



Thermax
Heating technology



 **Distribution system Thermax**





Application range

- for wall-mounted boilers

Recommended application range

- K31: up to 23 kW, 20 K up to 1000 l/h
- K32: up to 19 kW, 20 K up to 820 l/h

Operating data

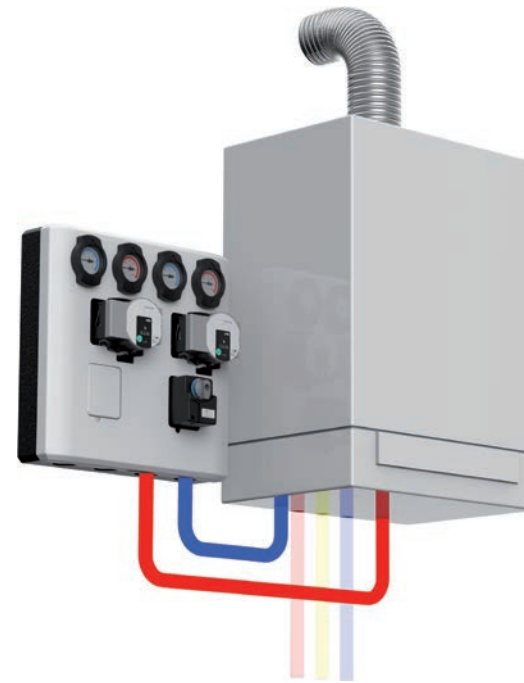
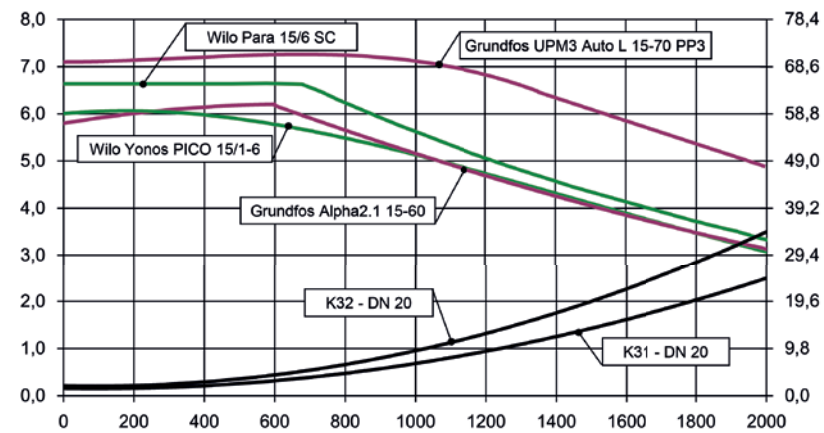
Maximum pressure	6 bars
Max. operating temperature	110 °C
Kvs value unmixed	4.7
Kvs value mixed	3.7
Kvs value distribution manifold	7.8

Technical data

Dimensions

Nominal diameter	DN 20 (3/4")
Connection generator	1" ext.thread / 3/4" int. thread
Connection consumer	3/4" int. thread
Height	400 mm
Installation length	335 mm
Centre distance	90 mm
Width	408 mm
Materials	
Valves and fittings	Brass
Gaskets	EPDM / AFM34
Insulation	EPP / ABS

Differential pressure diagram



Installation beside the boiler

Thermax is directly mounted to the wall without distance pieces.



Installation below the boiler

The pipes are installed between wall and Thermax with distance pieces.

Application range Thermax

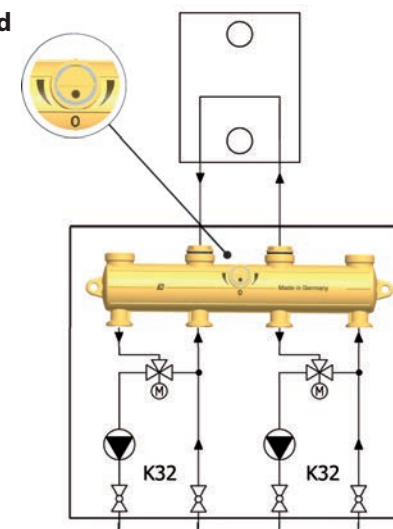
The Thermax system has been designed for applications with two different temperature levels. An application example: it can be connected to a consumer with a high flow temperature (such as a radiator) and a consumer with a low flow temperature (such as a radiant floor heating).

The Thermax distribution manifold is equipped with an integrated, adjustable bypass. This bypass can be closed (the Thermax distribution manifold is pressure tight - for applications with boilers without internal pump) or it can be opened (in this case, a low-loss bypass is activated in the Thermax distribution manifold - for applications with an internal pump).

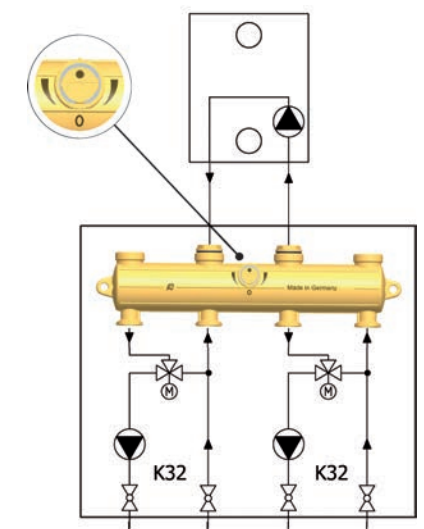


Thermax - K31-K32 - DN 20	EEI*	with	Item no.
Wilo Yonos PICO 15/1-6	< 0.20	▲M	323621WN06
Wilo Para SC 15/6-43	< 0.20	▲M	323621WP6
Grundfos Alpha2.1 15-60	< 0.17	▲M	323621GH6
Grundfos UPM3 Auto L 15-70	< 0.20	▲M	323621GM6
Thermax - K32-K32 - DN 20	EEI*	with	Item no.
Wilo Yonos PICO 15/1-6	< 0.20	▲M	323622WN06
Wilo Para SC 15/6-43	< 0.20	▲M	323622WP6
Grundfos Alpha2.1 15-60	< 0.17	▲M	323622GH6
Grundfos UPM3 Auto L 15-70	< 0.20	▲M	323622GM6

Bypass closed



Bypass open





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