



AquaCase

Frequently asked questions

Can AquaCase be installed outdoors?

Yes, the AquaCase is rated for outdoor installation (UL Type 3R). However, it should be installed in a location that is shielded from direct sunlight and heavy rainfall to ensure long-term performance and protection.

What size fittings are required?

The AquaCase comes equipped with 1" male NPT connections, making it easy to integrate with standard residential plumbing systems.

What is recommended to seal the threads?

For best results, it is recommended to use drinking water safe thread tape or a pipe thread sealant when sealing threaded connections. This ensures a secure, leak-free seal and helps protect the threads from damage during installation.

What is the default operating mode: priming or boosting?

The AquaCase is configured by default for boosting applications which involves a flooded suction. If a priming setup is required, follow the instruction in the installation manual to convert the unit into priming mode which involves a lift condition.

For an application involving a lift condition, does the installer need to add a check valve or foot valve?

The AquaCase has a built-in check valve on the discharge side, so a foot valve is still required in a lift condition.



Is the AquaCase compatible with 115V and 230V power?

The AquaCase comes standard with a 115V plug for typical residential applications. However, the internal controller is dual voltage (115V/230V), and will automatically accept either 115V or 230V input when properly wired.

What breaker size is required?

15-amp breaker.

Does AquaCase have a wall mount?

Yes, it is available for purchase as an add-on. Part Number: ACWM

What is the maximum set pressure of the AC10?

The AquaCase AC10 has a setpoint pressure range of 30 to 80 PSI. This means you can program the unit to maintain pressures up to 80 PSI during operation.

What is the flow range of the AC10?

The AquaCase AC10 can deliver a flow up to 30 gallons per minute (GPM) at 115V or up to 38 GPM at 230v, allowing it to adapt seamlessly to varying demand levels in residential and light commercial applications.

Is an expansion tank needed?

In most applications, an additional expansion tank is not required. The AquaCase includes a built-in pressure tank that provides sufficient capacity for typical residential pressure boosting systems.

Can you replace the internal tank?

The AquaCase features an integrated tank that is not designed to be removed or replaced. However, the pressure in the tank can be adjusted to meet specific system requirements.

Can you replace any internal parts?

AquaCase is designed as a fully integrated, pre-assembled system to ensure optimal performance, reliability, and ease of installation. To maintain system integrity and warranty coverage, internal components are not intended to be modified or replaced individually.

Is there a flow meter built into the unit?

While the AquaCase does not include a dedicated flow meter, the system is engineered to operate automatically based on demand and pressure. Flow is calculated based on pressure and other internal system parameters to provide usage information and statistics. For applications requiring precise flow measurement, an external flow meter can be installed in the system plumbing.

What types of pump and motor protection are included with the AquaCase?

AquaCase is equipped with comprehensive protection features, including dry-run (no water or loss of prime) protection, pressure sensor error detection, overcurrent protection, short circuit and ground fault protection, over-temperature or under-temperature shutdown, motor open lead detection, low pressure cutoff, and undervoltage protection.

AquaCase is backed by a standard warranty of 24 months from the date of installation and 30 months from date of manufacture. Members of Goulds Professional Dealer Association (GPDA) enjoy an extended warranty of 36 months from the date of installation and 42 months from the date of manufacture.

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AquaCase



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