



AquaCase

Complete packaged residential
pressure boosting system

Take water pressure to the next level

Xylem introduces the AquaCase by Goulds Water Technology, an advanced all-in-one pressure boosting system designed to ensure constant water pressure for residential and light commercial applications. AquaCase has built-in Bluetooth® and Wi-Fi connectivity, enabling remote monitoring and control through a dedicated smartphone app for seamless, convenient operation. Its compact, efficient design includes a variable speed pump, motor, pressure sensor, tank, and smart controller, all housed in a sleek case. This makes it an easy-to-install and energy-efficient solution for maintaining reliable water pressure.

Powerful. Compact. Reliable. Just open the box and boost with confidence!

Features

Reliable continuous operation: engineered for nonstop performance within the motor's recommended limits, ensuring long-lasting durability without risk of damage

Outdoor use: enclosure is designed for outdoor use, UL Type 3R (NEMA 3R)

Wireless connectivity: easily monitor and control your pump via Bluetooth and Wi-Fi using a free smartphone app, or take control directly with the built-in HMI interface

Quiet operation: Engineered for low-noise output to minimize disruption

Dual seal design: integrated primary and secondary mechanical seals for long-life and leak free operation

Field upgradable software: unlock new features and performance improvements without ever removing the unit from service

Energy-efficient by design: advanced speed control technology maximizes energy savings without compromising performance

All-in-one, plug-and-play installation: includes pump, motor, controller, and tank in one compact unit, ready to install with minimal setup

Integrated data memory: automatically logs key operational data, including run time, start count, and fault history

Durable molded pipe threads: engineered for a tight, secure fit to simplify installation and minimizes the risk of leaks for long-term reliability

Comprehensive electrical protection: built-in safeguards defend against over-current, incorrect voltage, short circuits, and more

Intuitive user interface: simple push-button HMI display with real-time system feedback and protection alerts

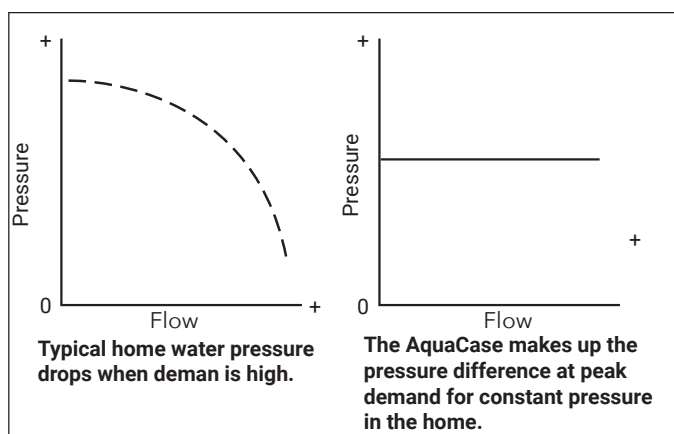
- dry run (no water)
- motor overcurrent
- open lead
- low system pressure
- overheating
- short circuit
- over/under voltage

Model	Input voltage	Pump designation	Max GPM (LPM)	Max setpoint	Breaker size ¹
AC10	115V	10 GPM AT 56 PSI (37.8 LPM AT 3.86 Bar)	30 GPM (113.5 LPM)	80 PSI (5.52 Bar)	15A
	230V	20 GPM AT 50 PSI (75.7 LPM AT 3.45 Bar)	38 GPM (143.8 LPM)		

¹ Always follow national and local wiring codes.

The AquaCase advantage

The AquaCase pressure boosting system offers an economical solution for municipal water users experiencing low pressure. It can also be used to repressurize water from a storage tank. As your household water needs change, AquaCase adjusts the motor speed to meet the demand.



Applications

- Residential water pressure boosting
- Basement or utility room installs
- Irrigation and sprinkler systems
- Cistern or holding tank systems
- Multi-unit dwellings
- Light commercial buildings

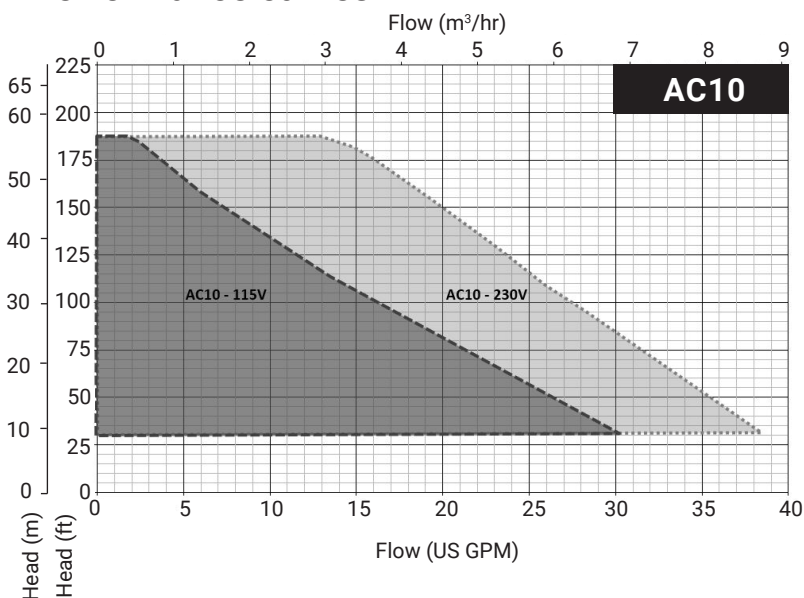
Certifications

- NSF 61 and 372
- FCC Class B
- Bluetooth
- CSA
- UL
- Proposition 65
- Toxic Substances Control Act (TSCA) 40 CFR 751
- Canada Prohibition of Certain Toxic Substances
- Toxics in Packaging Clearinghouse (TPCH)

Specifications

Input power	Single phase 115V/230V
Programming	Pre-programmed
Input controls	HMI screen with push button controls
Status indicator lights	Red and blue LED's
Temperature rating	32° - 122°F (0–50°C)
Enclosure	UL Type 3R (NEMA 3R)
Power lead	115V plug
Cord length	6 feet (1.8 meters)
Weight	48 lb (21.7 kg)
Standard warranty	24 months / 30 months (install/date code)
GPDA warranty	36 months / 42 months (install/date code)

Performance curves



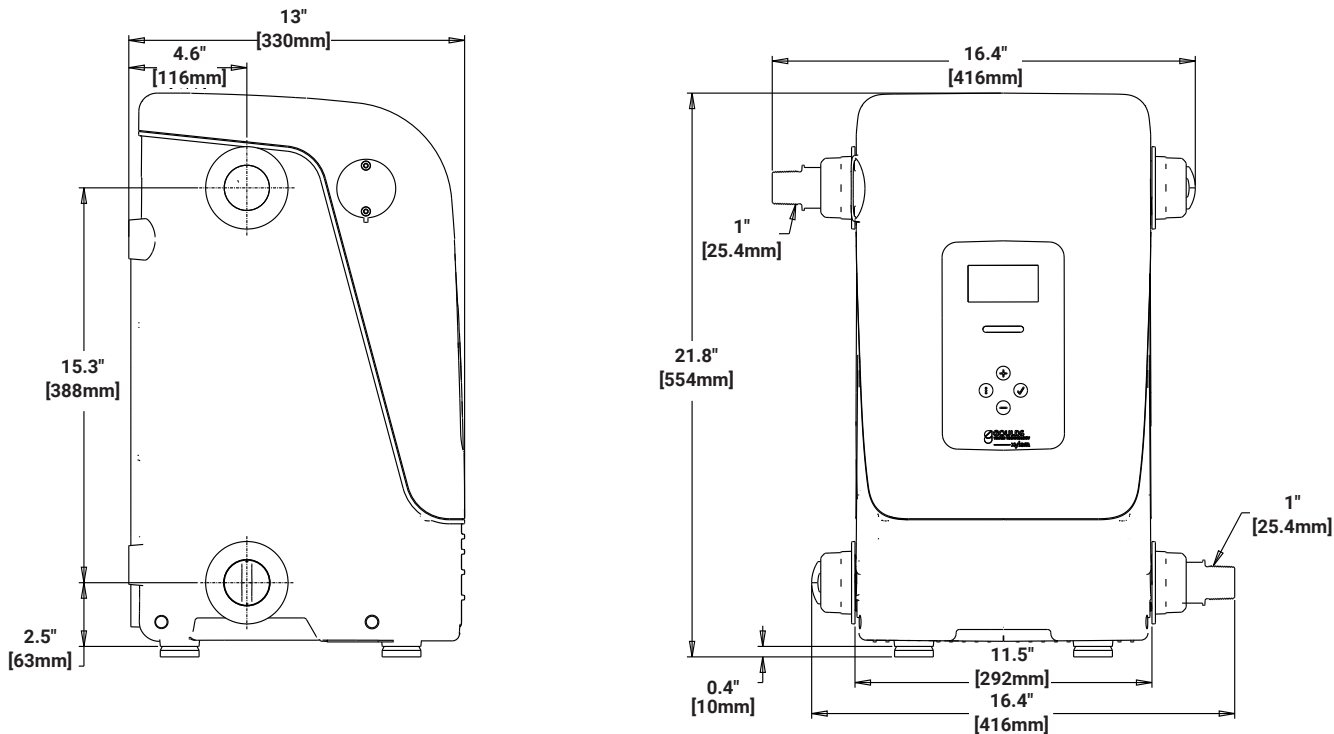
Flow rate based on velocity

Pipe size in. (mm)	Flow rate GPM (LPM)			
	Copper pipe		Plastic pipe	
	3.5 ft/s (1.1 m/s)	8 ft/s (2.4 m/s)	3.5 ft/s (1.1 m/s)	8 ft/s (2.4 m/s)
0.5 (13)	2.5 (9.6)	5.8 (22.0)	3.3 (12.5)	7.6 (28.7)
0.75 (20)	5.3 (20.0)	12.1 (45.7)	5.8 (22.0)	13.3 (50.3)
1 (25)	9.0 (34.1)	20.6 (77.9)	9.4 (35.7)	21.6 (81.6)
1.25 (32)	13.7 (51.9)	31.3 (118.6)	16.3 (61.8)	37.3 (141.2)
1.5 (40)	19.4 (73.5)	44.4 (167.9)	22.2 (84.1)	50.8 (192.1)
2 (50)	33.8 (127.8)	77.2 (292.1)	36.6 (138.6)	83.7 (316.7)

Shallow well performance rating

Total suction lift ft (m)	Input voltage											
	115V						230V					
	Discharge pressure PSI (Bar)						Discharge pressure PSI (Bar)					
	30 (2.1)	40 (2.8)	50 (3.4)	60 (4.1)	70 (4.8)	Max. shutoff PSI (Bar)	30 (2.1)	40 (2.8)	50 (3.4)	60 (4.1)	70 (4.8)	Max. shutoff PSI (Bar)
	GPM (LPM)						GPM (LPM)					
5 (1.5)	22.3 (84.2)	18.0 (68.1)	13.7 (52.0)	9.5 (35.9)	5.2 (19.8)	80 (5.5)	33 (125.0)	28.9 (109.4)	25 (93.8)	21 (78.1)	17 (62.5)	80 (5.5)
10 (3.0)	21.0 (79.5)	16.7 (63.3)	12.4 (47.1)	8.2 (30.9)	3.9 (14.7)	80 (5.5)	31.7 (119.9)	27.7 (104.9)	24 (89.9)	20 (74.9)	16 (59.8)	80 (5.5)
15 (4.6)	20.1 (76.0)	15.8 (59.7)	11.5 (43.4)	7.1 (27.0)	2.8 (10.7)	80 (5.5)	28.9 (109.5)	25.5 (96.6)	22 (83.7)	19 (70.8)	15 (57.9)	80 (5.5)
20 (6.1)	19.4 (73.6)	15.0 (56.7)	10.5 (39.9)	6.1 (23.0)	1.6 (6.1)	70 (4.8)	24.9 (94.3)	22.3 (84.5)	20 (74.6)	17 (64.7)	14 (54.9)	80 (5.5)
25 (7.6)	16.5 (62.5)	13.5 (51.1)	9.8 (37.1)	4.3 (16.3)	-	65 (4.5)	21.6 (82.0)	19.3 (73.1)	17 (62.9)	13 (50.7)	9 (31.1)	80 (5.5)

Dimensional drawings All dimensions are in inches [millimeters]



Dimensions and weights

All dimensions are in inches (millimeters). Weight is in pounds (kilograms).

Model	Height	Width	Depth	Weight
AC10	21.4" (544 mm)	11.3" (287 mm)	13" (330 mm)	48 lb (21.7 kg)

Dimensions are subject to change. Not to be used for construction purposes.

Xylem Product Cybersecurity

Xylem values your system security and the availability of your critical services. For more information on Xylem cybersecurity practices or to contact the cybersecurity team please visit xylem.com/security.

Learn more about AquaCase pumps

Let's Solve Water