

# System 4 Slimline Mini



- Preinsulated EPP cabinet with low heatloss
- Direct heating
- Electronic DHW controller with stepper controlled valve



Introducing the KVM System 4 Slimline Mini: Your Ultimate Solution for Central Heating and Domestic Hot Water with built in connectivity features.

Experience efficiency redefined with the KVM System 4 Slimline Mini – the premium Heat Interface Unit (HIU) tailored for hassle-free installation in apartments and single-family homes seamlessly connected to a district heating network. The unit is factory fitted with wiring and a preprogrammed controller fully equipped from the factory, complete with pre-wired components, an innovative pre-programmed controller, and conveniently fitted cables. This will ensure an efficient and simple commissioning.

Meet the Vision Domestic Hot Water Controller – an innovative motor controller meticulously designed for swift response times across diverse domestic hot water load cycles. Unlock advanced features that reduce energy consumption during standby and holiday modes, ensuring unparalleled efficiency. The innovative vision controller comes with built-in connectivity features as standard which makes remote monitoring and parameter adjustments possible.

Harnessing the power of temperature sensors and a single flowmeter, the Vision controller seamlessly adapts to your district heating supply, guaranteeing precise waterflow temperatures that cater to your needs. This translates to unmatched comfort and substantial energy savings, providing an exceptional experience for end users.

In this direct heating system solution, heating supply is elegantly managed by the energy efficient circulation pump which will adapt to the required demand. Through the built in mixing group control the flowtemperature of the system is adapted to the specific requirement of the home. The unique benefit of this control lies in the energy saving possibilities. To operate, a room thermostat becomes your indispensable companion.

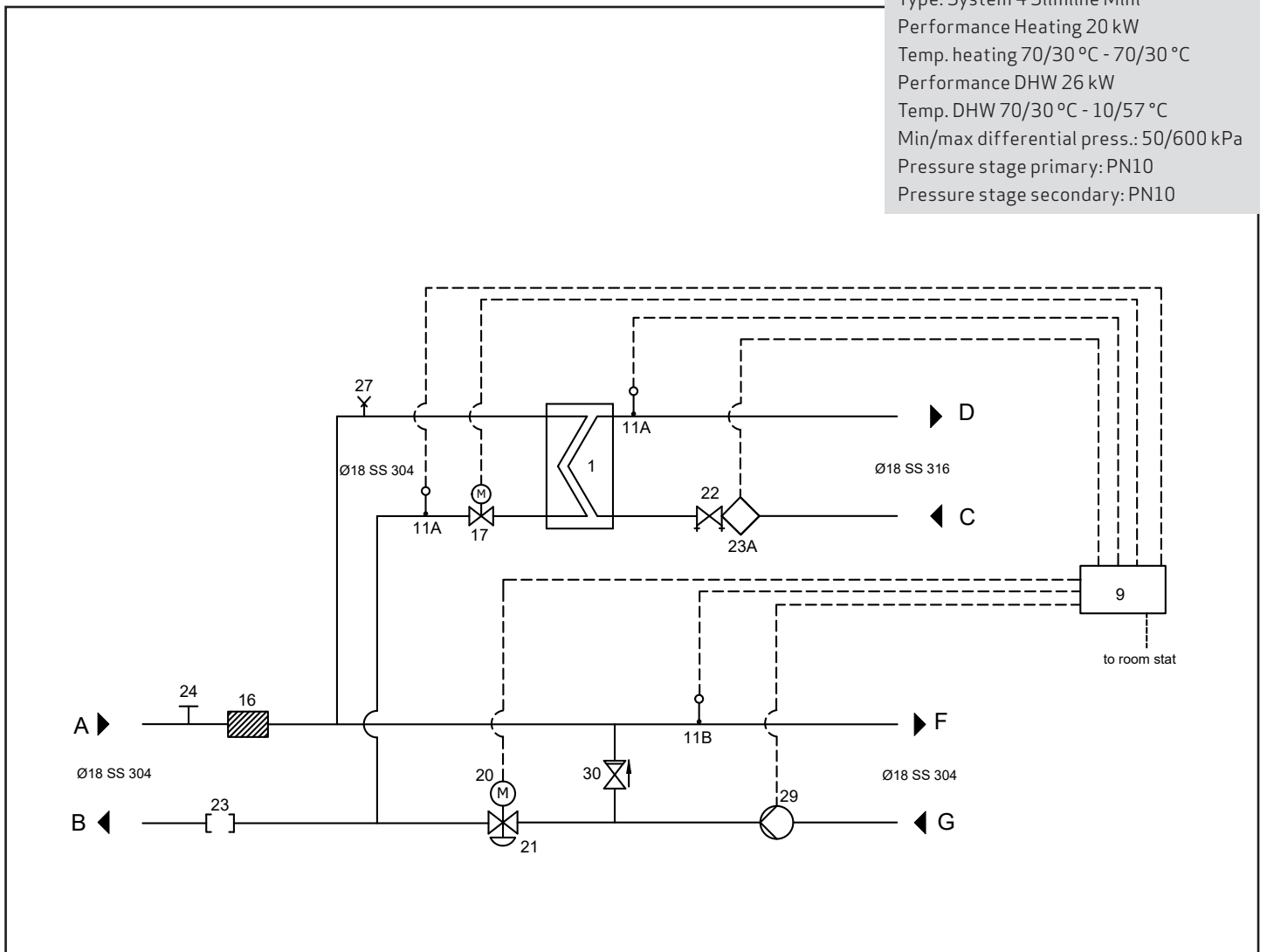
# Highlights

- Pre-insulated EPP cabinet
- Direct heating
- Electronic DHW controller with stepper controlled valve (no P-band)
- Energy saving features e.g. holiday mode / deactivation of "keep warm"
- Double wall heatexchanger
- Electronic heating controller
- Low heatloss
- Compact design
- Spoolpiece for heatmeter (3/4" x 110 mm)

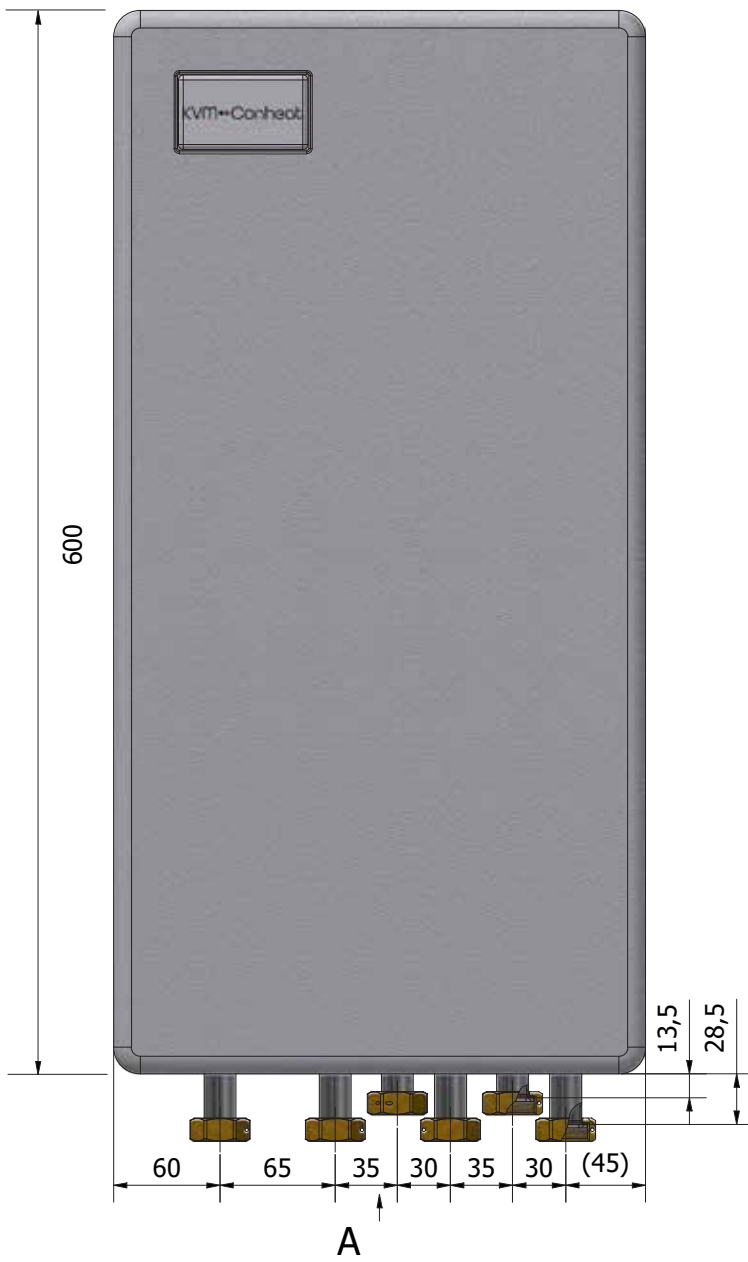
# PI diagram

## Specifications

Type: System 4 Slimline Mini  
Performance Heating 20 kW  
Temp. heating 70/30 °C - 70/30 °C  
Performance DHW 26 kW  
Temp. DHW 70/30 °C - 10/57 °C  
Min/max differential press.: 50/600 kPa  
Pressure stage primary: PN10  
Pressure stage secondary: PN10



## Dimensional sketch



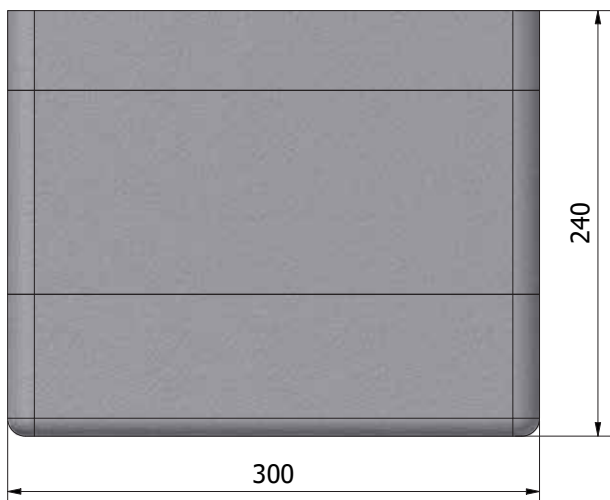
### Dimensions

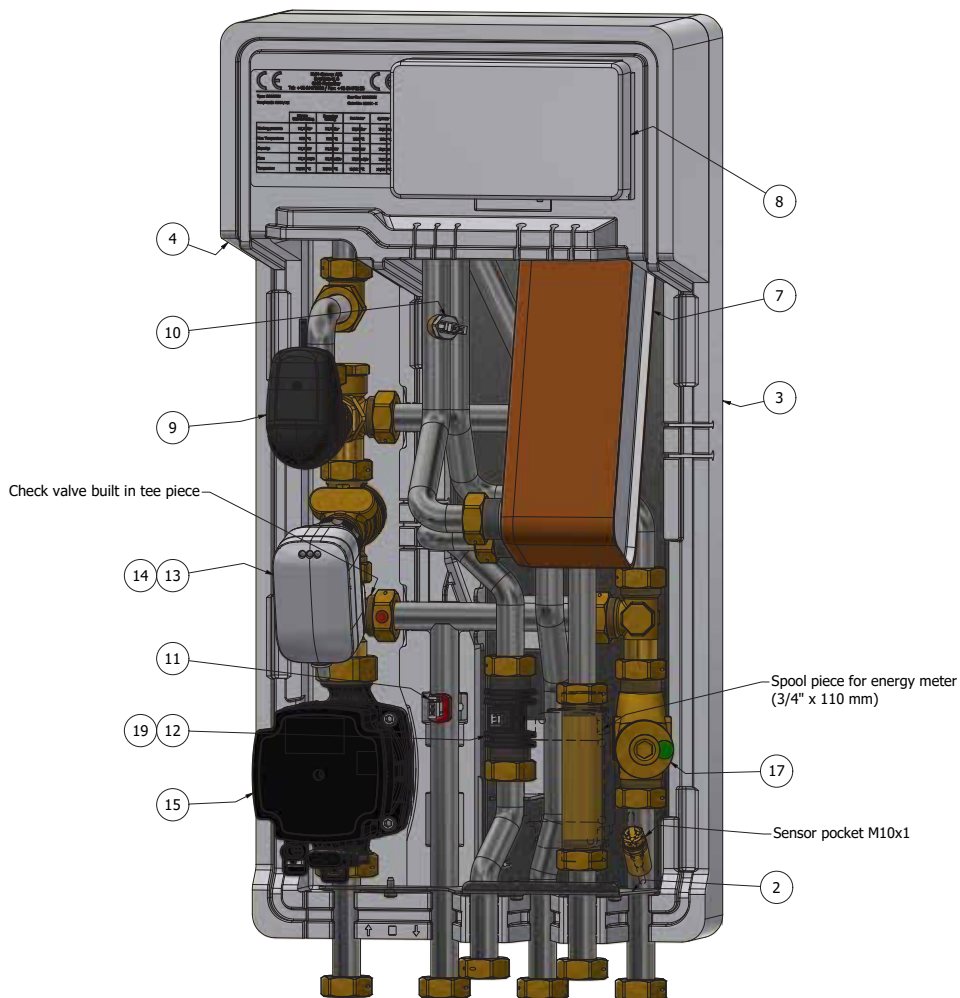
Height: 629 mm

Width: 300 mm

Depth: 240 mm

*The dimensions are including cabinet and connections.*





PARTS LIST			
No.	DESCRIPTION	QTY	STOCK
3	EPP cover - Part 1	1	103151
4	EPP cover - Part 2	1	103152
5	EPP cover - Part 3	1	103153
7	Double wall D.H.W heat exchanger	1	109486
8	Vision DUO controller	1	106512
9	Control valve with stepper motor (DHW)	1	10XXXX
10	Immersion temperature sensor	2	109440
11	Clip-on temperature sensor	1	100406
12	Flow sensor	1	105833
13	Actuator for control valve (heating)	1	100719
14	Control valve (heating)	1	101761
15	Circulation pump	1	104435
16	Check valve	1	105704
17	Strainer	1	105875
18	Air bleeder	1	100990
19	Flow limiter 8 l/min	1	100793