Baths of Distinction Launches Microbubble Bathtub Range for Home and Luxury Spas

Combining 19 Years of Craftsmanship with Japanese Microbubble Science, the New Line Delivers Active Water Warming, Deep Pore Hydration, and Dual-Therapy Massage



Large 79" x 40" Freestanding Microbubble Bathtub “SanSiro Classique Silk Air 79MB”

PINELLAS PARK, FL, UNITED STATES, September 9, 2026 /EINPresswire.com/ -- Baths of Distinction, a leader in luxury freestanding bathtub design for nearly two decades, today announced the launch of its new range of freestanding microbubble soaking bathtubs. Engineered for residential master suites and luxury commercial health and skin care establishments, the collection delivers an all-natural, spa-grade hydrotherapy experience using only two pure ingredients: water and ambient air.

The collection marks a major advancement in home and commercial wellness, bridging advanced skin restoration with therapeutic muscle relaxation.

From Industrial Research to Luxury Hydrotherapy

Microbubble technology originated in Japan during the 1990s for industrial and environmental water treatment. Scientists discovered that microscopic air bubbles possessed unique physical properties, including the ability to bind naturally to impurities and suspended solids.

By the early 2000s, commercial spas across Asia recognized that these micro-mechanisms offered remarkable benefits for human skin. Having spent 19 years evaluating hydrotherapy innovations, Baths of Distinction has refined this commercial technology into a sleek, freestanding residential and commercial line.

"In our 19 years of designing and crafting bathtubs, home wellness has evolved dramatically," said a spokesperson for Baths of Distinction. "Traditional hydrotherapy jets are fantastic for deep muscle massage, but they aren't always what your skin needs at the end of a long day. Seeing a crystal-clear tub transform into a dense, milky-white bath in under two minutes delivers a visual and physical transformation that redefines daily self-care."

The Science: How Microbubbles Are Produced

Unlike conventional air jets that push large bubbles through fixed nozzles, the Baths of Distinction microbubble system relies on fluid mechanics and oxygen saturation:

Intake & Ambient Air Mixing: A specialized pump draws bathwater through a venturi intake valve, mixing water with ambient air.

High-Pressure Dissolution: Inside an internal chamber, the mixture is pressurized to dissolve air directly into water molecules, super-saturating the bath with 50% more oxygen than tap water.

Micro-Shattering Release: As pressurized water flows back into the tub, the sudden pressure drop shatters air streams into billions of microscopic bubbles.

Because these microbubbles are smaller than human skin pores, they remain suspended in the water column rather than rising quickly to the top, creating a dense, cloud-like soak.

In-House Testing Breakthrough: Active Water Warming

During hands-on testing at Baths of Distinction's U.S. facility, engineers documented an extraordinary thermal phenomenon. While standard bathwater cools down over time, test results showed that during a 20-minute microbubble soak, bathwater temperature actually increases by just over 1 degree Fahrenheit. As billions of microbubbles implode beneath the surface, they release latent thermal energy directly into the water, maintaining soaking warmth naturally without electrical inline heaters.

Clinically Proven Skin Restoration & Hypoallergenic Care

Microbubble therapy provides deep pore cleansing through natural physics:

Magnetized Pore Cleansing: Microbubbles enter pores directly, using natural electrical attraction to bind to and lift away dirt, oil, and impurities without abrasive scrubs.

100% Hypoallergenic: Relying strictly on air and water, the soak is naturally antimicrobial and hypoallergenic—ideal for bathers with eczema, psoriasis, or sensitive skin.

These skin benefits are validated by independent clinical testing commissioned by microbubble specialist Nu-Whirl. In clinical trials measuring a 10-minute microbubble soak:

100% of participants experienced measurable improvements in skin hydration, showing an average 14.24% increase in moisture.

79% of participants demonstrated a clinically documented 10% average improvement in skin softness.

Dual-Therapy Integration & Three Convenient Sizes
To offer a complete wellness regimen, the collection integrates pre-heated air bubble streams alongside microbubble technology. Bathers can begin with a deep-cleansing microbubble soak, then activate pre-heated air streams—warmed naturally by blower friction—to ease muscle tension and joint soreness.

The collection is available in three convenient standard sizes, ensuring seamless integration into standard plumbing footprints for residential remodels and commercial spa suites. Every tub undergoes extensive finishing, testing, and quality control at Baths of Distinction's St. Petersburg, Florida facility.

About Baths of Distinction
For 19 years, Baths of Distinction has designed and produced high-quality freestanding bathtubs, offering exclusive designs spanning classic, copper, vintage, and contemporary styles. Dedicated to superior craftsmanship, Baths of Distinction finishes and tests all hydrotherapy tubs in St. Petersburg, Florida.

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