



October 4, 2010

XXL Comfort Controller Description of Operation:

The XXL is a high-end Comfort Control with a 7 inch diagonal, color graphic, liquid crystal display with a touch screen. It has a user interface such that it can display and update information (temperature, set points, mode, etc.) of multiple zones. It contains a temperature and humidity sensor for a single zone and also has capability for up to two remote temperature sensors. It communicates over a wireless network utilizing the ZigBee Pro Stack. It also has internet connectivity via a WiFi module for home automation and remote monitoring and control. It is intended to be used in conjunction with a high end HVAC (Heating Ventilation and Air Conditioning) system with damper zoning. Damper Zoning is a collection of zones associated with a single HVAC System using dampers to modulate airflow to the individual zones. A *Zone* is a HVAC application defined area where comfort can be controlled independently of other defined areas.

