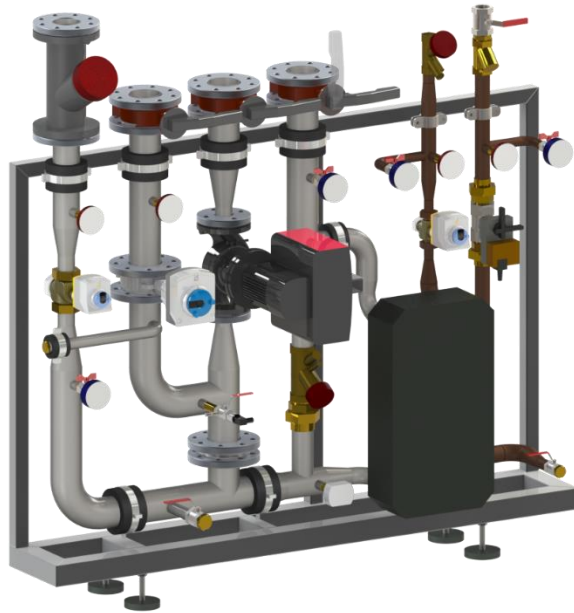


ShuntTek kombi-shunt group

Heating capacity 5,0 – 400 kW



Benefits:

- Compact size for an easy installation and transport.
- Space and time savings during on-site installation.
- Completely mounted in case with mineral wool insulation.
- Easy to install and maintain.
- Complete with the pump, control valve and actuator.
- Possibility to choose pump model and actuator.
- Available in left-hand and right-hand versions.
- Other designs can be delivered as desired.

Product information:

Prefabricated and ready to connect ShuntTek kombi-shunt is designed for supplying heat and cold to the ventilation units, combined heating/cooling systems. ShuntTek is a factory assembled kit which provides accurate temperature control of the medium coming from a primary network system. The standard unit consist of fully welded black steel P235TR1 pipe material for heating side and AISI316L stainless steel for cooling. Kombi-shunt group is designed as floor mounted. ShuntTek kombi-shunt is equipped with high quality and world recognized components, that ensures high performance during operation time.

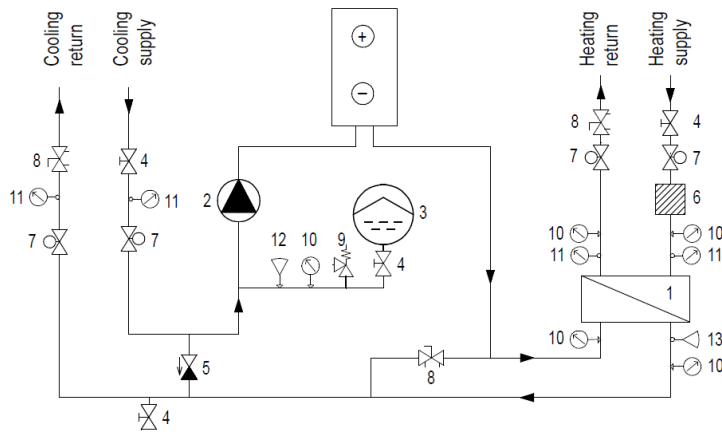
Technical information:

ShuntTek kombi-shunt group technical parameters:

Type	KSH15	KSH20	KSH25	KSH32	KSH40	KSH50	KSH65	KSH80
Pipe diameter	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80
Max flow, m ³ /h	0.25	0.5	1	2	3.5	6.5	12	17.5
Max head, kPa	55	55	55	55	60	60	60	65
Max capacity, kW	5	5-10	10-20	20-40	40-80	80-150	150-270	270-400

* Flow parameters are given at medium water and $\Delta T = 20^{\circ}\text{C}$. With other medium and ΔT meanings maximum flow parameters may vary.

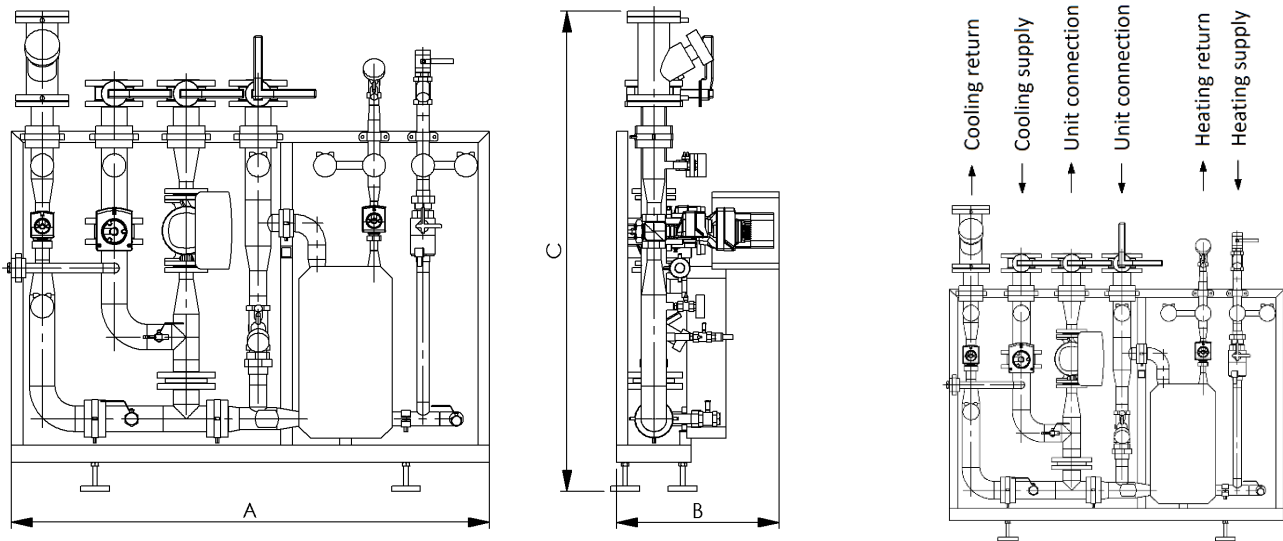
Principal scheme and components:



- 1 - Heat exchanger
- 2 - Circulation pump
- 3 - Expansion vessel
- 4 - Close valve
- 5 - Check valve
- 6 - Filter
- 7 - Control valve
- 8 - Balancing valve
- 9 - Safety valve
- 10 - Manometer
- 11 - Thermometer
- 12 - Pressure sensor
- 13 - Temperature sensor

* Principal scheme shows components and operating principle of ShuntTek kombi-shunt group.

Dimensions and weight:



Type	KSH15	KSH20	KSH25	KSH32	KSH40	KSH50	KSH65	KSH80
A - Length, mm	1400	1450	1500	1550	1600	1650	1700	1700
B - Width, mm	450	450	450	500	500	550	550	600
C - Height, mm	1400	1450	1500	1550	1600	1650	1700	1700
Net weight, kg	130	140	150	160	180	200	230	250

* Approx. dimensions. Depending on the project requirements, connections, type of pumps the dimensions may vary.

Installation and connection versions:

ShuntTek is designed in two different installation setups: left-hand and right-hand versions. Connections of heating, cooling, unit sides are directly from above. Other design layouts can be ordered according to customer requirements. ShuntTek kombi-shunt connection points can be easily adapted to project parameters.



Left-hand version



Right-hand version