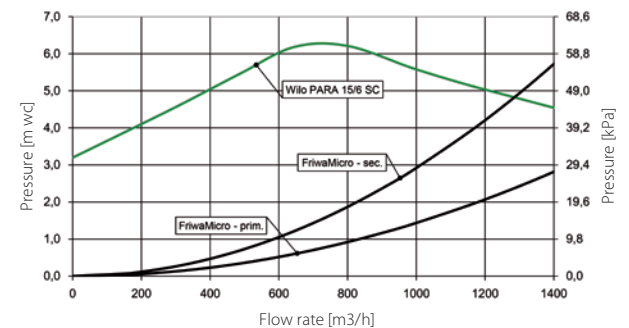
Special features

Domestic hot water module FriwaMicro:

- ✓ Small, compact, powerful
- ✓ Easy mounting to the storage tank, lateral drinking water-outlets possible
- ✓ Integrated protection against scalding thanks to thermostatic valve
- ✓ Cost-effective alternative without control
- ✓ Compliant with CE according to DIN EN 60335

FriwaMicro – Technical data

Materials	
Valves and fittings	Brass
Seals	AFM34/EPDM
Insulation	EPP
Cartridge sensor	Stainless steel
Flow switch	Noryl
Thermostatic valve	Body / valve plate: brass Seals: EPDM
Heat exchanger	Plates + connecting pieces: 1.4401 (AISI 316) Solder: 99.99 % copper <i>opt: coating based on silicon dioxide</i>
Technical data	
Max. pressure	prim. 3 bars / sec. 10 bars
Max. operating temp.	80 °C
Min. flow rate	2 l/min (according to SPF LK1*)
Max. flow rate	20 l/min (according to SPF LK1*)
Transmission performance	49 kW (according to SPF LK1*)
Dimensions	
Connections	¾" int. thread, flat sealing
Width	282 mm
Height	420 mm
Depth	265 mm
Equipment	
Heat exchanger	24 plates E8ASH
Cartridge sensor	30 – 60 °C
Flow switch	1.3 l/min (typical)




Design data, cold water entry temperature = 10 °C



Set temperature	Withdrawal capacity of hot water of 45 °C at a preset hot water temp.	Transfer capacity	Required primary flow temperature
45 °C	20 l/min 23 l/min	49 kW 57 kW	60 °C (LK 1)* 70 °C
60 °C	19 l/min	48 kW	70 °C (LK 2)*

* LK 1 = performance indicator 1
at a set domestic hot water temperature of 45 °C, at a primary flow temperature of 60 °C
** LK 2 = performance indicator 2
at a set hot water temperature of 60 °C at a preset flow temperature of 70 °C

FriwaMicro up to 20 l/min* – Order data

Illustration	Item	Item no.
		
	FriwaMicro, thermally controlled	6400010
	Pump prim.: Wilo Para 15/6-43	
	FriwaMicro, thermally controlled, with coated heat exchanger	6400030
	Pump prim.: Wilo Para 15/6-43	

Accessories FriwaMicro - DN 15

		
	Safety group	563907
	For hot water storage tank, with shutoff device and adjustable non-return valve	
		
	Accessory set FriwaMicro	64042001
	Consisting of: 3x ball valve DN 15	
	For locking the station during servicing Authorisation according to DVGW Connections 3/4" ext. thread	



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