Scienctiest in Cooler System recognize the Water Chiller have been long enough, even have the separate role in big industrys in this time. For more simple, in domestic, is hence required a new appliance device which can be weared easily.

To realize that, we conduct the planning of Water Chiller exploiting refrigeren to come into the evaporator AC to make cool the water, of vital importance to can to plan the dimension of pipe and principle work the hot transfer that happened in Water Chiller. So that require to be conducted research and calculation of which deal with the Water Chiler.

Calculation conducted yield, to get the temperature go out 12 °C from temperature early 24 °C needed pipe with the diameter ¾" longly 2,018 m, the Water Chiller own the volume irrigate equal to 37,68 litre.