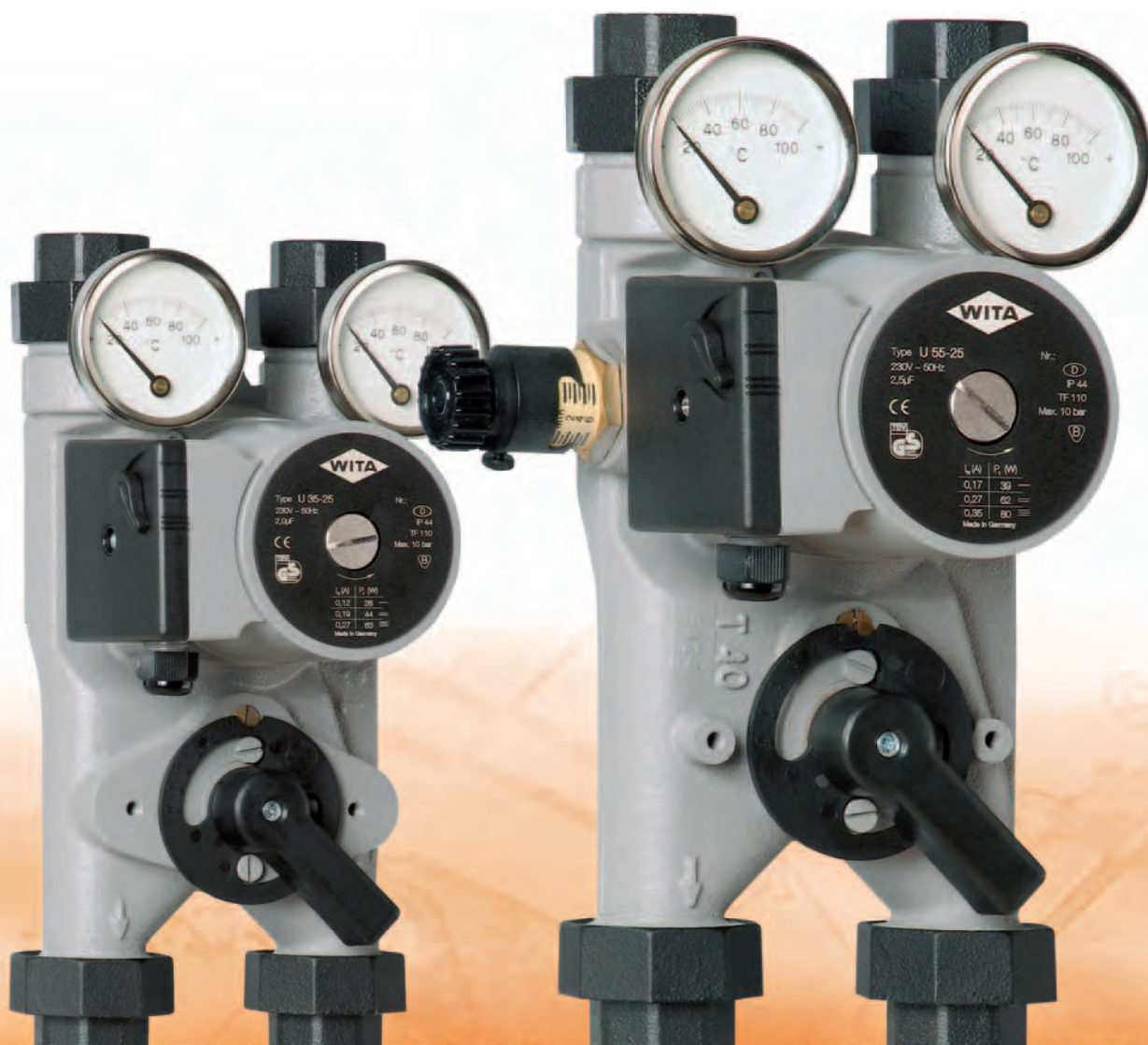




MIXING TECHNOLOGY

WITA-Blocs T 20, T 40








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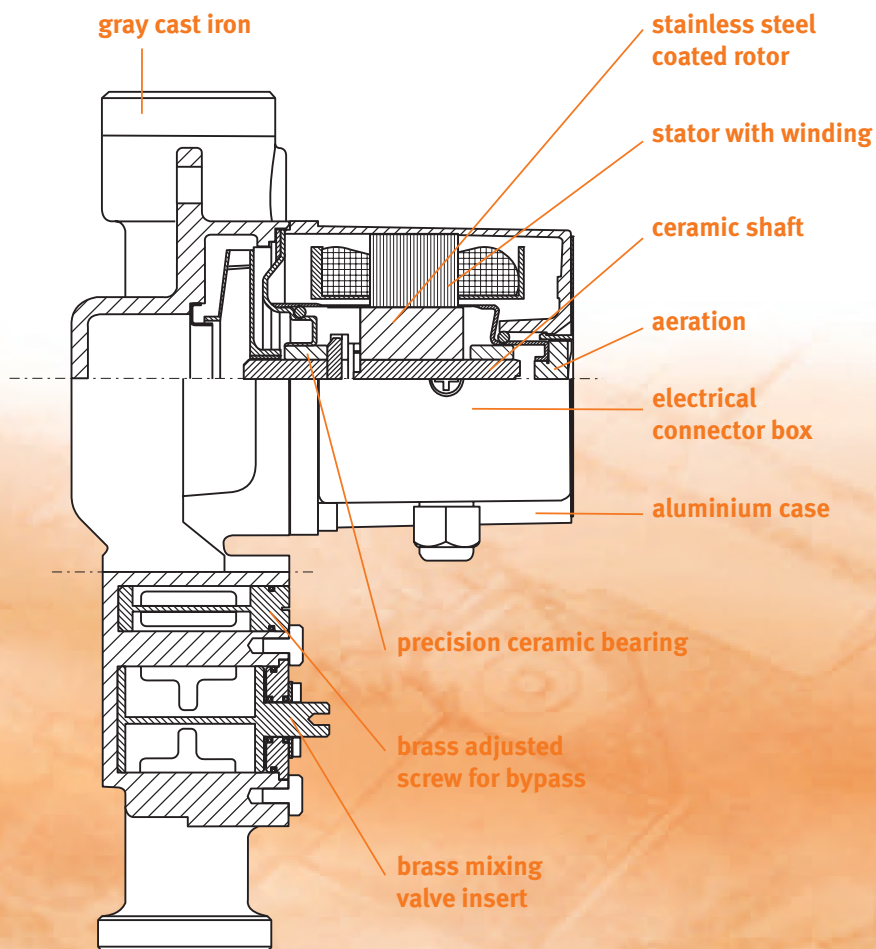


WITA has been supplying technically mature equipment for more than 40 years. We can supply all the equipment you need for a modern heating system.

Our product range includes

-  Mixing technology
-  Pump technology
-  Control technology
-  Drive technology
-  Fitting technology

Cutaway model WITA Bloc T 40



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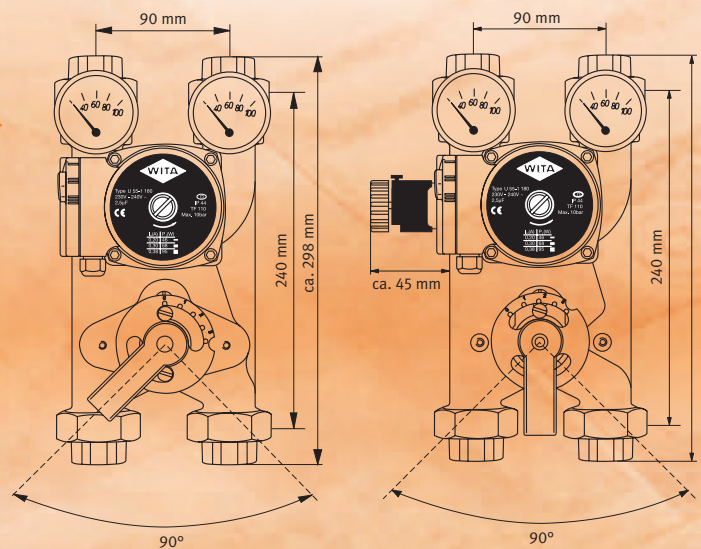


The WITA Bloc T 20 is a compact fitting made of grey cast iron that combines the circulating pump and mixer in a single casing. It is primarily designed for smaller and medium-sized warm water heating systems. Because of the rotational direction of the pump, the supply direction is to the right.

Technical specifications:

- 3 stage or electronic WITA circulating pump motor
- 4 way or 3 way (on request) mixer (brass lid and tap, sealed with double O ring)
- Bypass for floor heating systems
- Supply and return thermometers
- Parallel connections with G 1 1/2"
- 4 union nuts 1 1/2", 4 insertion parts 1" and 4 seals
- Available with insulation on request

Technical diagram T 20 and T 40



T 40

Centre distance 90 mm



The WITA Bloc T 40 is a compact fitting made of grey cast iron that combines the circulating pump, mixer and overflow valve in a single casing. It is primarily designed for smaller and medium-sized warm water heating systems. Because of the rotational direction of the pump, the supply direction is to the right.

Technical specifications

- 3 stage WITA circulating pump motor
- adjustable overflow valve on the side
- 4 way or 3 way (on request) mixer (brass lid and tap, sealed with double O ring)
- Bypass for floor heating systems
- Supply and return thermometers
- Parallel connections with G 1 1/2"
- 4 union nuts 1 1/2", 4 insertion parts 1" and 4 seals
- Available with insulation on request

Insulation for T 20 and T 40



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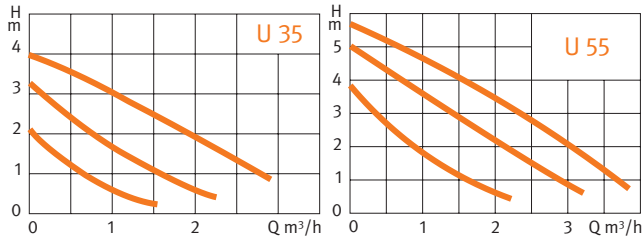
Function & Performance Curves

Pump

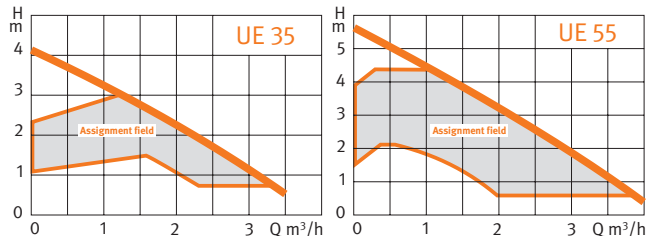
Special bearings and a bucket wheel geometry that is optimised for each model ensure that the 3 stage or electronic motor runs at a particularly low noise

level. The rotor shaft and bearings are ceramic. The rotor is technopolymer.

3 stage pump motor

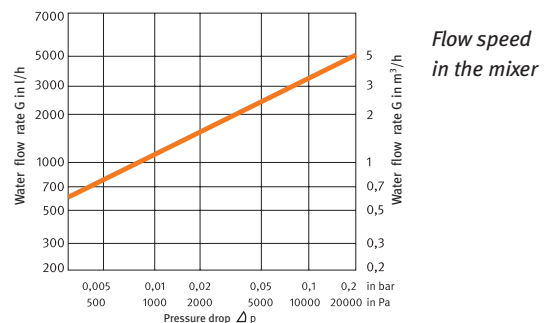


electronic pump motor



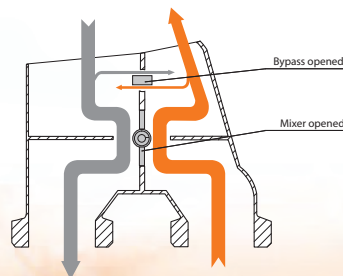
Mix controller

The incorporated 4 way mix controller has linear temperature characteristics. Meticulously designed-profiled outlets guarantee linear temperature control via the return flow admixture. The rotary valve and mixer lid are made of brass. Double O rings guarantee a tight seal. A 3 way version can be supplied on request.



Bypass

Low temperature heating systems (floor heating) are equipped with an adjustable bypass flap. It is located between the heating supply and return. This ensures optimal control of the supply temperature, even in low temperature heating systems, due to the full utilisation of the mixing valve adjustment range of 90°.

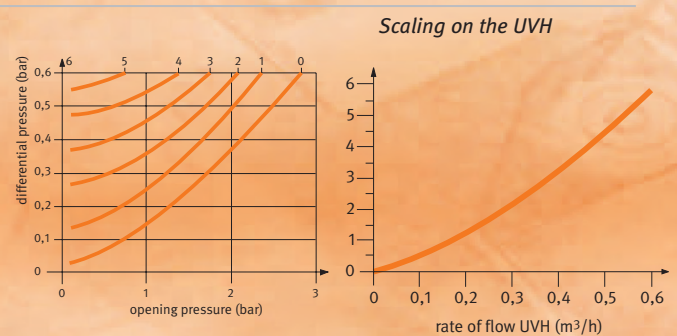


Thermometer

The WITA blocs are fitted with supply and return thermometers.

Overflow valve

In order to avoid flow noise, the WITA blocs T 20 and T 40 can be fitted with an overflow valve. The top section of the valve is made of brass. The valve spring is made of stainless steel, the valve head of plastic. An O ring guarantees a tight seal. The valve is set using a large setting scale and can be locked in place with a screw.






Connection

The boiler supply and return is at the bottom, and the heating supply and return is at the top of the WITA blocs.

They are fitted with 4 union nuts 1 1/2", 4 insertion parts 1" or 1 1/2" and 4 seals.

Range of WITA Blocs

Article		Centre distance	Motor head	Art. no.
 WITA Bloc T 20	3 way with WITA motor head U 35	90 mm	U 35	M 31 110
	3 way with WITA motor head U 55	90 mm	U 55	M 31 120
	3 way with electronic WITA motor head UE 35	90 mm	UE 35	M 31 130
	3 way with electronic WITA motor head UE 55	90 mm	UE 55	M 31 140
	4 way with WITA motor head U 35	90 mm	U 35	M 31 210
	4 way with WITA motor head U 55	90 mm	U 55	M 31 220
	4 way with electronic WITA motor head UE 35	90 mm	UE 35	M 31 230
	4 way with electronic WITA motor head UE 55	90 mm	UE 55	M 31 240
 WITA Bloc T 40	3 way with WITA motor head U 35	90 mm	U 35	M 36 110
	3 way with WITA motor head U 55	90 mm	U 55	M 36 120
	4 way with WITA motor head U 35	90 mm	U 35	M 36 210
	4 way with WITA motor head U 55	90 mm	U 55	M 36 220
 ACCESSORIES	Insulation for Bloc T 20 and Bloc T 40			M 00 100