

Installation of the NIKO DUO-MIX system

GENERAL INFORMATION:

Before installing the chimney, a chimney sweep should be consulted on the possibility to connect the device, conducting air, and ventilation. Construction of the chimney should be carried out according to the instructions, applicable building codes and regulations, as well as, the principles of health and safety. The chimney should be seated on foundations which meet the assumptions of applicable national standards, building codes, and other rules of construction knowledge. The chimney should be built as a free-standing element of the building. Chimneys projecting more than 1 meter above the roof surface should be reinforced with steel rods placed longitudinally in the hollow bricks holes. These rods should reach minimum of 1 meter below the roof surface. After the construction of the chimney, a chimney sweep should carry out a reception, confirmed in an acceptance protocol. Connection of the heating device to the chimney can be made after the putty, which joins ceramic pipes, fully bonds – in summer at least 3 days, after the final ceramic pipe bonds, or 7 days – when the temperature range is 5 – 10 Centigrades. Ceramic putty should be completely dried up. During the installation, in case of contact with the putty, mineral wool, and plaster, special precautions should be kept regarding skin, respiratory tract, and eyes protection.

INSTALLATION INSTRUCTIONS:

One should follow all rules described in assembly instructions of the following systems: NIKO UNI, NIKO KONDI, NIKO LUFT, depending on which systems are used in the NIKO-DUO-MIX chimney system installation.

FINAL REMARKS:

1. The first start-up or a start-up after a long time of not using the chimney, should be carried out gradually not abruptly, so that the ceramics heats slowly.
2. Chimney diameter must be selected according to the power and other parameters of the system.
3. Connecting two devices to one channel is prohibited, with the exception of the NIKO LUFT system usage.
4. The chimney must be subject to periodic inspections and cleaning, with the frequency specified by applicable laws.
5. It is prohibited to connect devices without heating certificates, or simple heating stoves, in which the tongues of flames directly affect the chimney ceramics.
6. The part of the chimney, which extends over the roof surface, should be finished with plaster, clinker tiles or other non-combustible material, in order to reduce the impact of weather conditions on the leca chimney cover. The PKW concrete top plate support is needed if one wants to coat the chimney, above the roof, with bricks.