



SAFE INDIVIDUAL HELUZ CHIMNEY SYSTEM

Safe HELUZ brickwork chimney systems offer a wide range of individual uses for houses, weekend homes, cabins, as well as residential projects. Unique chimneys allow the connection of any appliance and can be used for all types of fuel. HELUZ has long been developing its own range of chimneys in order to achieve high quality and a long-term service life in combination with an attractive price. We supply the range of HELUZ chimney systems as **advantageous complete units** and also as **individual sets**, which are prepared on the basis of the customer's specification after mutual consultation. We place particular emphasis on providing high-quality service and technical support.

HELUZ is the first manufacturer of chimney systems that passed the examination in accordance with the new EN 1443 standard. This means that the company is the first manufacturer in the Czech Republic that is able to offer its customers guaranteed safe incorporation of the chimney in the building. This applies above all to safe distances of flammable structures from the chimney shell when passing the chimney body through the roof (building envelope). The company primarily supplies its high-quality and system products on the Czech and Slovak markets.

ČSN EN 1443 (73 4200) is the Czech version of EN 1443:2019, the European standard which specifies the requirements and basic functional properties of chimneys, chimney linings, flue gas ducts, structural components, and accessories used to discharge combustion products from appliances into the open atmosphere. Among others, the standard specifies the requirements for the fire resistance of the chimney, the ability to prevent the ignition of flammable materials present in the vicinity of the chimney, and to avoid the spread of fire through the chimney in the building, e.g. from one fire section to another.

Safe complete units and individual HELUZ chimney sets



HELUZ also produces chimneys suitable for passive houses

Even for houses with the highest energy saving standard, **HELUZ** has an excellent solution in the **HELUZ IZOSTAT chimney**. This chimney can be supplied with an airtight design. It is able to supply air for appliance combustion and will become the right solution for your house thanks to its complex concept.



The modern HELUZ IZOSTAT chimney system is suitable for all types of fuels (solid, gaseous and liquid) and is designed for both vacuum and overpressure operation. It includes thin-walled ceramic isostatic lining, thermal insulation, and chimney brick ground blocks. **The HELUZ IZOSTAT** chimney system can be combined with any **HELUZ system** including full, half, or ventilation empty shaft. Thanks to its design, it allows not only safe discharge of combustion products into the atmosphere, but also auxiliary suction of air for an appliance through one chimney duct.

Other HELUZ chimney systems:



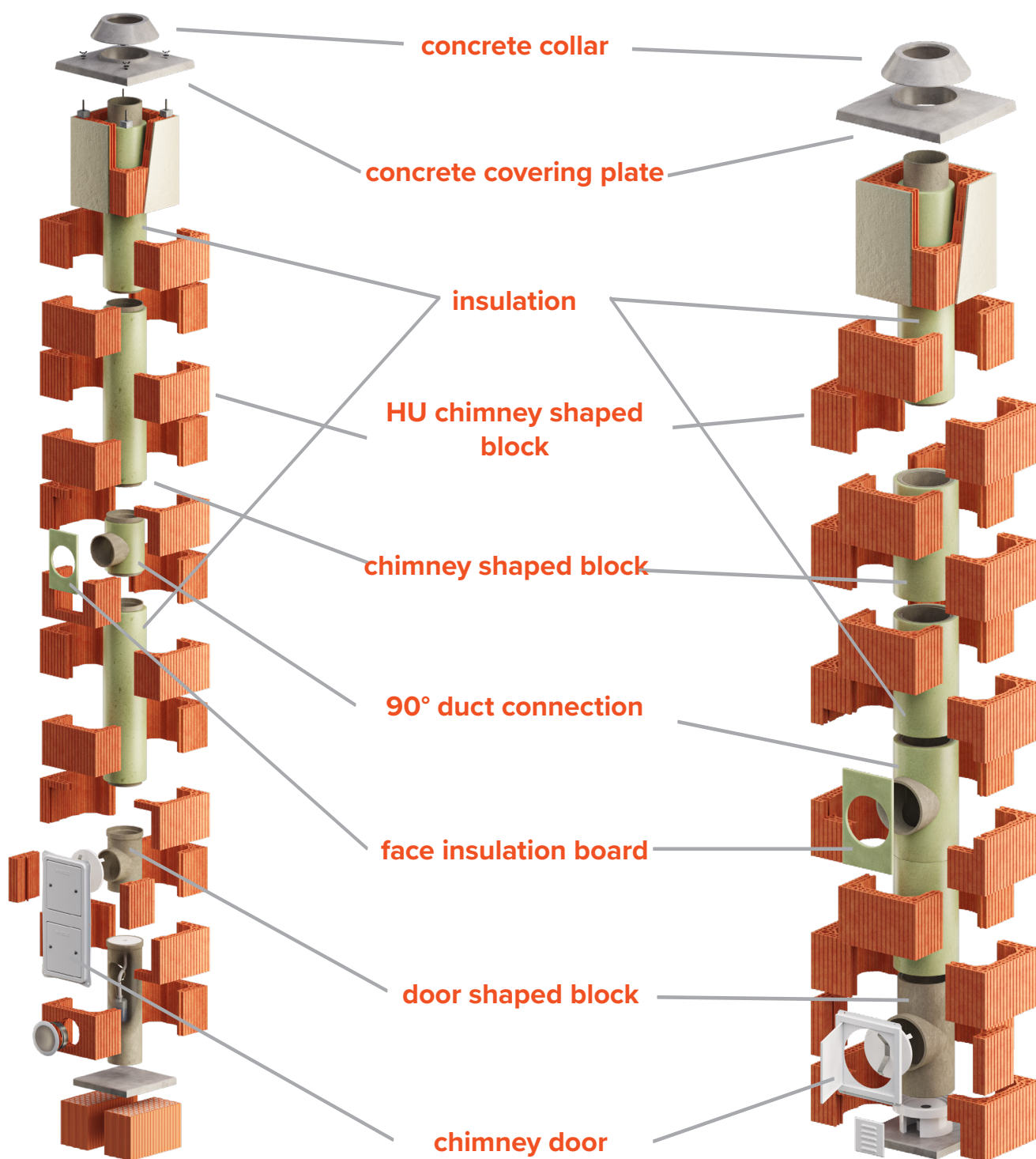
The HELUZ KLASIK chimney system is an advantageous economical variant and is designed especially for solid fuels (e.g. for fireplaces, stoves, and solid fuel boilers) and for vacuum (atmospheric) operation.

The HELUZ KLASIK system can also be used for renovations of chimneys with an option to combine it with any other **HELUZ chimney system** including full, half, or ventilation empty shaft. It allows the safe discharge of combustion products into the open atmosphere through its design.

ADVANTAGEOUS HELUZ COMPLETE UNITS

IZOSTAT

KLASIK



We can prepare individual sets based on the customer's specification or consultation free of charge. Please do not hesitate to contact our expert, Ing. Tomáš Petrů, on: +420 725 976 883

HELUZ KLASIK



for solid fuels



**temperature
class T600**



for gas



**air supply
through
chimney**



**P1 class
overpressure
operation**

HELUZ IZOSTAT