



FITTING TECHNOLOGY

Fitting group KM Ms








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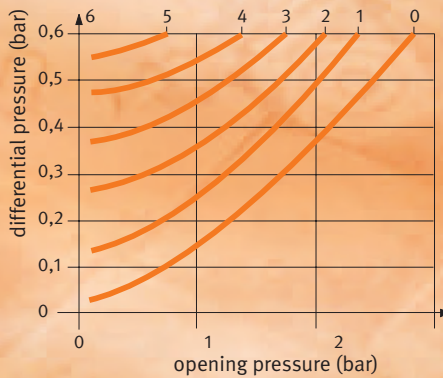
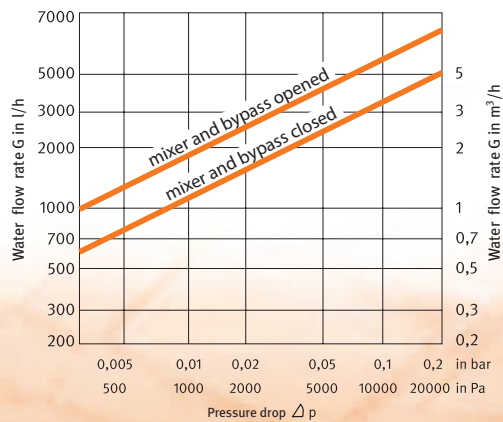


WITA has been supplying technically mature equipment for more than 40 years. We can supply all the equipment you need for a modern heating system.

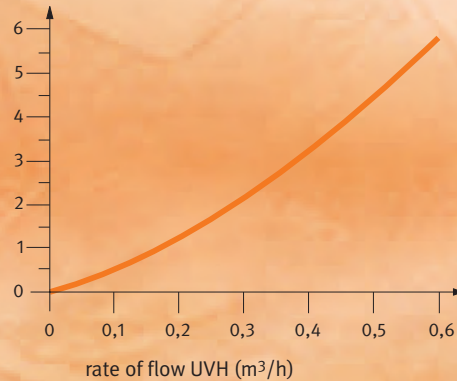
Our product range includes

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

Flow speed in the mixing valve



Scaling on the UVH



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The WITA KM Ms range of fittings (compact brass module) offers suitable control options for most warm water heating systems.

40 years of experience in the construction and manufacturing of fittings for heating technology were put to practical use for the production of the individual modules.



Features:

- compact and infinitely combinable
- robust design
- corrosion-resistant materials
- mature construction and technology
- flat-sealing construction
- Available with insulation on request
- variable centre distance from 90–150 mm

Mixing valve H 6 and H mixing valve Vario

Casing, control insert, lid and mixing shaft are made of brass. The mixing shaft is equipped with a double O ring seal. The adjustment lever and display scale are made of thermally stable plastic.

The H 6 mixing valve has parallel connections for supply and return (heater side at the top with Meibes flange - boiler side at the bottom with G 1 1/2" thread). The supply and return flows are interchangeable. The equipment is delivered with supply from the right. For installations with boiler supply from the left, the pump must be installed on the left hand side, and the mixing valve scale must be turned. The mixing valve guarantees linear temperature control through specially profiled inlets and outlets. The central

arrangement of the fastening points enables the simple attachment of a controller. The mixing valve can be used for manual or motor control. The H 6 mixing valve is equipped with an infinitely adjustable bypass slide valve for low temperature heating systems. It is available as 3 way or 4 way version.

The H mixing valve Vario offers the same performance, technology and design as the H 6 mixing valve, but is additionally equipped with two eccentric pieces on the boiler side which can be optionally varied to a 90-150 mm or 60-180 mm centre distance.

Servomotor SM 4 is suitable for motor driven operation.

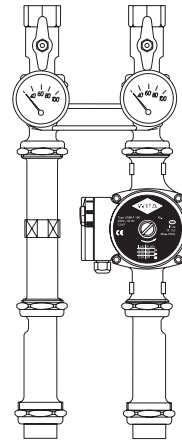
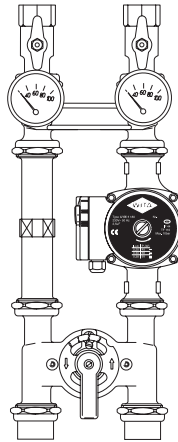
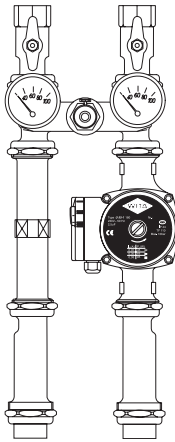
Overflow valve UVH/W Ms

The housing, top section of the valve and plug are made of brass. The valve spring is made of stainless steel, the valve head and insert 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. The UVH/W Ms is fitted with supply and return thermometers.

The UVH/W Ms overflow valve has parallel connections; the lower connections are fitted with 2 G 1 1/2" – union nuts and the upper connections with 2 G 1 1/2" – threads. This version can be used for heater supply from the right or the left. Removing the plug on the back reveals a rotating insert that is used to set the required direction. The equipment is delivered with supply from the right. If heater supply is desired from the left, the insert can be turned through 180°.

Technical specifications	Mixing valve	Overflow valve
Max. operating temperature:	110°C	110°C
Max. operating pressure:	10 bar	10 bar
KVS:	10	
Bore:	DN 25	
Setting range:		0,5 WS – 6 M WS
Throughput capacity:		3,5 m ³ /h

Examples



KM Ms group for radiators

Equipment
1 ball valve with gravity brake
1 ball valve without gravity brake
Overflow valve UVH/W Ms 120
Pump WITA U 35-25
Spacer D 180 Ms
Brass mixing valve H 6
2 eccentric pieces E Ms 15
<i>or</i>
2 eccentric pieces E Ms 30
<i>or</i>
1 set of connection pieces

KM Ms group for floors

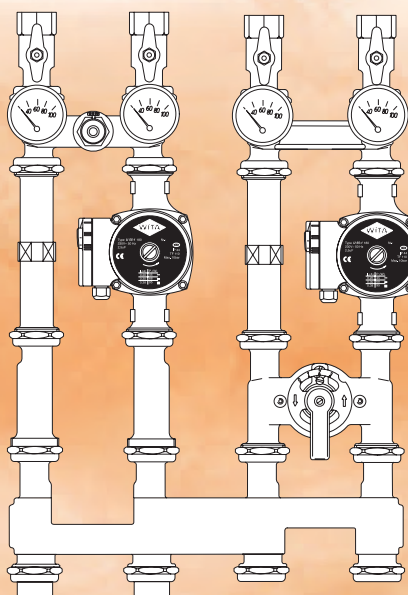
Equipment
1 ball valve with gravity brake
1 ball valve without gravity brake
Thermometer bridge FTH Ms 120
Pump WITA U 35-25
Spacer D 180 Ms 4 way brass
mixing valve H 6
2 eccentric pieces E Ms 15
<i>or</i>
2 eccentric pieces E Ms 30
<i>or</i>
1 set of connection pieces

KM Ms group for hot water boilers

Equipment
1 ball valve with gravity brake
1 ball valve without gravity brake
Thermometer bridge FTH Ms 120
Pump WITA U 35-25
Spacer D 180 Ms
2 Spacers D 115 Ms
2 eccentric pieces E Ms 15
<i>or</i>
2 eccentric pieces E Ms 30
<i>or</i>
1 set of connection pieces

Combined unit for floor and radiators

1 ball valve with gravity brake
 1 ball valve without gravity brake
 UVH/W Ms 120
 D 180 Ms
 Circulating pump
 WITA U 35-25
 2x D 115 Ms
 Connecting set
 Distributor C1 120 mm
 Connecting pieces



1 ball valve with gravity brake
 1 ball valve without gravity brake
 FTH Ms 120
 D 180 Ms
 Circulating pump
 WITA U 35-25
 3 way brass mixing valve H 6
 Fastening set

Parts list

Fitting group KM Ms

Article	Version	Art. no.	
	with 2 union nuts, 2 seals		
	3 way mixing valve H 6 with bypass	120 mm	A 55 100
	4 way mixing valve H 6 with bypass	120 mm	A 56 100
	3 way mixing valve H 6 with bypass	125 mm	A 55 200
	4 way mixing valve H 6 with bypass	125 mm	A 56 200
	with 2 union nuts, 2 seals		
	Overflow valve UVH/W Ms 120 with 2 thermometers	120 mm	A 34 100
	Overflow valve UVH/W Ms 125 with 2 thermometers	125 mm	A 34 110
	with 2 union nuts, 2 seals		
	Thermometer bridge FTH Ms 120 with 2 thermometers	120 mm	A 37 100
	Thermometer bridge FTH Ms 125 with 2 thermometers	125 mm	A 37 110
	Spacer D 180 Ms with 2x male threads G 1 1/2"	A 40 100	
	Spacer D 115 Ms with 1x male thread 1 1/2", union nut G 1 1/2", 1 seal	A 41 100	
	with 1 union nut G 1 1/2", 1 seal		
	Eccentric piece E Ms 15 (1 set = 2 pieces) (Max. offset 30 mm)	A 44 100	
	Eccentric piece E Ms 30 (1 set = 2 pieces) (Max. offset 60 mm)	A 44 200	
	Connecting pieces for mixing valves H 6, H9 Ms, distributor C1, FTH, and UVH	M 510 002	
	consisting of: 2 union nuts G 1 1/2" Ms, 2 insertion pieces Ms, 2 seals, connecting pieces		
	with 1 union nut G 1 1/2", 1 seal		
	Ball valve 1"	A 31,100	
	Ball valve 1" with gravity brake	A 31,200	
Insulation	Insulation for complete fitting group	A 00 100	
Pre-assembly	Pre-assembly of the individual modules	A 00 200	
Brass distributor	Distributor C1, 120 mm, Ms (without insulation)	A 50 100	
Accessories for distributor C1	Connecting set, 4 nuts G 1 1/2" Ms, 4 seals	A 50 115	
	Connecting set, 2 nuts G 1 1/2" Ms, 2 sealing discs, 2 seals	A 50,120	
	Insulation	A 50 105	
	1 wall-mounting kit	A 50 110	