PNG 020

PRECISION THERMOSTAT

120 V | 15A | 1HP

Displays ambient temperature

26.3

Set operating mode for heating or cooling

Use preset differentials or automatic differential

MODE

DIFF

TEMPERATURE

HOLD 6 SECS

HOLD 3 SECS

Set day setpoint from 50°F to 100°F

Set night setpoint from 50°F to 100°F

PLUG'N' GROW
CONTROLLERS
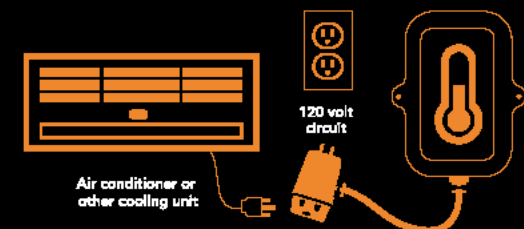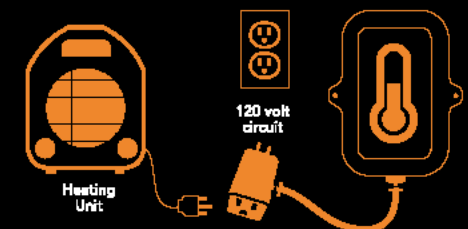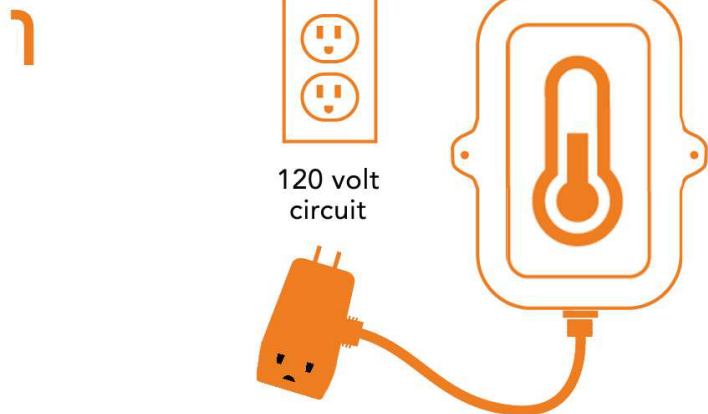
Precision Thermostat
PNG-020

Heating Unit

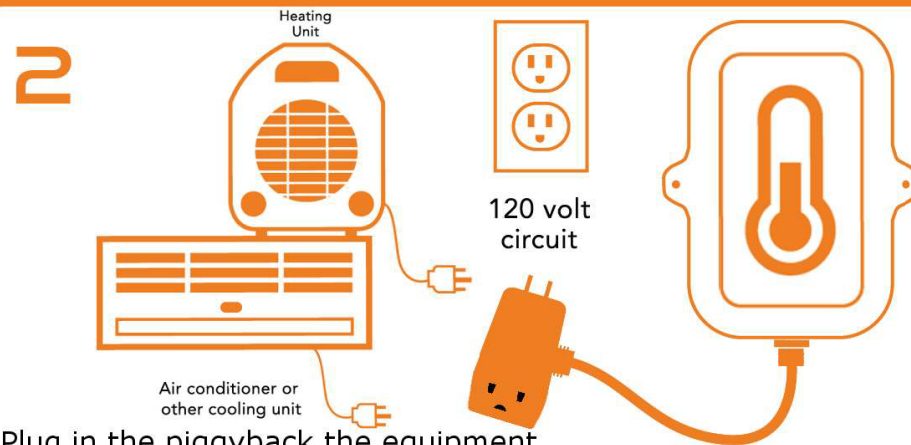**Air conditioner or other cooling unit**

Intake / Exhaust fans

Displays ambient temperature. Controls cooling or heating equipment. Day and night settings keep temperature within your set point. 25 ft temperature probe is accurate to within 2°F.

120 volt circuit

Heating Unit

120 volt circuit

Air conditioner or other cooling unit

3 YEAR WARRANTY

1

120 volt circuit

Plug the PNG-020 piggyback in the AC 120V outlet you want to use to supply your equipment with power.

2

Heating Unit

120 volt circuit

Air conditioner or other cooling unit

Plug in the piggyback the equipment you wish to control the temperature with. Heating or Cooling unit.
(Max load at 120V is 15 Amps)

Controller specifications

Controller specs
-Size : 5$^{3/4}$''x5$^{1/2}$''x1$^{1/2}$''
-Weight : 1,5 lbs
-Digital display : Yes
-Day/night detection : Photocell
-Day/night setpoints : Yes
-External probe : 20''(50 cm) cable

Electrical specification
-Power supply : 120V - 15A - 60Hz
-Output maximum current: 120V-15A - 1HP
-Operating conditions : 0 to 60 °C, 0 to 95 % non-condensing RH

Auxiliary device control
-Controlled actions : heating or cooling
-Controlled auxiliary outputs: 1
-Simultaneously controlled equipment :1

Manufacturer
-Warranty : 3 years
-Technical support : Free support, 5AM to 19PM, Monday-Friday, Eastern time
-Country of origin : Canada

Temperature control
-Sensor accuracy : ±2°F (±1,1°C)
-Adjustable temperature setpoint : 50 to 100°F (10 to 38°C)
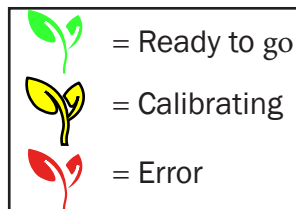- Controlled equipment : heater, ir conditionner or fans

How to get started

1- Plug the PNG-020 piggyback in the AC 120 outlet you want to use to supply your equipment.
2- Plug in the piggyback the equipement (max load 15 amps) you wish to control the temperature with.
3- Set day setpoint (upper knob) and night setpoint (lower knob).
4 - Set the operating mode to heating or cooling (with the mode button).
5- Use preset or automatic differentials with the lower button.

Quick features:
 - Press and hold the mode button 3 secondes to switch °F to °C.
 - Press and hold the mode button 6 secondes to activate or deactivate lock mode (lock mode = setpoints locked)

Error code

= Ready to go

= Calibrating

= Error

Error 5: bad readings from the temperature sensor.
Consequence : the controlled output is off as long as the error persist.
Action : Remove the power for 5 secondes and put back on.