



WELL MANAGER GUIDE

Sizing Mistakes

What to check before choosing a water pressure booster pump

Core rule

Size the pump for the whole system, not one weak fixture.

A weak shower tells you where pressure feels wrong, not what the pump has to overcome. Booster pump sizing should account for demand, distance, elevation, operating conditions, and the available water behind the pump.

1

Do Not Size From One Fixture



- A weak shower or upstairs faucet shows where the issue is felt, not what the booster must overcome.
- Distance, elevation, pipe restriction, demand overlap, or limited supply may sit behind the symptom.
- Size around full household demand, not the most annoying fixture.

2

Do Not Ignore Added Demand



- Stories, long runs, barns, irrigation, pools, workshops, and apartments change the pump requirement.
- Capacity, location, operating conditions, and total head all affect pump selection.
- A strong pump can still be poorly matched in practice.

3

Do Not Pick Features First



- App controls and Bluetooth features can be useful, but they should not lead the decision.
- Capacity, supply source, location, distance, elevation, and household demand come first.
- Features should narrow the final choice after performance requirements are clear.

Before sizing, collect the real demand picture

- Bathrooms & bedrooms
- Stories & total home size
- People using water
- Irrigation, barns, pools
- Workshops or apartments
- Distance from the house
- Existing storage
- Where the booster draws from
- App or Bluetooth preferences