

System 6

- Low heatloss
- Remote monitoring and control of HIU
- Innovative heating and DHW controller



Introducing the KVM System 6: Your Ultimate Solution for indirect Central Heating and Domestic Hot Water with built in connectivity features.

Experience efficiency redefined with the KVM System 6 – the premium Heat Interface Unit (HIU) tailored for hassle-free installation in apartments and single-family homes seamlessly connected to a district heating network. Our HIU comes fully equipped from the factory, complete with pre-wired components, an innovative pre-programmed controller, and conveniently fitted cables, ensuring a swift and uncomplicated setup.

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.

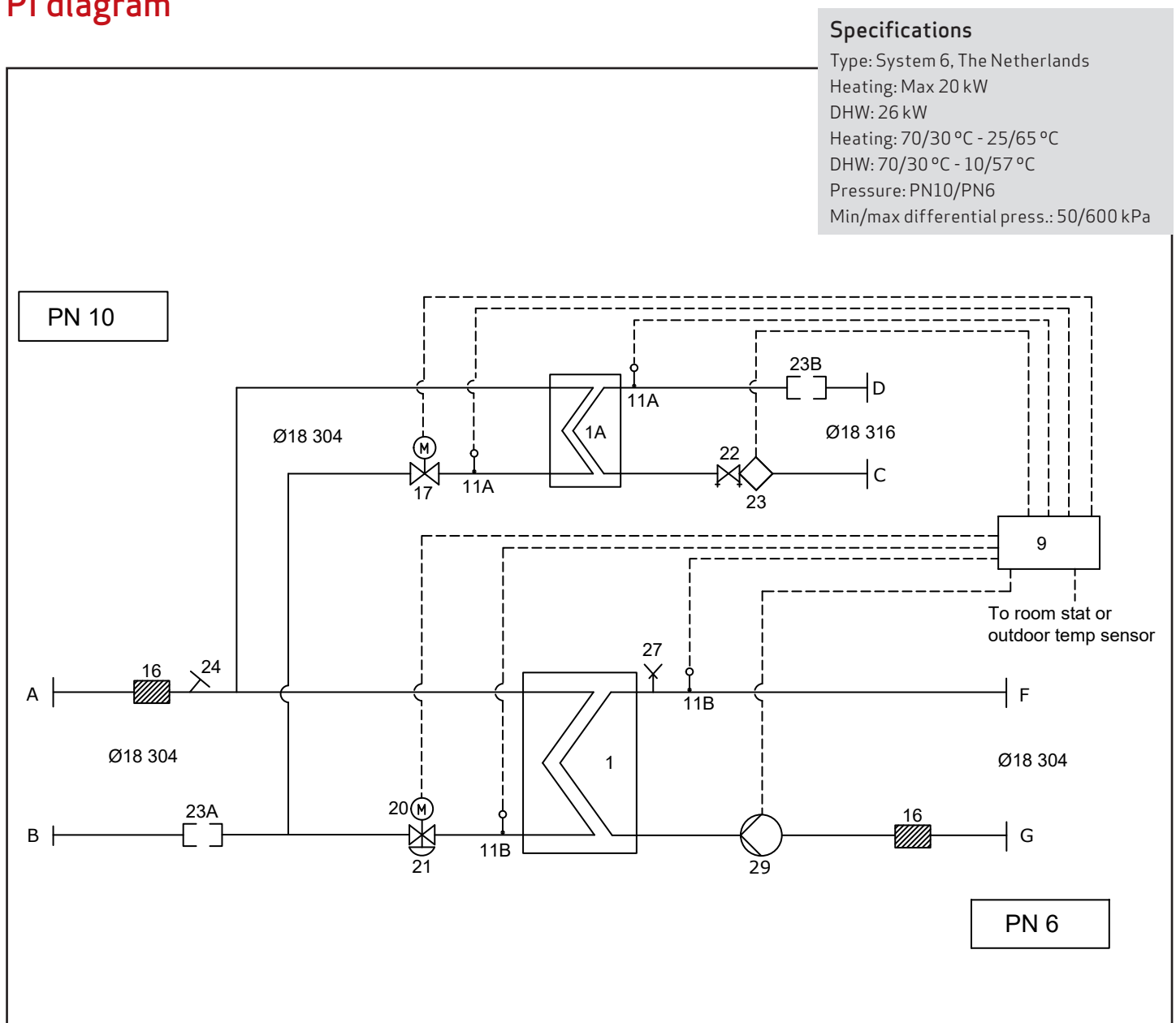
Harnessing the power of temperature sensors and a single flowmeter, the Vision controller seamlessly adapts to your district heating supply, guaranteeing precise waterflow temperatures that cater to your needs. This translates to unmatched comfort and substantial energy savings, providing an exceptional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

In this indirect heating system solution, heating supply is elegantly managed by the energy efficient circulation pump which will adapt to the required demand. Due to the indirect heating supply, the primary and secondary heating sides are independent of each other making the installation possibilities greater than the direct type heating unit. Through the built in adaptive temperature 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 or an outdoor temperature sensor becomes your indispensable companion.

Highlights

- Low heatloss
- Remote monitoring and control of HIU
- Innovative heating and DHW controller
- Pre-insulated EPP cabinet
- Indirect heating
- Energy saving features e.g. holiday mode/deactivation of "keep warm"
- Double wall heatexchanger for domestic hot water
- Single wall heatexchanger for heating circuit
- Compact design

PI diagram



Dimensional sketch



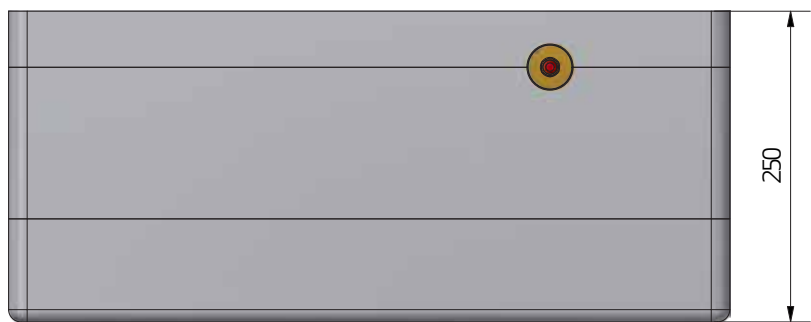
Dimensions

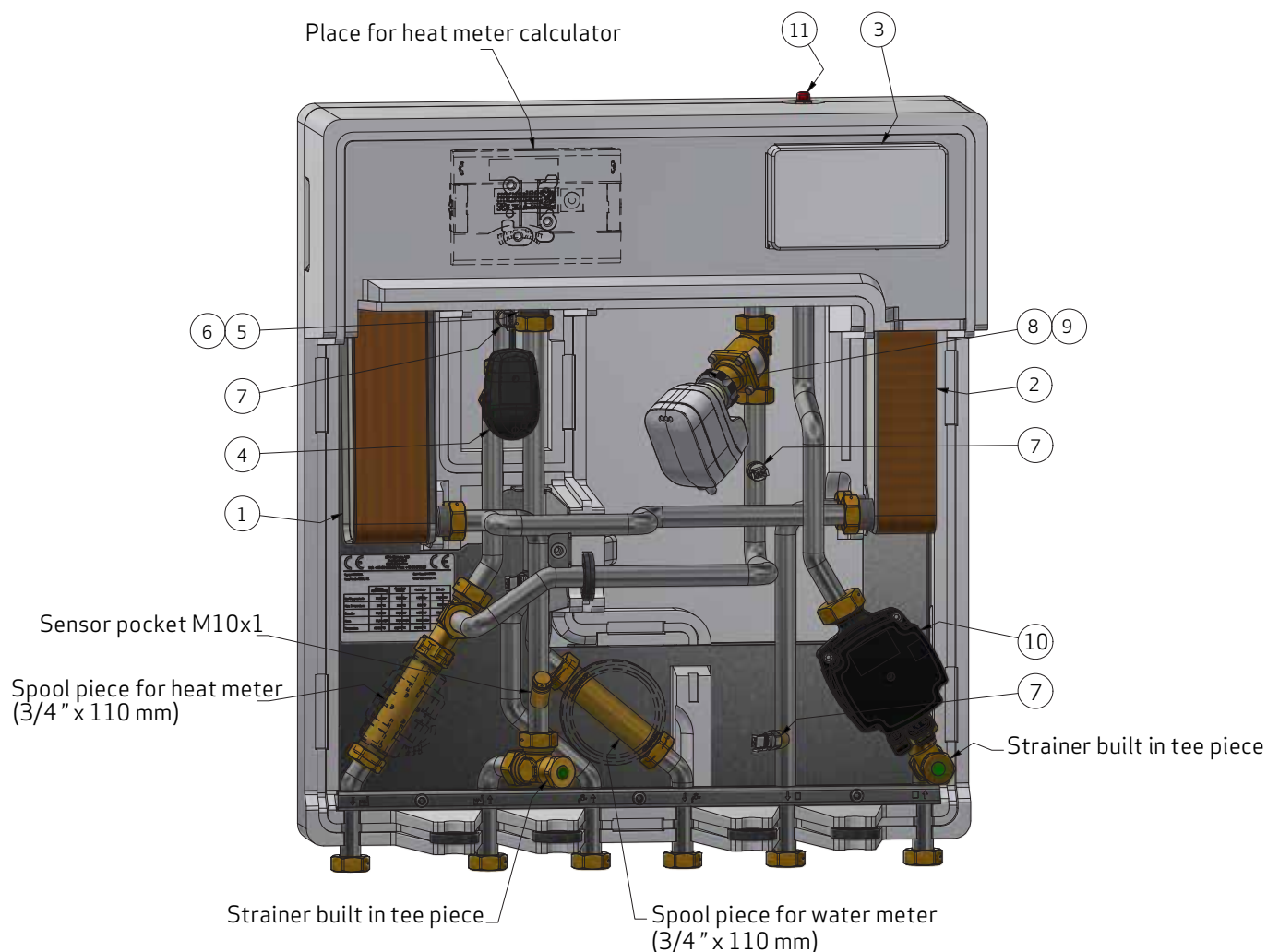
Height: 640 mm

Width: 580 mm

Depth: 250 mm

The dimensions are including cabinet and excluding connections.





PARTS LIST		
No.	DESCRIPTION	QTY
1	Double wall D.H.W heat exchanger	1
2	Heat exchanger for heating	1
3	Heating / cooling controller (Vision Duo)	1
4	Fast acting control valve	1
5	Flow sensor	1
6	Flow limiter	1
7	Immersion temperature sensor	4
8	Actuator for control valve (heating)	1
9	Control valve (heating)	1
10	Circulation pump	1
11	Automatic air vent	1