

The invention relates to refrigeration engineering. The unit includes connected in sequence to closed circuit of cold agent circulation evaporator, pump-out branch pipe, vacuum valve, vacuum pump, condenser and throttle body. Evaporator is arranged as vacuum chamber with developed surface of evaporation of cold agent, condenser through throttle body is connected to evaporator, throttle body is placed in pumped-out branch pipe, and as cold agent high-boiling substances are used, in particular ethanol or its water solutions.