

NEW: Pressure transmitter type 560

The type 560 is based upon the millionfold proved and well known Huba Control stainless steel sensor technology. Thanks to its hermetically welded construction, it is ideal for refrigerants and media from safety classes A2L and A3. Due to a large selection of pressure connections, the pressure transmitter can be optimally integrated into a wide range of applications.

Advantages type 560

- Hermetically welded construction without elastomer seal enables use in a wide range of refrigerants
- Two colour design of the connectors for visual identification of different pressure zones in the application – to optimise the process reliability during assembly or service
- Soldered pipe version for copper-to-copper soldering and easy integration into tube systems
- Evaluation of correct operation and failure conditions according to DIN EN 60335-2-40 for use in systems with flammable refrigerants
- Guarantee of high quality through 100 % leakage control with helium during production

Type 560 variants

Huba type 560 ¹⁾	Technical data
Pressure range relative	- 1 ... 150 bar
Pressure range absolute	0 ... 18 bar
Accuracy	± 0.5 % FS
Temperature range	-40 ... +125 °C (other temp. on request)
Electrical connection (optional in RAL 7035)	Metri Pack 150 P2S Swift connector
Pressure connection/inside thread	7/16-20 UNF (Schrader)
Pressure connection/ Outside thread	7/16-20 UNF 1/4-18 NPT G1/4 Copper soldered pipe Ø 6 mm
Signal/output	ration. 10 ... 90 % 4 ... 20 mA
Approvals	UL: ANSI/UL 61010-1 acc. E325110 ²⁾ EMC: CE conformity acc. EN 61326-2-3:2013



¹⁾ Available in 2024 ²⁾ Approval pending



Pressure transmitter & flow sensors



Sensor solutions for heat pumps

Relative- and absolute pressure transmitter, flow sensors, pressure switches

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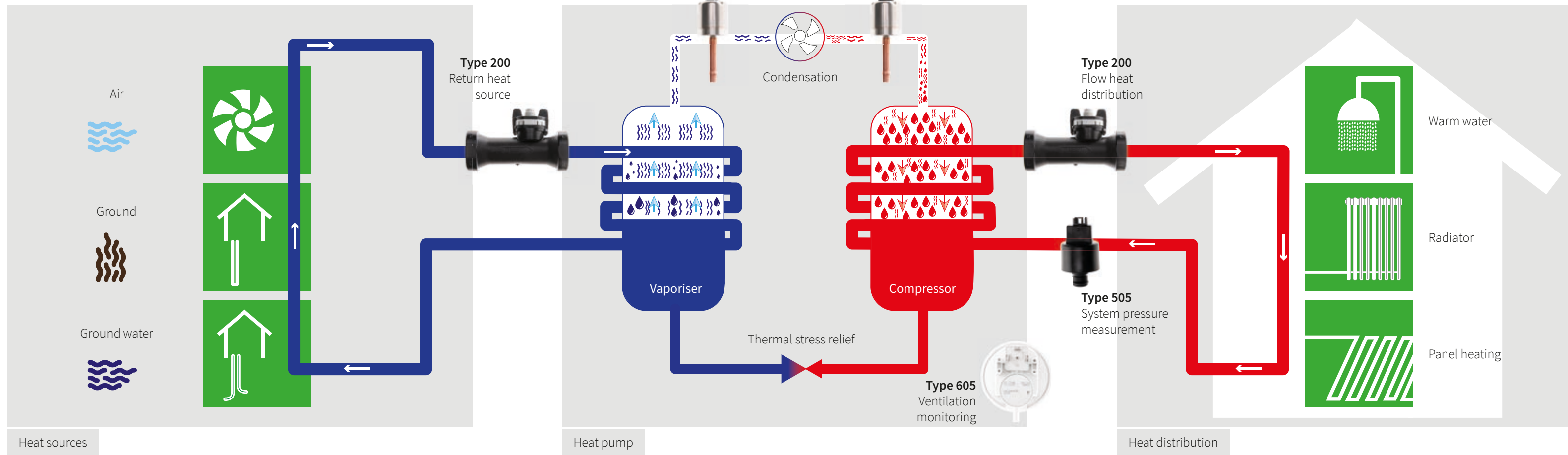


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Huba sensor solutions for heat pumps

Pressure transmitter type 560

With the type 560, the system pressures in the refrigerant circuit before and after the compressor is optimally monitored. Due to the high measuring accuracy of the pressure transmitter, the compressor is controlled in the best possible way - this provides the heat pump with exceptional efficiency.



Flow sensors type 200

With the support of the type 200, the heat flow volume in the hot water circuit can be measured and recorded. The vortex measuring principle of the flow sensor is extremely robust and highly accurate. This means that the measurements are reliable and maintenance-free.

Mechanical pressure switch type 605

To meet the safety requirements for heat pumps with flammable refrigerants, the type 605 can be used for the ventilation control. The negative pressure inside the housing is checked with a mechanical pressure switch and therefore the functioning of the fan is verified.

Pressure transmitter type 505

The type 505 was developed specifically for system pressure measurement in water circuits. Due to the millions of applications in the field, Huba Control is in a position to take a great deal of experience into account when improving the product.