

## The installation of central air conditioning in a big hotel in Drama using the Lokring Technology

A building built in 1924 which used to be a tobacco factory was transformed into a big luxury 5-star hotel, 7500m<sup>2</sup>.

In co-operation with the Choursoulides company over 2500 Lokring tube connectors, 259 Joints, 116 curves & 6 collectors were installed in the pipelining of the central air-conditioning system of the hotel.

In the 5- star building of 7500m<sup>2</sup> 4000 meters of tube were used.



The installation of the air conditioning by LOKRING technology completed with 100% success becoming the most suitable solution because of special building construction



Drama is the capital city of the Eastern Macedonia Prefecture, 147 kilometers from Thessaloniki. It is a town with a long history as it was inhabited in prehistoric years. The etymology of the word comes from the "the Hydra - Drama", due to the abundance of water flowing in the region. The population is about 45.000 and the geographical area is about 3468 m<sup>2</sup>.



Vulkan Lokring supplied the constructing firm **Choursoulides Company** with connectors and joints for tube connecting of the air-conditioning system. The firm had contracted, with the help of the machinery VRV of L.G., the installation of the air-conditioning system in this big hotel in Drama.

There was a great competition of choosing who was to contract the work of the installation but eventually the **Choursoulides Company** was the winner with L.G. and technology of VULKAN LOKRING.

On the project over 2500 tube connectors VULKAN LOKRING were used as there was no welding at all in the installation which covered 125 rooms in this 5-storey hotel. Also 5000 meters of copper tubes were used and 63 internal machines and 19 external type VRV of the firm L.G. were installed power of 890 kW.

**→The result was a 100 % success, with no leakage at all, eventually surpassing all expectations**  
**→Made leakage test with nitrogen-hydrogen leak detector**