

Sensors measure. Control Freak *decides*. Your equipment *acts*.

The decisions happen on the controller itself, so schedules, safety rules and freeze protection keep running even when your internet is down.

01 YOUR BACKYARD



- Filter pump**
Variable speed, set by percent
- Heater or heat pump**
Pool and spa, each to its own setpoint
- Pool, spa and landscape lights**
Each on its own relay and color
- Deck jets**
Their own pump and light color
- Salt system**
Runs only while water is moving
- Valves**
Pool to spa, waterfall and more

02 SENSORS

- Air temperature**
For freeze protection
- Pool temperature**
Live in the app
- Spa temperature**
Heats to your setpoint
- One more, your choice**
Any thermometer you fit
- Flow switch**
Is water moving?
- Pressure sensor**
Reads system pressure

Four temperature ports read any thermometer your installer fits. Two flow switch ports, one pressure port.

03 THE CONTROLLER



Mounts beside your pool equipment. It runs its own Wi-Fi, and joins your home Wi-Fi or Ethernet when you want it to.

you The app

At home it talks straight to the controller. Away, through our cloud service. No monthly fees.

Alexa

Google Home

Siri

Apple Watch

CarPlay

OPTIONAL
Home Assistant

Bring your own, and your pool works through Home Assistant with:

04 DECIDES AND ACTS

The rules live on the *controller*.

It weighs every reading against the rules you set, then runs your equipment. No phone, cloud or internet required.

THE RULES IT FOLLOWS

- Tethers**
If this, then that. No flow? The salt system switches off, however it was turned on.
- Freeze protection***
Runs the equipment you choose when the air turns cold.
- Themes**
Spa night in one tap: overrides schedules for as long as you set.
- Schedules**
Every device and every timer, in one view.

WHAT IT RUNS

- Pump speed**
Variable-speed pumps, set by percent.
5 RS-485 PORTS
- Heat on demand**
Calls a heater or chiller to your setpoint.
4 LOW-VOLTAGE RELAYS
- Lights and more**
On, off and color. Fountains, landscape too.
8 RELAY PORTS
- Valves**
Pool to spa, waterfall, cleaner lines.
8 ACTUATOR PORTS

WIRED BACK TO YOUR EQUIPMENT



Sensors *measure* → Control Freak *decides* → Your equipment *acts*

— Wired
- - - Wireless

* Freeze protection is an aid, not a guarantee, and carries no warranty. In freezing weather, check that your equipment is running. © 2026 Control Freak LLC. controlfreakpool.com

Inputs in. Outputs out. *The rest is up to you.*

Every port is general purpose. Your pool professional wires in what your backyard needs, then you run it from the app, a schedule or the controller itself.

WHAT IT SENSES

4

Temperature ports
Any thermometer your installer fits: air, pool, spa and more

2

Flow switch ports
Knows when water is moving

1

Pressure sensor port
Reads system pressure



Wi-Fi, Ethernet and USB-C
Its own Wi-Fi network, or join yours



WHAT IT RUNS

RS-485 ports
Variable-speed pumps, heat pumps, other serial equipment

5

High-voltage relay ports
Lights, salt system, fountains, anything on or off

8

Low-voltage relays
General purpose, or a heater or chiller

4

Valve actuator ports
Pool to spa, spillover, waterfall, cleaner lines

8

A few *ideas.* Mix them however your backyard needs.



BEYOND THE WATER

Landscape lighting

Uplight the palms, the paths and the deck. Each set on its own relay, on a schedule or in a theme with the pool lights.

RELAY PORT

**Variable-speed pumps**

Set the speed by percent: quiet and slow overnight, higher when the spa or cleaner needs it.

RS-485

**Stepper-motor valves**

Automate your pool valves with stepper motors driven over RS-485.

RS-485

**Pool to spa**

One tap swings the valves, starts the heat and turns on the spa light.

VALVE PORTSLOW-VOLTAGE RELAY

**Heating or cooling**

Heat the spa for the evening, or run a chiller to cool the pool in summer.

LOW-VOLTAGE RELAYTEMPERATURE

**Fountains and waterfalls**

Sheer descents, bubblers and deck jets, on when you want them.

RELAY PORTVALVE PORTS

**Salt system, with a safety**

A tether switches the salt system off whenever the flow switch sees no water moving.

RELAY PORTFLOW SWITCH

**Freeze protection***

When the air turns cold, it runs the equipment you choose to keep water moving.

TEMPERATURERELAYS

Your idea *here.*

Bistro lights over the patio, a spa blower, a deck fountain. If it switches on and off within a relay's rating, it can run on a schedule, a theme or a button.

ANY RELAY



If it switches on and off, reads a temperature or speaks RS-485, *it can join your pool.*

Installed by your pool professional, within each port's rating. Complete controllers ship with 2 or 4 relays installed; add more as you grow. * Freeze protection is an aid, not a guarantee, and carries no warranty. © 2026 Control Freak LLC. controlfreakpool.com