



## L430 Programmable Communicating Thermostat



*A Flexible Load Management Option for Utilities and Consumers*

### Overview

The Landis+Gyr L430 Programmable Communicating Thermostat (PCT) is a load management option for utilities that provides flexibility for consumers as well. The L430 uses a built-in Gridstream® RF communication module to communicate through the advanced metering network.

Operating on an existing Gridstream network, the thermostat deploys quickly and efficiently. Utilizing this network helps extend the communication range of the thermostat and provides secure access to thermostat information and control during a demand response event. The utility also receives additional return on investment from existing advanced metering network infrastructure.

The thermostat provides individual profiles for each day of the week. It also allows scheduled and dynamic input by both the utility and consumer. This makes it useful for reducing peak demand and promoting energy efficiency. The L430 offers consumers a secure portal and smart phone application to configure HVAC settings for remote monitoring and control.

The Landis+Gyr L430 PCT is an ideal and cost-effective partner for demand response programs, while offering consumers additional choices for saving energy.

### FEATURES & BENEFITS:

*Why Landis+Gyr makes a difference.*

- Wide range of programming options
  - 7-day programmable with 4 independent periods per day
  - Configurable temperature swing
  - Controls up to 2 stages of cool and two stages of heat
- Easy to install
  - Operating from HVAC power
- Future proof
  - Gridstream radio
  - Over-the-air firmware upgrading
- Demand response ready
  - Remote temperature offset
  - Duty cycling
  - Fan control
- Informative user interfaces
  - Large touch screen display with white backlight
  - LED status indicators
- Engage energy efficiency
  - Secure consumer portal

## Product Specifications: L430 Programmable Communicating Thermostat

### Specifications

Part Number	26-1913
Size	7.5" x 5.6" x 1.9"
Operating Voltage	Powered from HVAC 24 VAC line, supports 16-60 VAC
Power Consumption	Max. 4W averaged over 5 minutes
Programs	7-days, each day having up to 4 periods
Cold Load Pickup	Configurable randomized delay for staggering residential loads back on
Human Interface	Touch screen display with white backlight, LED status indicators
Operating Temperature	0C to +50C (internal ambient of enclosure)
Remote Control Options	Selectable duty cycle over 30 minute cycle length, selectable temperature offset.
Fan Control	Fan control On/Auto
Wiring Terminals	C, B, O, W, W2, AUX, Aux2, Y, Y2, RH, RC, G, A
Misc	EMER Select, Filter replacement indicator
Communications	Landis+Gyr Gridstream Single Board Radio
General Radio Items	Frequency range 902-925 MHz
	RF Baud Rate 9.6-115.2 kbps
	RF Output Power – selectable max. 27.8 dBm/600 mW

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