GTPro™
SPECIFICATION SHEET

GTPro

LIMITED LIFE TIME WARRANTY

arzelzoning.com/warranty

The GTPro™ is a non-proprietary zoning system designed for geothermal units. Its customized control can meet the needs of any geothermal system, ensuring maximum efficiency and effectiveness. Appropriate for residential and light commercial uses.

PARTS

GTPro Panel
2 zones: PAN-GTP02
3 zones: PAN-GTP03
4 zones: PAN-GTP04

Dampers
Made for any application, including existing ductwork, finished basements, and/or new construction.

Thermostat Capability

Compatible with any conventional 24VAC thermostat including wireless, auto/manual changeover, programmable and non-programmable. Zone 1 will accept any heat/cool or heat pump thermostat. A heat pump thermostat can be used on Zone 1 to provide control of emergency heat. Zones 2–4 must use standard four- or five-wire single-stage heat/cool thermostats only.

Humidification

With the addition of a humidistat the GTPro can control a 24VAC humidifier. Humidifiers can be set to operate independently or with a heating call. Without a call for heat, the GTPro will engage the humidifier, start the indoor blower, and open all dampers. When operated with a heating call, the panel will start the humidifier but only open the dampers in the zone that is calling. The GTPro can operate a humidifier bypass damper if an additional solenoid is added to the panel.

Dehumidification

Can operate with a separate dehumidistat, engaging dehumidification in all zones. When used with equipment that has a dehumidification function, GTPro passes the dehumidify signal to the OEM circuit board to control the dehumidification.

LAT Sensor

Comes with a Leaving Air Temperature (LAT) sensor that enables equipment temperature protection with stage down control.

OAT Sensor

Comes with an Outdoor Air Temperature (OAT) sensor that can provide an outdoor reset function, balance point control, auxiliary resistant heat lock out, and low ambient cooling lock out.

Loop Temperature Sensor

Comes with a Loop Temperature Sensor (LTS) that optimizes time-based staging and provides freeze protection.

Full-Function Dual Fuel Control

Capable of handling multiple stages of heating and cooling including dual fuel control. No additional sensors or controls are required. Set-up is handled through the Set-Up Wizard.

Auxiliary Relay

Provides a low-voltage auxiliary relay programmable for humidification or dehumidification.

Test Mode

Bypasses settings and stages the equipment every two minutes to check HVAC equipment operation.

Custom Dampers

Many types of dampers are available to ship same-day, and custom dampers are available, usually within 24 hours.

CUSTOMIZABLE STAGING

The GTPro can stage equipment based on one or more of these parameters:

LAT & Heat Staging Threshold
A Leaving Air Temperature (LAT) sensor allows GTPro to stage the equipment based on the air temperature in the supply plenum. It will automatically adjust the supply air temperature based on outside air temperature. The heat stage threshold can be turned on and adjusted, or turned off.

Zone Weight
When this staging feature is turned on the unit will stage up to second stage compressor any time the zone weight exceeds the air handler stage threshold.

Timer
The GTPro has built in staging timers. They allow the unit to stage based on elapsed time. There are separate settings for each stage. The first-to-second stage time delay can be used with the loop temperature sensor to decrease the delay timing as the loop temperature drops.