

MARCHIROLO (VA)

Biomass Installation

Biomass installation with water-tube boiler with horizontal tubes and teleheating net for public buildings and some private buildings.

Descriptions of the two installations

Biomass installation with water-tube boiler with horizontal tubes



Thermal carrier fluid	hot water
Rated power	800 kW
Delivery side temperature	95° C
Recovery temperature	80° C
Maximum delivery side temperature	98° C with closed tank
Flue gases outlets	140° – 160 ° C
Efficiency	> 85% rated input

Teleheating net:

Length	520 m
Served Public Use	Town hall building, Elementary School (20 rooms for 120 children), 1 sports hall, 4 apartments.
Private buldings	35 living units
Typology of private use	Detached house

Economic data:

Private Investment	Public Investment
Total starting investment	Total starting investment
€. 1.000.000	€. 0
Financing terms: €. 300.000 Regional Call €. 700.000 self-funding	

