Information for boiler space heaters, boiler combination heaters and cogeneration space Enertech AB 341 26 Ljungby heaters CTC EcoZenith i350 3x400V Model(s): Condensing boiler: No Built in DHW: NA Eff class: Low-temperature (**) boiler: VII No Built in DHW: NA Controller 3,5 % B1 boiler: No Built in DHW: NA Contribution: Cogeneration space heater: If yes, equipped with a supplementary heater: NA Package Ns 40% No Package class: Electrical boiler Built in DHW: Yes D Yes Value Item Symbol Value Unit Item Symbol Unit Seasonal space heating Rated heat output Prated **12** kW **37** % η_s energy efficiency Annual energy consumption Q_{HE} 22655 kWh For boiler space heaters and boiler combination heaters: Useful For boiler space heaters and boiler combination heaters: Useful heat output efficiency At rated heat output and At rated heat output and highkW 39,9 12 high-temperature regime η_4 % temperature regime (*) At 30 % of rated heat output At 30 % of rated heat and low-temperature regime NA kW output and low-NA % η_1 temperature regime (**) (**) For cogeneration space heaters: Useful heat output For cogeneration space heaters: Useful efficiency At rated heat output of At rated heat output of cogeneration space heater P CHP100 cogeneration space heater η _{CHP100} NA kW NA % with supplementary heater with supplementary heater + Sup0 + S up 0 enabled disabled At rated heat output of At rated heat output of cogeneration space heater cogeneration space heater Р _{СНР100} η _{CHP100} NA kW NA % with supplementary heater with supplementary heater + Sup100 + S up 100 enabled enabled For cogeneration space heaters: Electrical efficiency Supplementary heater At rated heat output of cogeneration space heater η el,CHP100 NA Rated heat output kW % Psup NA with supplementary heater + S up 0 disabled At rated heat output of cogeneration space heater η el,CHP100 NA % Type of energy input NA with supplementary heater + S up 100 enabled Auxiliary electricity consumption Other items At full load elmax NA kW Standby heat loss 0,014 kW P stby Ignition burner power At part load elmin NA kW NA kW P ign consumption Emissions of nitrogen NO_X In standby mode P_{SB} 0,011 kW NA mg/kWh oxides For combination heaters: Water heating energy **Declared load profile** XL 36/D %/- $\eta_{wh/Class}$ efficiency/Class 1,0 1,0 21,248 Daily electricity consumption Qelec Daily fuel consumption **Q**fuel NA kWh kWh Contact details Enertech AB, Box 309, SE-341 26 Ljungby Tel +46 372 88000 www.ctc.se

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet. (**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).