



Platypus USA distributor of the

PLATYPUS® CONTROLLER

The Sensible Ember Protection System

About the Platypus Controller

The Platypus Controller measures ambient air temperature to automatically activate compatible equipment that supplies water to the sprinkler system. The temperature that activates the system is set by the user up to a maximum of 140°F.

When the ambient air temperature rises above the set point, the system becomes active. The system will run for an amount of time which is set by the user up to a maximum of 60 minutes.

After the run time has expired, the system pauses for an amount of time, also set by the user, up to a maximum of 60 minutes. The ambient air temperature is measured again, if it is still above the set point the controller will run the system again.

The cycle is repeated until the ambient air temperature falls 4°F to 10°F below the trigger set point. During these cycles the controller will send SMS information* to the stored numbers advising the status of the system.

The EVAC Button feature allows the user to activate the system when leaving the property, it will run for a period of time after then return to standby mode.

Installing the Platypus Controller

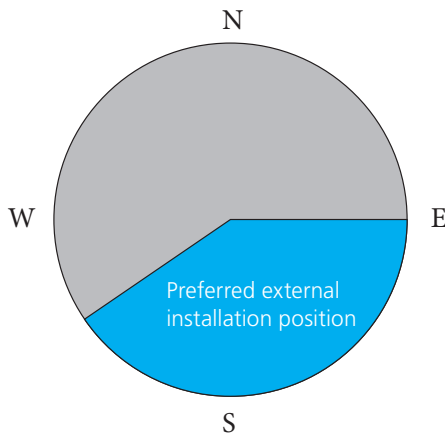


Figure 1.

- When installing the Platypus Sprinkler Controller to the exterior of a building, the Platypus Sprinkler Controller should be installed on a surface that is not exposed to the sun in the later part of the day.
- The area marked in blue on the compass in Figure 1 shows the preferred location of the Platypus Sprinkler Controller.
- This is to ensure the reading from the temperature sensor mounted at the top of the Platypus Controller enclosure will not give a false indication due to radiant heat.

Remote Temperature Sensor location:

The Remote Temperature Sensor should ideally be positioned in the path that fire is most likely to approach from.

Maximum CAT5 cable length 300 feet.

Automate your wildfire protection system

Key Features:

- LCD touch screen display
- Back up power from engine battery
- Run and pause cycles extend available water & fuel
- Mobile phone connectivity*
- Automatic control of diesel** and or electric pump
- Step up of speed in compatible VFD controllers
- User adjustable trigger temp & run times
- Automatic or manual operation
- EVAC button
- Maintains float charge in engine battery
- Multi user
- PIN protected access
- Low fuel sensing (on compatible fuel tanks)
- IP66 wall mount enclosure
- Emergency run option
- Control of 12vdc solenoids with pulsed coil
- No annual fees, choose your own network provider
- 12 month limited warranty

Latest features included in new Gen7A controller:

- New intuitive user firmware
- Ruggedized electronics
- Improved battery charging
- LED's on PCB outputs
- Easy access phoenix connectors
- System diagnostics
- Speed control of compatible diesel engines

Options

- High gain pole mount antenna
- Additional external temp sensor
- Flow switch
- Control of two diesel engines
- Solar charge kit
- AC power adapter
- Tank float switch
- GPS antenna

* If SIM card has been installed by end user.

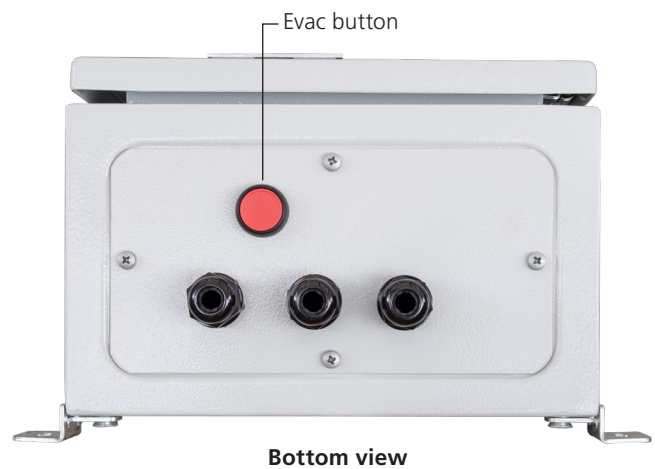
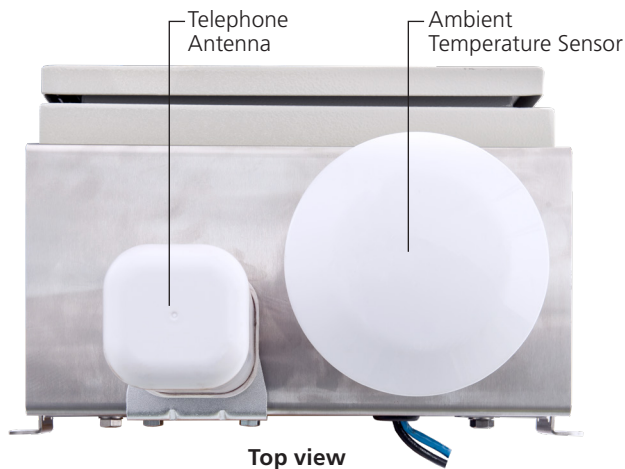
** Engine must have a compatible fuel stop solenoid and electrical system.

New release Gen7A Controller 2024



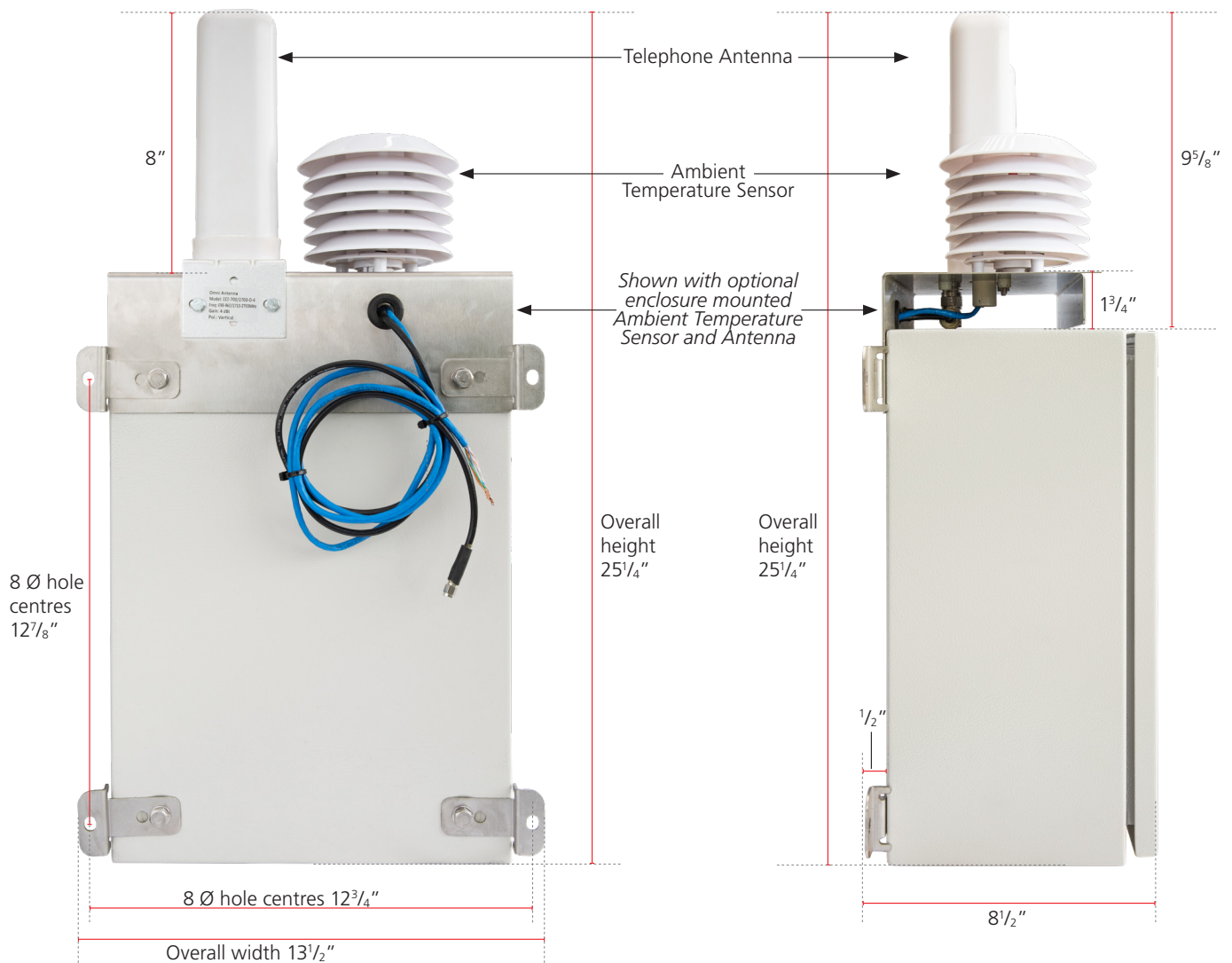
Platypus Controller dimensions

- Total weight 29lbs (pounds)
- The IP rating of the enclosure is IP66
- The Platypus Controller has been tested and complies with AS/NZS 60950.1:2015, AS/CA S042.1:2015 and AS/CA S042.4:2015. Test date, 28 September, 2016



Back view

Side view



NOTE:
 Dimensions shown are to be used as a guide only.
 Shown with optional enclosure mounted temperature sensor and antenna.