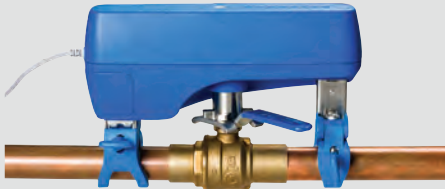


Valve Controller

GVC1



The Guardian Valve Controller installs over existing 1/2 to 1 quarter turn ball valves without a need for tools or pipe cutting. The Valve Controller communicates directly with the Guardian Leak Detectors and can close the water main automatically in an event of a leak. The free iOS and Android App provide leak notification, systems status and remote control of the valve to give you peace of mind even when you are away from the house.

KEY FEATURES



FULL INSTALLATION IN
LESS THAN 10 MINUTES



ONLY REQUIRES
SMARTPHONE FOR SETUP



EXPANDABLE - ADD 100+
LEAK DETECTORS



WI-FI CONNECTED



DIY - NO TOOLS REQUIRED



OPTIONAL BATTERY BACKUP



FREE APP FOR REMOTE
NOTIFICATIONS AND CONTROL

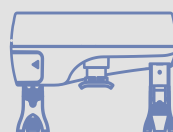
NETWORK TOPOLOGY



SMARTPHONE



WI-FI



VALVE CONTROLLER



LEAK DETECTORS

TECHNICAL SPECIFICATIONS

Physical Attributes	Dimensions	8.34" x 6" x 3.5" (W x H x D)
	Ingress Protection	Splashproof. For indoor use only!
	Required Tools	None
Supported Valves	Supported Valve Types	Most 1/4 - Turn metal Ball Valves (except T-Handle)
	Supported Sizes	1/2" - 1 1/4"
	Torque	14 - 18 Nm
Power Specs	Power Supply	12V DC 2A Power Supply (Included, 10ft length)
	Optional Backup Battery	12 hrs + 1 valve close motion
Connectivity	Inputs	Power, Minijack (Remote Sensor Probe + RS-485c)
	Wireless Connectivity	Bluetooth LE, Wi-Fi, Guardian RF (1000ft Range)
	Wi-Fi Required	Yes, only for setup, remote control and notifications
	Apps	iOS, Android
	Subscription Fees	None
	Available Data	Valve Status, Temperature, leak detection around valve (with optional probe)
Physical Interfacing Options	Audible Alerts	Yes, via Buzzer
	Visual Alerts	Yes, via LED
	Button Functionality	Open, Close, Stop and factory reset
	LED Status Indicator	Power, Wi-Fi, Guardian RF, and Valve Status
Additional Features		
		Automatic water shut-off during leaks
		Motor stall detection & notification
3rd Party Integration	Serial	RS-485c
	UD/IP, TCP/IP	Sends commands / receive notifications
Requirements		Compatible valve (see above) that is operable by hand
		Appropriate clearance around the valve for Valve Controller (see below)
		Power outlet within 10' of valve or extension cord
		iOS or Android Smartphone with internet access
		Wi-Fi with internet access (for setup remote notifications and control only)

