

Applicant: SIT LA PRECISA S.P.A

FCC ID: T99058402300

Working principle

The GT-Fire family of remote control systems shall utilize a digital transmitter that can be supplied in various configurations to control the operation of the heating appliance. In its basic form, it is configured to control the ON/OFF operation of the main burner and provide thermostatic control of the appliance. Additionally, it may be configured to control a Split-Flow® burner controller, the fan speed, a 120V/60Hz power outlet, as well as the outlet pressure to the burner(s). The system may be configured to operate with either ON/OFF thermostatic control, or modulating temperature control using "Fuzzy Logic".

The three-piece plastic transmitter body is contoured with smooth curves and no right angles. The transmitter body will be overmolded utilizing thermoplastic Elastomers (TPE) to improve the feel and look of the components. These soft touch plastics will provide a high sensory impact in terms of feel and color. The TPE overmold will be no less than .003mm thick and will cover the outside surfaces of the front and back plates of the transmitter body, as well as the outside surface of the battery compartment cover.