

# MIZUE®

## ULTRAFINE BUBBLE (UFB) SHOWER NOZZLE

### Installation & User Manual

*Transform your shower into a spa-like sanctuary.*

#### Product Overview

Reimagine yourself transported to an ancient Japanese onsen, where time slows and the soul is renewed by sacred, healing waters.

Aquadei introduces Mizue®, a breakthrough in Japanese water technology.

By simply adding Mizue® to your shower, you'll awaken your skin's natural vitality and radiance. Feel the gentle, silky touch of water transformed — delivering deep, lasting hydration while infusing every drop with softness and life-giving energy that refreshes the body, mind, and spirit.

Experience a ritual reborn: glowing skin, youthful rejuvenation, and the pure bliss of being truly blessed by the water.

#### Key Benefits

- **Deep Hydration** – Ultrafine bubbles penetrate the skin's outer layer (stratum corneum), helping lock in moisture and reducing dryness greater than 40%.
- **Gentle Cleansing** – Dirt, oil and impurities are removed without harsh scrubbing or soap.
- **Gentle Warmth** – Elevates skin surface temperature for a soothing, spa-like feel.
- **Improved Scalp Health** – Resulting in hair that's shinier, silkier and easier to manage.

#### Installation Instructions

1. Turn off the water supply to your shower.
2. Remove the existing showerhead or nozzle from the shower arm.
3. Ensure the ½" NPT thread is clean and free of debris.
4. Wrap Teflon tape clockwise around the shower arm threads to prevent leaks (optional).
5. Hand-tighten the Mizue® UFB Nozzle onto the shower arm.
6. Re-install shower head on Mizue®.
7. Turn on water gradually and check for leaks.
8. Adjust nozzle direction as desired.

**Note: Do not overtighten. Hand-tight is sufficient.**

#### Maintenance

To maintain optimal performance:

- Periodically flush the nozzle with clean water.
- Avoid harsh chemical cleaners or descaling agents.
- If reduced flow is observed, soak the nozzle in a warm vinegar solution for 30 minutes to dissolve mineral buildup.

## Performance Data Summary

Mean Bubble Size:	186 nm
Mode:	89.7 nm
Concentration:	$2.2 \times 10^7$ particles/mL
Standard Deviation:	141.2 nm
Temperature:	26.4–26.5 °C
Measurement System:	NanoSight NTA 3.4 Build 3.4.4 using Blue405 laser

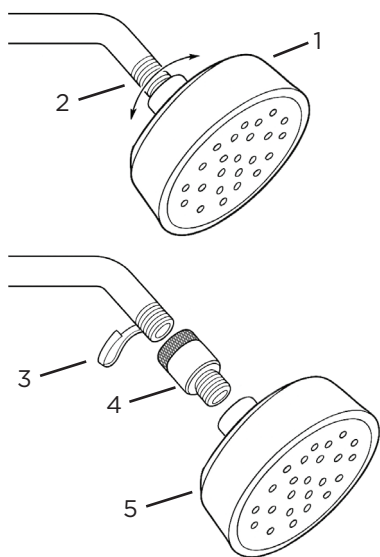
## Troubleshooting

Issue	Possible Cause	Solution
Reduced water flow	Mineral buildup	Soak nozzle in warm vinegar for 30 minutes
No bubble output	Air trapped or improper fit	Reinstall nozzle and flush water line
Leaks at joint	Thread misalignment	Reinstall with Teflon tape and hand-tighten

## Safety & Warranty

- Compatible with all standard ½” shower systems.
- Warranty: 1-year limited warranty against manufacturing defects.
- For support or replacements, contact [info@aquadei.net](mailto:info@aquadei.net) or visit [MyMizue.com](http://MyMizue.com) or [Aquadei.net](http://Aquadei.net).

## Installation Diagram



### Steps for installation:

1. Step 1 - Remove shower head
2. Step 2 - Clean threads on shower spigot
3. Step 3 - Install teflon tape on shower spigot
4. Step 4 - Instal Mizue® on shower spigot
5. Step 5 - Re-install shower head on Mizue®

*Finished!*

**Figure 1: Inline installation of Mizue® between shower arm and showerhead.**

*This product enhances your water experience but is not a substitute for proper water filtration.*

**Disclaimer:** The Mizue® Showerhead is not a medical device and has not been evaluated or approved by the U.S. Food and Drug Administration (FDA).

**Water Quality Notice:** Mizue® does not control, test, treat, certify, or guarantee the quality, safety, mineral content, chemical composition, or microbiological condition of water supplied to the showerhead. Water quality varies by location, plumbing systems, and municipal or private water sources.

Mizue® is not responsible for issues, damages, or outcomes related to local water quality, water pressure, plumbing conditions, sediment, scale buildup, contamination, discoloration, odor, or waterborne constituents. For concerns about water quality, users should consult their local water authority or conduct independent water testing.

## **AQUADEI, LLC.**

75 West Baseline Road, Suite 49 • Gilbert, Arizona 85233

Phone: (480) 694-4709

Websites: [MyMizue.com](http://MyMizue.com) or [Aquadei.net](http://Aquadei.net)