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FOR IMMEDIATE RELEASE

DXV Redefines Luxury with First-Ever 3D Printed Metal Faucet Collection

Revolutionary Additive Manufacturing Process Offers New Fabrication Possibilities; Trio of Stainless Steel Faucets Showcase Breathtaking Design



NEW YORK, ICFE (May 14, 2016) — DXV by American Standard has transformed faucet design and engineering with the production of the first residential faucets created with 3D printing.

While this manufacturing technique has been used to craft plastic faucet models and concepts for years, the Vibrato, Trope, and Shadowbrook [3D faucets from DXV by American Standard](#) are the first ready-for-market working residential faucets to be printed in metal. This 3D printing process opens

up exciting possibilities for the function of faucets, enabling ways to present water and redefining the user experience.

The 3D printed Vibrato faucet from DXV by American Standard showcases an eye-catching mesh of delicate latticework that creates the appearance of water magically flowing from the spout. design and avant-garde completely

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The Vibrato and Trope faucets are the dazzling result of a quest to reinvent the way water is brought to the user. The incredibly durable strength of the stainless steel used in the 3D process supports the fine structures of concealed waterways that converge into one piece to deliver water from the faucet spouts.

Characterized by an eye-catching mesh of delicate latticework, the [Vibrato faucet](#) serves as a striking focal point in contemporary luxury settings. The very delicacy of its design makes a vivid and unforgettable statement of flowing water.

The waterways of the [Trope faucet](#) are separated into four slender sections, taking classic design lines and creating elegance through symmetry. The graceful curves of the Trope's narrow waterways are echoed on the handles of this widespread faucet for a subtle, contemplative effect.



Coming to select showrooms in 2016, the 3D printed Trope faucet from DXV by American Standard features waterways that separate into four slender sections, taking classic design lines and creating an elegance through symmetry.

Delivering a near-magical experience with each use, the Vibrato and Trope faucets bring mystery and drama to an otherwise mundane moment. Water flows from what appears to be a hollow spout, enchanting and beguiling the user.

[Shadowbrook](#), the third faucet design, celebrates the natural experience of water. As water flows from the faucet, it is presented to the user as a stream bouncing on rocks in a riverbed. The poetic effect of this organic water flow was achieved through the meticulous adjustment of each of its 19 waterways, a significant triumph of Computational Fluid Dynamic (CFD) technology. The rest of the faucet styling is extremely pure and simple, to keep the spotlight on the play of the water.

The faucets are printed via the Selective Laser Sintering (SLS) process, which employs a computer-guided laser beam to fuse powdered metal into the desired shape with high heat and pressure. A solid metal block gradually rises out of the powder, and is then hand-finished to smooth extraneous metal and reveal the faucet design. In a revival of the tradition of bespoke craftsmanship, the DXV 3D printed faucets then receive an artisan-inspired butler finish, which lends a rich, fine patina and feel that mimics the texture found on antique silver pieces.



A celebration of the natural experience of water, the new Shadowbrook 3D printed faucet from DXV by American Standard shapes flowing water to resemble a stream bouncing on rocks in a riverbed.

DXV [Pop undercounter lavatories](#) beautifully align with the esthetic architecture of these elegant 3D faucets, providing a selection of round, oval, square and rectangular configurations to complement any space.

All three DXV 3D faucets meet the stringent high performance and water efficiency standards for WaterSense-certification from the U.S. Environmental Protection Agency (EPA). They use 45 percent less water than standard bathroom faucet models, with a flow rate of 1.2 gallons per minute (gpm). They have received NSF certification for meeting public health and safety standard and are 'lead free' as defined under applicable federal and state laws.

These [3D printed faucets from DXV by American Standard](#) will be available in select showrooms in 2016. The Vibrato faucet is priced at \$19,500, the Trope at \$17,000, and the Shadowbrook at \$18,000.



DXV by American Standard introduces the first commercially-available residential faucets created with additive manufacturing, better known as 3D printing, representing a breathtaking revolution in faucet design and engineering.

These first-of-their-kind 3D printed faucets were recognized for their styling and operational innovation by the Kitchen and Bath Industry Show (KBIS) as their 2016 Best of Show Gold winner in the Bath category. The prestigious A' Design competition recognized the Shadowbrook 3D faucet with a 2016 Platinum award – judging it to be in the top one percent of entries – for its functionality, performance, reliability, interaction and aesthetic beauty.

For more information, visit www.dxv.com or call 800-227-2734.

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