

## Small district heating system in Sätilla, Sweden.



|                            |   |
|----------------------------|---|
| Location:                  | School in Sätilla 30 km south east of Gothenburg, Sweden. |
| Output:                    | 180 kW (615.000 BTU)                                      |
| Delivery:                  | 600 MWH (2.000 MMBTU) / year                              |
| Fuel:                      | Wood pellet   |
| CO <sub>2</sub> reduction: | 165 Mton  |
| Storage:                   | 30 m <sup>3</sup> (1.060 kbf)                             |
| Boiler:                    | Warm water max 110°C (230°F)<br>Fixed grate               |
| Efficiency:                | >90%  |
| Control system:            | ABioNova, NovaReg III                                     |
| Flue:                      | Flue gas fan with single cyclone                          |
| Cleaning:                  | Automatic soot blowing<br>Automatic ash extractor         |
| Hydraulic:                 | Closed pressure system                                    |