



High temperature zone module K31; residential series

3/4" / DN 20

For high temperature zone or boiler primary loop

USE High Temperature Zone Modules K31 in closed loop design to supply high temperature zones, such as indirect water heaters, baseboards or fan coil units, or as modules for injection mixing. All supply and return lines are 3/4". Up to 9 high temp modules can be installed on one manifold. Under certain conditions, such as with the use of a condensing boiler, K31 can be connected directly to the heat source, provided the following conditions apply:

- Proper flow is maintained through the heat source.
- Heat source can be set to desired temperature setting (no mixing required).
- No minimum return fluid temperature is required for the heat source.
- All the necessary conditions and piping practices, as outlined by the heat source manufacturer, are properly maintained.

Your advantages:

Full port ball valve.

Connection 3/4" female.

Function-optimized insulation design

made of durable elastic EPP, **100% insulation of the fittings**, and air duct to cool the pumps.

Free access to the pump head by simply pulling off the cover.

Flow check valve in return pipe is noise free,

low pressure drop, manual opener for faster line drain service, spring-actuated - suited for horizontal, vertical or flow-down assembly.

Supply on the right = standard

If required, the supply and return connections can be simply changed on site.



All components (except the circulator) are manufactured from brass.

Full metal temperature gauges

can be pulled off, brass thermowell is integrated in the ball valve.

Pump can be replaced or serviced

without draining the system.

Fully assembled with flat sealing union connections at most joints,

including 1" connection nut for the installation on PAW-distribution manifold.

For **stand alone** assembly, use the conversion kit with wall bracket from the PAW-assembly accessories.

The insulation of distribution manifold

is integrated in the insulation of zone module.

TECHNICAL DATA Zone Module K31

Dimension	DN 20 - 3/4"	
Materials	Fittings	Brass
	Gaskets	EPDM / NBR
	Insulation	EPP
Technical data	Max. pressure	8 bar / 116 psi
	Max. temperature	110 °C / 230 °F
	CV value	4.3
Dimensions	Supply / Return line to manifold (flat sealing)	1" male
	Supply / Return line to heating zone	3/4" female
	Pipe-centre distance	3 1/2" / 90 mm
	Length	255 mm / 10"
	Width insulation	180 mm / 7 1/16"
	Height insulation	385 mm / 15 1/8"
	Recommended application	High / floating temperature zone control up to 102 MBH / 30 kW at ΔT = 36 °F / 20°C

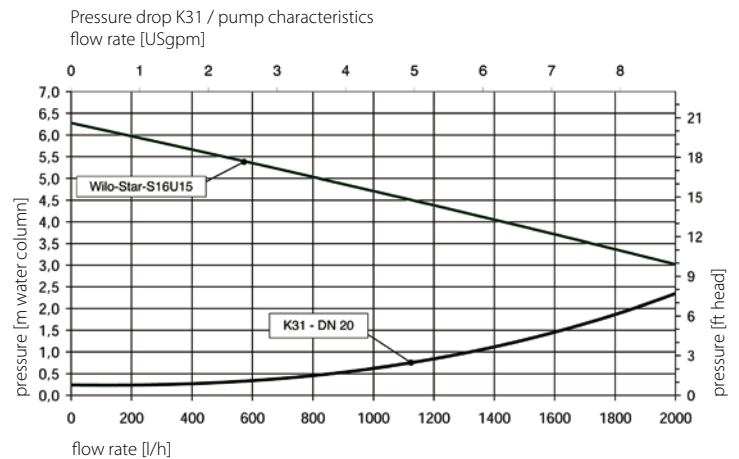


Illustration	Type	Information	PAW pump	Item #
	K31 3/4" DN 20	Advantages PAW pump: <ul style="list-style-type: none"> • completely preassembled • precisely integrated in the insulation • pressure tested • serial number • 3-speed pump 	Wilo Star S 16 U-15 - 130	32011 WI16 NA