



PN 200370



- Spins out debris as small as 5 microns
- Ideal for new and existing installations
- Works with all equipment brands
- Extends media filter cleaning cycles by at least 4 times
- Dramatically reduces waste water
- Requires NO additional pad space
- Simple Installation



















Building for the Future

At Watkins Wellness, we keep on growing!

We're building for the future and increasing our production capacity so that we can continue to deliver exceptional products and unparalleled support.

#### Interested in learning more?

**HotSpring**\*

Contact Matt Teague,
Director of Business Development
Matt.Teague@watkinsmfg.com
(760) 802-4803















## **Welcome to Las Vegas**

Thank you for attending PSP/Deck Expo 2022

# **SHOW GUIDE**





# Expo: Nov 15–17 Education: Nov 12–17

Las Vegas Convention Center Las Vegas, Nevada

Product Showcase
Discover new technology

**Daily Schedules**Find your education

Navigate the show with ease. Search 'Pool Spa Patio' in your app store to download the official PSP/Deck Expo mobile app. Look for this icon to ensure you have this year's version of the mobile app.



#### www.PoolSpaPatio.com

#### **SHOW STAFF**

Kevin Thornton, SVP Construction

Kris Osterbusch, Show Director

Jolyne Dolye, Operations Manager

Krissy Adams, Conference Manager

Megan Magaña, Senior Marketing Manager

Steve Schlange, Sales Manager

Melissa Sklenar, Accounts A-K & Digital Marketing Solutions

Amy Scott, Accounts L-Z

Tami Svarfvar, Business Development Manager

# Say 'hi' if you see us onsite!

International Pool | Spa | Patio Expo™, co-located with Deck Expo/Informa Markets 222 W. Las Colinas Blvd. Suite 450E Irving, Texas 75039 info@poolspapatio.com





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# **KEY LOCATIONS**

#### **Show Floor Education**

Spa Retailer Academy	Booth #5337
Deck Workshop	Booth #8774
PSP/Deck Expo Stage	Booth #7173
Simpson Strong-Tie Demos	Booth # 8555
GENESIS Solution Center	Booth #4558
PHTA Demo Zone	Booth #4058

#### **Show Floor Features**

Product Showcase	Booth #4022
PSP/Deck+ Lounge	Booth # 3942

#### **Partner Booths**

PHTA - Pool & Hot Tub Alliance/Membership	Booth #5158
GENESIS	Booth #4558
North American Deck & Railing Association	Booth #8344
Pool & Spa News (PSN)	Booth #4725

#### For Exhibitors

Exhibitor Services DeskBooth #85	/6
Sales OfficeBooth #82	77

#### General

Business Center/UPS	.West Hall behind Concession Area Across from W2 Entrance
Coat & Bag Check	Next to Fed ExWest Hall behind Concession Area Across from W2 Entrand
First Aid/Info Counter/Registration Customer Service	Level 1 Behind the Left of Registration
Press Room (Shared with Speaker Ready Room)	.Room W235
Show Management Office	.Room W234
Speaker Ready Room (Shared with Press Room)	.Room W235
Taxi & Ride Share Pick-Up and Drop Off	.West Hall Main Lobby

**REGISTRATION SPONSORED BY** 





# PRE-CONFERENCE **SCHEDULE**

# **SCHEDULE AT A GLANCE: EDUCATION & EXPO**

Saturday	Sunday	Monday
November 12	November 13	November 14

PHTA Certified Service Technician (CST) Course

PHTA Certified Maintenance Specialist (CMS) Course

PHTA Certified Hot Tub Technician (CHTT) Course

Pool & Spa Operator ® (CPO®) Certification Course

PHTA/ICC Present the 2021 **International Swimming Pool** & Spa Code

C201: GENESIS® CONSTRUCTION SCHOOL: Concrete Pools

D180: Drawing for Professionals

D271: Architectural Styles

D211: Elements of Design

D265: Master Designer Methods: Kirk Bianchi, Crafting the Outdoor Space as a Living Art Form

Secrets to Build Predictable

Watershape University C3611: Essential Plaster Workshop

Watershape University C4112: Advanced Watershape Construction – Wellness

> Watershape University C2711: **Major Renovations**

> > Watershape University B1611: **Business Administration Essentials**

Watershape University C3341: **Essential Plumbing Workshop** 

Watershape University W208: Vanishing and Slot-Edge Design, **Engineering & Construction** 

#### **PSP/Deck Expo Conference Program** W200 ROOMS, SECOND FLOOR OF WEST HALL

· Tuesday, November 15 7:30 am - 8:45 am · Wednesday, November 16 8:45 am - 11:00 am · Thursday, November 17 7:30 am - 10:30 am

#### **Expo Hall Hours**

· Tuesday, November 15 10:30 am - 5:00 pm · Wednesday, November 16 10:30 am - 5:00 pm (Plus Booza-POOL-Ooza: Networking Happy Hour until 6 p.m.)

· Thursday, November 17 10:30 am - 2:30 pm

#### **Registration Customer Service LOBBY D**

1:00 pm - 5:00 pm Sunday, November 13 · Monday, November 14 7:30 am - 5:00 pm · Tuesday, November 15 6:45 am - 5:00 pm · Wednesday, November 16 7:00 am - 5:00 pm · Thursday, November 17 7:30 am - 2:30 pm

#### **Show Floor Education**

· Tuesday, November 15 10:45 am - 4:45 pm · Wednesday, November 16 10:45 am - 4:45 pm · Thursday, November 17 10:45 am - 2:30 pm

#### **Show Location**

Las Vegas Convention Center (West Hall) 3150 Paradise Road Las Vegas, Nevada 89109

Schedule is subject to change. For up-to-date show information, visit www.PoolSpaPatio.com, or download the mobile app. Use search term 'pool spa patio.'

#### **NPC's Start-Up Technician Certification Course**

**TUESDAY, NOVEMBER 15 // 8:00 AM - 5:00 PM** 



#### **ASA Shotcrete Nozzleman Education Course**

Presented by the American Shotcrete Association **TUESDAY, NOVEMBER 15 // 8:00 AM - 4:00 PM** 



#### **Ouality Shotcrete -**Know It When You See It

(Presented by ASA)

**WEDNESDAY, NOVEMBER 16** 8:00 am - 4:30 pm, without exam 8:00 am - 6:00 pm, with exam

# **SPECIAL EVENTS**

#### **PHTA Awards of Excellence Reception**

**MONDAY, NOVEMBER 14 // 5:30 PM - 7:00 PM** Beethoven Ballroom at Encore at Wynn Las Vegas

#### **NEW!** Keynote: CEO Panel

TUESDAY, NOVEMBER 15 // 9:00 AM - 10:30 AM Room W326. Session Code: KEY

#### **PHTA WAVE Network Reception**

TUESDAY, NOVEMBER 15 // 4:30 PM - 5:30 PM Room W303-W306. Session Code: WAVE

#### **First-Time Attendee Reception**

TUESDAY, NOVEMBER 15 // 4:30 PM - 5:30 PM Third Floor Terrace, Las Vegas Convention Center, Session Code: FT

#### **Welcome Party**

**TUESDAY, NOVEMBER 15 // 5:00 PM - 7:00 PM** Third Floor Terrace, Las Vegas Convention Center, Session Code: TUWP

#### **Heritage Pool Supply Group Benefit Concert**

TUESDAY, NOVEMBER 15 // 7:00 PM - 11:00 PM House of Blues at Mandalay Bay

#### **Breakfast of Champions Powered by PHTA**

WEDNESDAY, NOVEMBER 16 // 7:00 AM - 8:30 AM Room W326, Las Vegas Convention Center, Session Code: BOC

#### Million Dollar Pool Design **Challenge Session**

WEDNESDAY, NOVEMBER 16 // 1:30 PM - 2:30 PM PSP/Deck Expo Stage, Booth #7173, Session Code: E8

#### *NEW!* Booza-POOL-Ooza: **Networking Happy Hour**

WEDNESDAY, NOVEMBER 16 // 4:30 PM - 6:00 PM Expo Hall

#### Pool Nation Awards™

WEDNESDAY, NOVEMBER 16 // 6:30 PM -9:30 PM Room W326, Session code: PNA

#### **GENESIS® Family Reunion** and Winemaker Dinner

WEDNESDAY, NOVEMBER 16 // 7:00 PM - 10:00 PM Celebrity Cars Las Vegas, Session code: WEWD





# **MY SHOW PLANNER**



My Show Planner combines planning and logistics into one easy-to-use tool.

Get the most out of your show experience with our new My Show Planner. Search for exhibitors, view conference sessions and events, see who is speaking, and more.

Plan out your PSP/Deck Expo show experience by creating a planner account. My Show Planner is mobile-friendly.

To access, click the icon to the left, or visit www.poolspapatio.com and select "My Show Planner" in the upper right corner.

The latest information is in the show mobile app. Search "Pool Spa Patio Deck" to download.



# JACUZZI GROUP



**Sundance** Spas



Booth #6144

Booth #6147

Booth #6151





Booth #6544

Booth #6550

Come visit us at PSP/Deck Expo, November 15-17, 2022

# Accelerate Your Growth with the Industry's Best

World-class onboarding, training and support to get you up and running, lead generation and turnkey marketing programs to make driving sales easier, and showroom design services to create an impactful experience—you're partnering with a team of product and industry experts committed to your profitability and overall business success.



# COMMITMENT SUSTAINABILITY

#### THE MISSION

We understand that our event impacts the environment and the communities we serve.

Our goal is to make the event more responsible and to minimize these impacts continuously.

Through our Sustainability Program, we are working to identify, understand, and address areas where we can make positive changes.

#### **GOALS**

Our three aims of delivering a sustainable event are:

- 1. Social
- 2. Economical
- 3. Environmental



#### HOW YOU CAN HELP

Check out the all-new interactive Sustainability Hub in the main concourse for an overview of greening initiatives happening on-site and get involved by pledging to take action while you're in Las Vegas.



#### PLEDGE #1

Bring my reusable water bottle to avoid the waste impacts of disposable plastic bottles.



#### PLEDGE #2

Enjoy the host city and reduce my carbon foot print by walking to and from my hotel, using public transportation or car-sharing services.



#### PLEDGE #3

Use the linen and towel reuse program at my hotel and turn off the lights when I leave my room.



On the Terrace of the Las Vegas Convention Center Included with a Super Pass or Tuesday Day Pass

# Hydrate. Caffeinate. Celebrate.

Enjoy complimentary food and drinks while networking with your peers. See skyline views of the Las Vegas Strip and pre-game for the evening.



# **DOWNLOAD** THE MOBILE APP



Stop by these booths for a complimentary beverage!



Navigate the show with ease.

Search 'Pool Spa Patio' in your app store to download the PSP/Deck Expo mobile app.

And look for this icon to ensure you have this year's version of the mobile app.



**MOBILE APP SPONSOR** 



#### **TUESDAY, NOVEMBER 16**

Pivot Pool Products	Booth #5862	11:00 am - 3:00 pm
Spin Master	Booth #8159	12:00 pm - 4:00 pm
HFS Financial	Booth #5934	12:00 pm - 4:00 pm
Deckorators	Booth #8362	1:00 pm - 5:00 pm
Lyon Financial	Booth #5340	1:00 pm - 5:00 pm

#### **WEDNESDAY, NOVEMBER 17**

HFS Financial	Booth #5934	12:00 pm - 4:00 pm
Lyon Financial	Booth #5340	1:00 pm - 5:00 pm
Viewa LTD	Booth #4331	1:00 pm - 5:00 pm





The Million Dollar Pool Design Challenge offers pool designers the opportunity to create a mock outdoor living area, with a minimum \$1 million budget. For the first time, designers can win a top prize of \$10,000 thanks to Lead Sponsor, Riverflow Pumps by Current Systems.

See the finalists and vote for the winner in Session E8: Million Dollar Pool Design Challenge. Happening Wednesday, November 16 from 1:30 p.m. to 2:30 p.m. at the PSP/Deck Expo Stage (booth #7173) in the Expo Hall.

#### **LEAD SPONSOR**



#### **ADDITIONAL SPONSORS**















# **HOT TUBS HAVE EVOLVED...**



**EXPERIENCE AT BOOTH #5629** 

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## **Gold Sponsors**















#### **Silver Sponsors**

















#### **Bronze Sponsors**





























# A VERY SPECIAL THANK YOU

We would like to extend a special thank you to our industry partners. Your support helps make PSP/Deck Expo an exceptional event for everyone.

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# EASIER PH BALANCING.



Powered by  $\mathbf{CO}_2$  injection, maintaining pH & Total Alkalinity has never been easier. No more suffering with the pH bounce that comes from weekly visits. You're using  $\mathbf{CO}_2$  whether you realize it or not as acid + sodium bicarbonate  $= \mathbf{CO}_2$ . With consistent water balance, everyone is happy from builder to homeowner.

pH Pure eliminates acid demand for lowering the pH and allows all sanitizers to be more effective. HOCI (Hypochlorous Acid) is reduced from 66% active at 7.2 pH to only 33% active at 7.8 pH

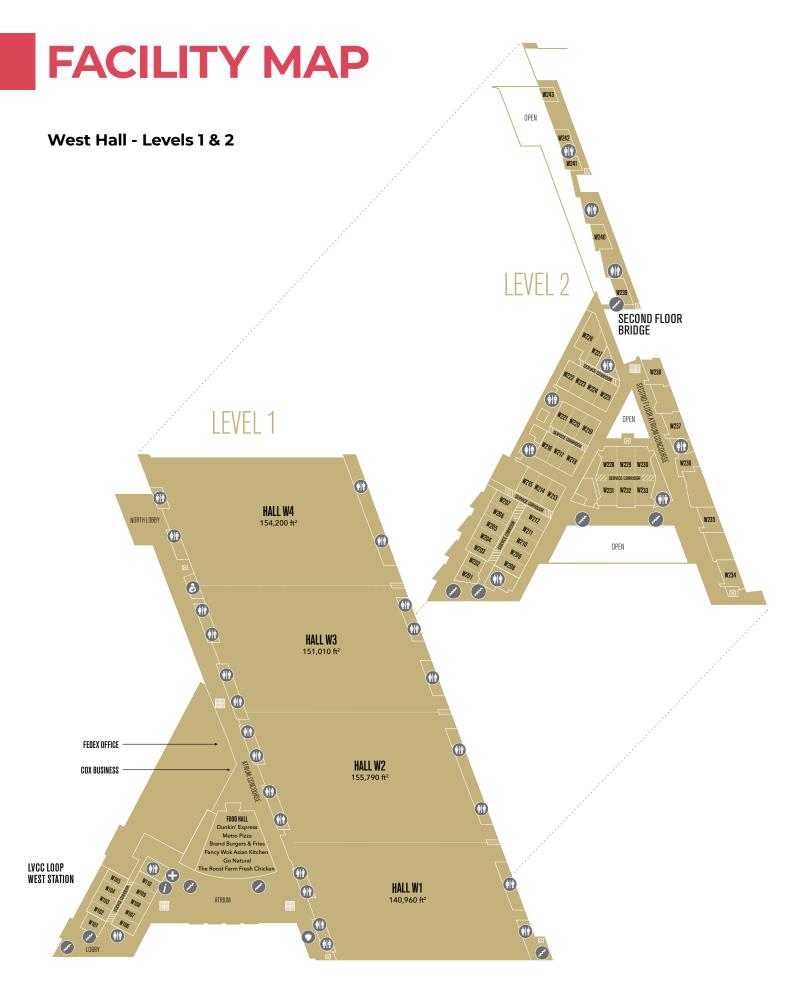
- Builders and startup CPO's want to maintain proper chemistry to avoid the blame game
- CPO's don't want complaints when the pH spikes and pool turns green
- Homeowners want less chemicals in their pool

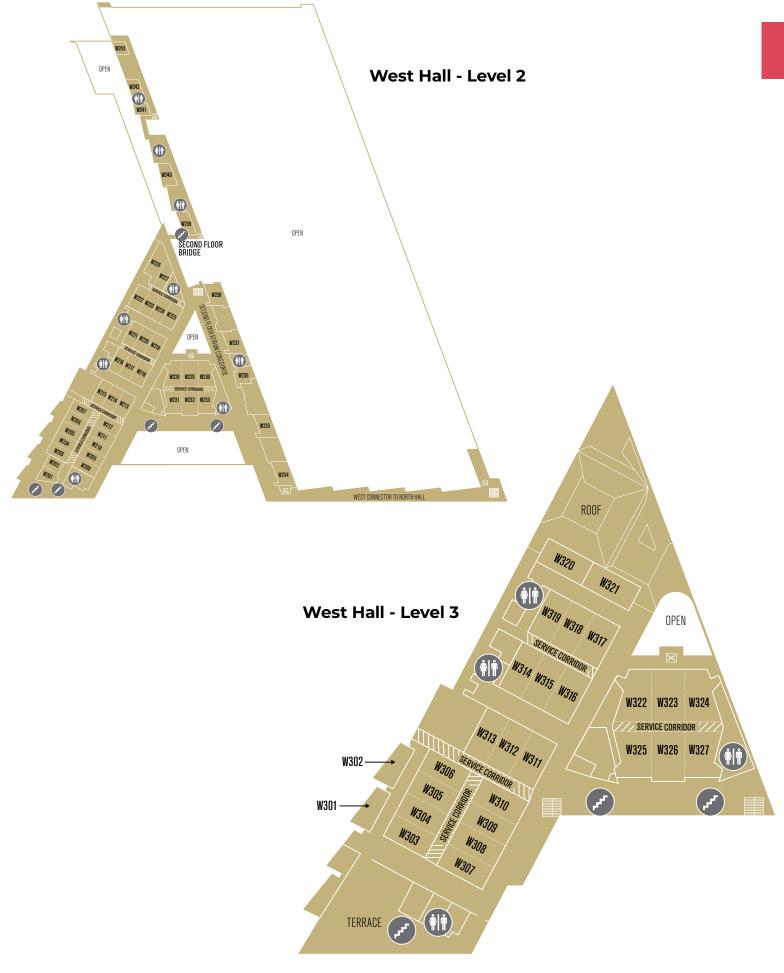






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#### CONFERENCE

#### **Tuesday, November 15**

#### 7:30 am - 8:45 am

BUS RTL TU01: If We Could Turn Back Time: 25 Lessons That We Have Learned Speakers: Matt Gohlke, Nick Day Room W209

WU TU02: Watershape University: Steel Reinforcement for Shotcrete **Applications** Speaker: Bill Drakeley

BUS TU03: Use AUTOMATION To SELL More and SATISFY More, WITHOUT More Manpower!

Speaker: Brett Abbott Room W227

Room W228

Room W220

PHTA RTL TU04: How to Survive and Thrive in an Ever-Changing Retail World Speakers: Jane Merritt, Mallory Wachowski

BLD RTL SRVC TU05: Water Balance 101

Speaker: Christopher Golden Room W223

BLD Builder

**BUS** Business

COM Commercial

DECK TU06: The Multi-Types of Railing Requirements for Multifamily & Other R2 Dwellings Speaker: David Mullins

SRVC TU07: Comprehensive Swimming Pool Inspections with Leak Detection Speaker: Darren Merlob Room W233

GEN OUL DES TUOS: D323: Outdoor Kitchen Design Speaker: Jason Brownlee Room W214

BLD GEN TU09: C205: Pool Tile: The Good, the Bad, and the Ugly Speaker: Greg Andrews Room W217

#### 9:00 am - 10:20 am

SPCL Keynote: CEO Panel Room W326

#### Panelists:

Room W205

- · Rick Roetken; President, North America, Hayward Holdings
- Dave Jackson: CEO. Jacuzzi Group Worldwide
- · Ardy Arani; CEO & Managing Director, Big Green Egg
- · Matt McDermott; President, Heritage Division/SRS
- · Landon Tarvin; Vice President, Deckorators

Moderator: Bruce Porter; CMO, SWAT Marketing Solutions, Inc.

#### **Education Track Key** Design RTL Retail Deck PHTA PHTA **GENESIS** Service Outdoor Living Watershape University SPCL Special Event

#### Wednesday, November 16

#### 7:00 am - 8:30 am

SPCL Breakfast of Champions Powered by PHTA Sponsored by Raypak. Room W326

8:45 am - 9:45 am

WU BLD WE01: Geotechnical Loads and the Unified Soil Classification System Speaker: Dave Peterson Room W233

BLD DES WE02: D415: Designer Dialogues; How to Choose to Work with the Architectural Styles and Timeline Design Speakers: Feras Irikat. Paul John Boulifard. Kate Wiseman, Jason Brownlee, Andy Kaner, Kirk Bianchi Room W228

OUL WE03: Outdoor Kitchens Reward the Lifestyles of the Owners Speaker: Michael Gotowala Room W205

BUS WE04: Post Pandemic **Business Awareness** Speaker: Juliet Phelps Room W220

WE05: "I Will Just Get it Online:" Strategies to Keep Your Customers on Your Doorstep

Speaker: Anne Obarski Room W217

SRVC WE06: Finding Leaks -Turn Headaches into Profits

Speakers: Brad Madison, Lance Anderson Room W223

SRVC WE07: Maximizing Efficiency: The Role of Specialty Chemicals in Pool Care Speaker: Alicia Stephens Room W214

DECK WE08: Stop Losing Money Before the Job Even Starts: How to Fix your Estimates Speaker: Chris Breen Room W209

GEN BLD WE09: C230: Shotcrete Science (Part 1) Speaker: Terry Brannon Room W226



Breakfast Sponsor:



#### CONFERENCE

#### Wednesday, November 16

#### 10:00 am - 11:00 am

BUS WE10: Builders, Bloopers and Blunders - Common Construction Defects in Swimming Pools Speaker: Scott Cohen

Room W209

GEN BLD WE11: C230: Shotcrete

Science (Part 2) Speaker: Terry Brannon Room W226

WU BUS WE12: Impressive Construction Proposals

Speaker: Michael Nantz Room W228

BUS WE13: 10 Secrets to A Successful Digital Marketing Strategy

Speaker: Bruce Porter Room W220

WE14: Service TOUCHPOINTS: 9 Critical Points of Contact That Impact Customer Loyalty

Room W223

Room W214

WU SRVC WE15: Equipment Pads Built for Ease of Service

Speakers: David Penton, Kevin Cobabe Room W233

SRVC WE16: How to do More Service with Reduced Staff Speaker: Mike Leone

SRVC WE17: Staining, Scaling & Discoloration: Identification, Prevention

& Removal Speakers: Jim Sturick, Jana Auringer

#### Speaker: Anne Obarski Room W217

BUS TH02: Instagram Shops, Facebook, Tik Tok, Pinterest and More! Understanding Your Expanded Social Commerce 2022

**Thursday, November 17** 

7:30 am - 9:00 am

Panel (Part 1)

Room W226

Ad Options!

Room W217

Speaker: Pam Vinje Room W223

SRVC TH03: Myths of Water Chemistry and Testing

GEN BLD TH01: C415: Dampproofing

Speakers: Skip Phillips, Kyle Chaikin, Jon Temple, Shaun

Goldberg, Ken Milbery, Scott McKenna, Thomas Fuller

Speaker: Christopher Golden Room W214

BUS TH04: Building Your Lean Projects for Profitable Results Speaker: Brad Humphrey

## SRVC TH05: Hiring, Managing,

and Leading in Pool Service

Speakers: Hal Denbar, Nathan White, Robert Daniels, Tyler Rasmussen, Harry Geller Room W209

BUS TH06: Fast Friends - Quickly Bond With Your Clients to Discover What They Really Want

Speaker: Scott Cohen Room W220

PHTA BLD TH07: VGBA Application and Field Inspections Speakers: Steve Barnes, Steve Getzoff Room W228

TH08: Solving the Biggest Marketing Challenge Facing the Deck & Patio Construction Industry -**Unconverted Leads** 

Speaker: April Edwards Room W233

# **CONFERENCE Evaluations**

Search "Pool Spa Patio Deck" to download.

Your feedback is important to us. Please take a quick conference evaluation survey after each session you attend. This information helps us maintain a positive learning experience for our attendees. It also provides us with insight into what you would like to learn about in the future.

Conference Evaluations are available in the PSP/Deck Expo mobile app. To complete a conference evaluation, open the PSP/Deck Expo mobile app, locate the session and click on "Fill Out Survey".

Attendees that rate a session they have attended will be entered into a drawing for a \$100 gift card.

To download the PSP/Deck Expo mobile app, search 'Pool Spa Patio Deck' in your app store.



**Education Track Key** Builder Design Retail Deck PHTA PHTA Service Business **GENESIS** COM Commercial Outdoor Living WU Watershape University SPCL Special Event

CONFERENCE

#### **Thursday, November 17**

#### 9:15 am - 10:30 am

Room W220

BUS WU TH09: Preventing Litigation Speakers: Bill Drakeley, Paolo Benedetti Room W228

OUL DES TH10: D423: Outdoor Living: How to Create Beautiful and Comfortable Outdoor Rooms Speaker: Kate Wiseman

GEN BUS TH11: D237: How Innovative Creativity Can Profit Your Business Speaker: Feras Irikat Room W233

BUS TH12: Find, Hire, Train and Retain Self-Motivated Workers Speaker: Brad Humphrey Room W217

SRVC TH13: Pool Inspections -"The Why, Who, How & When" Speaker: Peter Muehlbronner

BLD DES TH14: How to Design with Elevations From Too Flat to Too Steep

Speaker: Mike Farley Room W209

Room 223

SRVC TH15: Consolidation of the Pool Service Industry - From the Experts

Speakers: Augusto Titarelli, Justin Kuperberg, Fraser Ramseyer, Lucas Dorrell, Wendy Parker, Gary Crayton, Hal Denbar Room W214

TH16: C415: Dampproofing Panel (Part 2)

Speakers: Skip Phillips (moderator), Kyle Chaikin, Jon Temple, Shaun Goldberg, Scott McKenna, Thomas Fuller Room W226

#### **Education Track Key** Builder Design PHTA Business **GENESIS** Commercial Outdoor Living WU Watershape University SPCL Special Event

# **Build your customer's** ultimate backyard dream.









Plan, quote and build outdoor structures faster and easier. Grow your construction business with free Outdoor Living software from Simpson Strong-Tie. Our design apps include Deck Planner Software™, Pergola Planner Software<sup>™</sup> and Fence Planner Software<sup>™</sup>. The in-app tutorials make it easy to select materials, dimensions, colors and hardware. Add patios, sheds, landscaping or other features, then show customers their entire yard in a realistic 2D or 3D view. Once your design is complete, you can print a full materials list, provide a quote, review permit submittal pages, and select a local dealer with available supplies in your area.



Download free design software at go.strongtie.com/outdoorliving. Or call (800) 999-5099 to learn more.

## SHOW FLOOR

PSP/Deck Expo Stage   Booth #7173				
Tuesday, November 15				
Time	Code	Session Name	Speakers	
11:30 am- 12:15 pm	ΕΊ	Introducing the New PHTA/ICC-2 Standard for Public Pool and Spa Operations and Maintenance	Dennis Berkshire, Joe Laurino, Jody O'Grady, Ken Gregory, Justin Wiley, Steve Barnes, John Weber	
12:30 pm - 1:15 pm	E2	Why Not Me? How I Went From 5 Startups to 5 Multi-Million Dollar Businesses and Why You Can Do it Too	Lance Bachmann	
1:30 pm - 2:15 pm	E3	Watershape University White Papers on Key Issues	Dave Peterson, Bill Drakeley	
2:30 pm - 3:15 pm	E4	Getting Your Online Marketing Right in 2023	Brandon Schmidt	
Wednesday, Novembe	r 16			
11:30 am - 12:15 pm	E6	Let's Clear the Air - Air Quality for Indoor Swimming Venues	Jody O'Grady, John Weber, Jim Egan	
1:30 pm - 2:30 pm	E8	Million Dollar Pool Design Challenge	Mike Farley, Reid Schindler	
2:45 pm - 3:30 pm	E9	How To Make Chlorine Last Longer	Terry Arko	
3:45 pm - 4:45 pm	E10	Proper Inground Spa Jet Design in a Variable Speed World	Scott Roodbergen	

Tuesday, November 15				
Time	Code	Session Name	Speakers	
11:00 am- 12:00 pm	G1	GENESIS® Solution Center - Understanding Architecture, Why it Matters	Paul John Boulifard	
3:00 pm - 4:30 pm	G2	GENESIS® Solution Center - Taste of GENESIS - Wine Tasting	Brain Van Bower, Matt Cline, Erin Cline (Three Wine Company)	
Wednesday, Novembe	er 16			
11:00 am - 12:00 pm	G3	GENESIS® Solution Center - D411: Integrating Manufactured Pools into a Master Plan	Kate Wiseman	
1:30 pm - 2:30 pm	G4	GENESIS® Solution Center - C271: GENESIS Project Profile Series	Kirk Bianchi	
Thursday, November 1	7			
11:00 am- 12:00 pm	G5	GENESIS® Solution Center - Taste of GENESIS, What's Coming for Design Education	Kate Wiseman, Feras Irikat	

PHTA Demo Zone   Booth #4058					
Tuesday, November 15	Tuesday, November 15				
Time	Code	Session Name	Speakers		
12:15 pm - 1:15 pm	ΡΊ	PHTA DEMO - Fiberglass Installation Fundamentals	Jason Hughes		
1:30 pm - 2:30 pm	P2	PHTA DEMO - Incorporating Wellness and Fun in a Backyard Project	Mark Lutz, Michael Sparacio		
Wednesday, Novembe	er 16				
12:15 pm - 1:15 pm	РЗ	PHTA DEMO - Pool Circulation & Debris Removal in a Variable Speed World	Ryan Dubes		
3:00 pm - 4:00 pm	P4	PHTA DEMO - Basic Leak Detection Procedure,	Brad Madison, Lance		
		Techniques and Equipment	Anderson		
Thursday, November 17					
12:15 pm - 1:15 pm	P5	PHTA DEMO - Start Your Engines (Well actually Water Chemistry)	Jody O'Grady		

SHOW FLOOR

Simpson Strong-Tie Show Floor Education   Booth #8555			
Tuesday, November 15			
Time	Code	Session Name	
11:00 am - 11:45 am	ST1	Decks Done Right Presentation Series: Footings, Posts and Beams	
12:15 pm - 1:15 pm	ST2	Decks Done Right Presentation Series: Resisting Rot, Decay and Corrosion	
1:15 pm - 2:15 pm	ST3	Decks Done Right Presentation Series: Dr. Decks	
2:30 pm - 3:15 pm	ST4	Decks Done Right Presentation Series: Ledgers	
3:30 pm - 4:15 pm	ST5	Decks Done Right Presentation Series: Lateral Connections, Joists, Railings and Stairs	
Wednesday, Novembe	er 16		
11:00 am - 11:45 am	ST6	Decks Done Right Presentation Series: Footings, Posts and Beams	
1:30 pm - 2:30 pm	ST7	Decks Done Right Presentation Series: Resisting Rot, Decay and Corrosion	
2:30 pm - 3:15 pm	ST8	Decks Done Right Presentation Series: Ledgers	
3:30 pm - 4:15 pm	ST9	Decks Done Right Presentation Series: Lateral Connections, Joists, Railings and Stairs	
Thursday, November 1'	7		
11:00 am - 11:45 am	ST10	Decks Done Right Presentation Series: Footings, Posts and Beams	
12:00 pm - 12:45 pm	ST11	Decks Done Right Presentation Series: Ledgers	
1:00 pm - 1:45 pm	ST12	Decks Done Right Presentation Series: Lateral Connections, Joists, Railings and Stairs	

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Spa Retailer Academy   Booth #5337				
Tuesday, November 15				
Time	Code	Session Name	Speakers	Sponsor
11:45 am- 12:30 pm	S1	Podium Presents: 5 Ways to Win Locally	Pat Johnson	Podium
1:45 pm - 2:30 pm	S2	Bullfrog: Secrets Spilled - The Tried-and-True Marketing Plan to Grow Your Retail Business & Spa Market	Jake Ricks	bullfrog
Wednesday, November 16				
11:45 am- 12:30 pm	S4	Podium Presents: 5 Ways to Win Locally	Pat Johnson	Podium
1:45 pm - 2:30 pm	S5	Ultralift Cover Lifters Presents Presents: Marketing & Merchandising: Blending Techniques to Increase Sales	Crystal Lengua	ULTRALIFT Cover Lifter Systems





Happy Hour - Wednesday, 1pm in the Booth Annual Meeting - Wednesday 9am Rm 108/109



Education

Deck Expo Offerings: REGISTER at NADRA.org

11/14/22 **Deck Evaluation Class.** 8 - 12

Presented By: Jim Mailey - Simpson Strong-Tie 11/14/22 Secrets to Build Predictable Profitable Growth 1-4

Presented By: Chris & Amy Breen – Legacy Decks Academy

NADRA provides 3 types of classes: In-Person, Live ZOOM Webinars, and Pre-recorded On-Demand. Visit NADRA.org to see a full list of



# National+ Neck Competition

NADRA recognizes and promotes excellence in the outdoor living & decking industry. Each year we celebrate and honor outstanding successes in the industry at a prestigious Industry Awards presentation & celebration. The 2022 National+ Deck Competition is now open. Stop by our booth #8344 to learn more!



Code Nevelopment Code Meeting:
Wednesday 10am - Room 108/109

NADRA has a very active and strong code committee. We are represented at all ICC hearings and have a common-sense approach to code.





**Booth #8774** part of the Deck Workshop

# Schedule

#### **TUESDAY, NOVEMBER 15**

R1	11:45 am – 12:00 pm	Ultralox Interlocking Technology
R2	12:00 pm - 12:15 pm	Branding Your Business By Dr. Decks and Wes Kain
R3	1:30 pm - 1:45 pm	Westbury Tuscany Aluminum Railing by Digger Specialties, Inc.
R4	1:45 pm - 2:00 pm	Westbury VertiCable Railing by Digger Specialties, Inc
R5	3:15 pm - 3:30 pm	Frameless Glass Railing Installation by Spartan Railing, LLC

#### WEDNESDAY, NOVEMBER 16

R6	11:45 am – 12:00 pm	Frameless Glass Railing Installation by Spartan Railing, LLC
R7	1:15 pm - 1:30 pm	Westbury Tuscany Aluminum Railing by Digger Specialties, Inc.
R8	1:30 pm - 1:45 pm	Westbury VertiCable Railing by Digger Specialties, Inc
R9	3:15 pm - 3:30 pm	Branding Your Business By Dr.Decks and Wes Kain
R10	3:30 pm - 3:45 pm	Ultralox Interlocking Technology

**Railing Showcase Sponsors** 







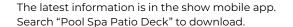




Transforming the Outdoor Living Experience™









# **DECK WORKSHOP**

# Booth #8774



**Lead Sponsor** 



To meet homeowners' expectations and code officials' demands, decks need to be more than just beautiful. Decks must be constructed safe and long lasting. Mike brings new deck construction demonstrations to this year's show covering a wide range of topics where novice workers can learn deck-building basics and seasoned builders can up their knowledge and construction techniques.

When you attend this clinic, you will:

- See how to secure guardrail posts to meet the new 2021 IRC requirements
- · Learn how to make a jobsite jig to automatically adjusts baluster spacing on site-built guardrails
- Find out how to fasten a deck ledger to a house using generic and proprietary fasteners and the important installation details often overlooked.

**Contributing Sponsors** 







#### Presenter: Mike Guertin

The only thing Mike Guertin likes better than building new homes is remodeling old ones. After 35 years tackling every facet of residential construction from excavation and foundations to interior finish work and tile setting, he's still challenged every day to find more-efficient ways to build things better.

Mike has led hands-on building clinics and classroom presentations at JLC LIVE, Remodeling Show and Deck Expo, International Builders Show, International Roofing Expo and other construction trade shows and events across North America for the past 23 years. Topics include roofing, siding, framing and deck construction, to kitchen remodeling, and high performance building. He's written 3 books, over 180 magazine articles for the Journal of Light Construction, Fine



Homebuilding, Professional Deck Builder and Tools of the Trade, and appears in dozens of videos. Mike works hard and plays hard so don't be surprised if you bump into him above 10,000 ft. hiking through a mountain meadow; kayaking coastal bays

or swift water rivers; or backcountry skiing in a remote forest.

#### **TUESDAY, NOVEMBER 15**

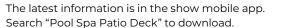
D1 10	0:45 am – 11:15 am	Deck Guardrail Code and Baluster Jig
D2 11	1:15 am – 11:45 am	Deck Guardrail Post to Frame Connections
D3 12	2:45 pm – 1:30 pm	Deck Joists: Sizing Wood & Engineered Lumber and Installation Details
D4 2:	2:30 pm – 3:15 pm	Deck Beams: Sizing Dimensional Wood & Engineered Lumber and Installation Details
D5 4	4:00 pm – 4:45 pm	Deck Lateral Load Reinforcement

#### **WEDNESDAY, NOVEMBER 16**

D7	10:45 am – 11:45 am	Deck Stairs 101
D8	12:30 pm – 1:15 pm	Deck Ledger Fastening: Codes and Install Practices
D9	2:30 pm – 3:15 pm	Deck Lateral Load Reinforcement
D10	4:15 pm – 4:45 pm	Deck Guardrail Code and Baluster Jig

#### **THURSDAY, NOVEMBER 17**

D13	10:45 am – 11:30 am	Deck Ledger Fastening: Codes and Install Practices
D14	11:30 am – 12:15 pm	Deck Joists: Sizing Wood & Engineered Lumber and Installation Details
D15	1:15 pm – 2:00 pm	Deck Beams: Sizing Dimensional Wood & Engineered Lumber and Installation Details



# Messaging tools for your business.

- Message customers.
- Convert leads.
- Process payments.
- **Get reviews.**





# We cannot wait to see you!

The Pool & Hot Tub Alliance could not be more excited to welcome you to Las Vegas for the PSP/Deck Expo.

This year's event will prove to be one of the strongest events you will ever experience and will include a rich lineup of cutting-edge education and special events that will allow us to celebrate our industry, be inspired, discuss challenges and opportunities, and build new relationships through various networking events. Not to mention the fact that you will be able to access the leading professionals in the pool and hot tub industry!

Please plan to stop by and visit your national association and GENESIS® at our booths #5158, #4558, and #4058 to learn more about the latest and greatest programs we have developed to propel your company to the next level, to include safety, mentoring, leadership training, and so much more!

PHTA is here to build professionals and your company! We continue to advance our mission every day and look forward to seeing you November 12-17, 2022!

See you in Las Vegas,





#### Saturday, November 12

#### 8:00 a.m. - 5:00 p.m. **PRE-CONFERENCE WORKSHOPS**

- Certified Maintenance Specialist Course
- · Certified Service Technician Course

#### Sunday, November 13

#### 8:00 a.m. - 5:00 p.m. **PRE-CONFERENCE WORKSHOPS**

- Concrete Pools (C201)
- Architectural Styles (D271)
- Drawing for Professionals (D180)
- Elements of Design (D211)
- Master Designer Methods (D265)
- Certified Pool and Spa Operator Course
- · Certified Maintenance Specialist Course
- Certified Hot Tub Technician Course
- Certified Service Technician Course
- 1:00 p.m. 5:00 p.m.

**Board of Directors Meeting** (by invitation only)

6:00 p.m. - 10:00 p.m. PHTA Board of Directors Dinner (by invitation only)

#### GENESIS' EDUCATE, CERTIFY, CONNECT. schedule is subject to change.













- Concrete Pools (C201)

#### 8:00 a.m. - 5:00 p.m. **PRE-CONFERENCE WORKSHOPS**

Pool & Spa Code

8:00 a.m. - 2:00 p.m.

8:00 a.m. - 3:00 p.m.

- Concrete Pools (C201)
- Architectural Styles (D271)
- Drawing for Professionals (D180)

Monday, November 14

**Board of Directors Meeting** (by invitation only)

PHTA | ICC Present the 2021 International Swimming

- Elements of Design (D211)
- Master Designer Methods (D265)
- Certified Pool and Spa Operator Course
- · Certified Maintenance Specialist Course
- · Certified Hot Tub Technician Course
- · Certified Service Technician Course

3:00 p.m. - 5:00 p.m. **PHTA Standards Symposium** 

5:30 p.m. - 7:00 p.m.

**PHTA Awards of Excellence Reception** 

8:30 p.m. - 9:30 p.m.

**PHTA Leadership Reception** (by invitation only)













#### Tuesday, November 15

7:30 a.m. - 8:30 a.m.

PHTA All Council/Committee Leadership Meeting

8:30 a.m. - 12:00 p.m.

PHTA Certification Testing (Session 1 of 2)

9:00 a.m. - 10:20 a.m.

**CEO Panel** 

10:30 a.m. - 5:00 p.m. **Exhibits** 

1:00 p.m. - 4:30 p.m.

PHTA Certification Testing (Session 2 of 2)

2:00 p.m. - 3:00 p.m.

**PHTA Manufacturer Council Meeting** 

3:30 p.m. - 5:00 p.m. **CPSA Board Meeting** 

4:30 p.m. - 5:30 p.m. **PHTA WAVE Reception** 

4:30 p.m. - 5:30 p.m.

**PSP/Deck Expo First Time Attendee Reception** 

5:00 p.m. - 7:00 p.m.

**PSP/Deck Expo Welcome Party** 

7:00 p.m. - 11:00 p.m.

Heritage Pool Supply Group Benefit Concert

#### Wednesday, November 16

7:00 a.m. - 8:30 a.m. **Breakfast of Champions** 

9:00 a.m. - 10:00 a.m.

International Hot Tub Association (IHTA) Meeting

10:00 a.m. - 11:00 a.m.

**PHTA Membership Committee Meeting** 

**PHTA Demo Zone** 

10:30 a.m. - 5:00 p.m. **Exhibits** 

11:00 a.m. - 12:00 p.m. **PHTA Service Council Meeting** 

12:00 p.m. - 1:00 p.m.

**PHTA Builders Council Meeting** 

1:00 p.m. - 2:00 p.m.

**PHTA WAVE Steering Committee Meeting** 

2:00 p.m. - 3:00 p.m.

**PHTA Retail Council Meeting** 

2:30 p.m. - 4:30 p.m.

**Technical Advisory Council Meeting** 

3:00 p.m. - 4:30 p.m.

**PHTA Chapter Forum Meeting** 

5:00 p.m. - 6:00 p.m.

**Manufacturer Agents Council (Networking)** 

5:00 p.m. - 7:00 p.m.

**Welcome Party** 

7:00 p.m. - 10:00 p.m.

**GENESIS® Family Reunion & Winemaker Dinner** 

#### Thursday, November 17

7:30 a.m. - 8:30 a.m.

**PHTA Manufacturer Agents Council Meeting** 

8:30 a.m. - 9:30 a.m.

PHTA Fiberglass Pool Manufacturer Council Meeting

8:30 a.m. - 9:30 a.m.

**PHTA Manufacturer Council Meeting** 

9:30 a.m. - 10:30 a.m.

**PHTA Commercial Council Meeting** 

10:30 a.m. - 2:30 p.m. **Exhibits** 

11:00 a.m. - 12:00p.m. **Drought Coalition Meeting** 



# **Events & Features**



#### **PHTA Awards of Excellence Reception**

November 14 | 5:30 p.m. - 7:00 p.m.

Join PHTA to celebrate the best of the best in the pool and hot tub industry.

PHTA Awards of Excellence Reception will be held at the Brahms Ballroom at the Encore Hotel and will honor the recipients of the 2022 International Awards of Excellence, one of the largest, most well-renowned design competitions in the pool and hot tub industry.

Additionally, we will recognize the recipients of the Builder of the Year, Retailer of the Year, Service Professional of the Year, Young Professional of the Year, Volunteer of the Year, and Chapter of the Year, as well as the recipient of the new Greg Garrett Award and our Step Into Swim donors.

Please plan to join us for this exciting event. Registration is free, but space is limited, so be sure to sign up in advance! Sign up at poolspapatio.com when you register for PSP/Deck

#### **WAVE Young Professionals Networking Reception**

November 15 | 4:30 p.m. - 5:30 p.m.

Join us at the Terrace at the Las Vegas Convention Center to meet and socialize with other young professionals in the pool, spa, and outdoor living industries.



Admission includes networking in a fun atmosphere, early access to the Welcome Party, and select appetizers and alcoholic and non-alcoholic beverages.

Open to all industry professionals under 40. Admission is free for members of PHTA, but registration is required, as space is limited. Reserve your ticket when registering for PSP/Deck Expo. For additional information, email wave@phta.org.

Sponsored by

FLUIDRA CHAYWARD LOU THOURNACH









November 14 | 8:30 p.m. - 9:30 p.m.

The PHTA Leadership Reception is our way of thanking our volunteers for the commitment and service they provided the association in 2022. We couldn't have done it without you. \*by invitation only



















## **Breakfast of Champions**

#### November 16 | 7:00 a.m. - 8:30 a.m.

The Pool & Hot Tub Alliance's Breakfast of Champions is a new relationship- and idea-building event that connects industry subject matter experts with a group of peers for a deep dive into solutions around a specific topic.

Choose one topic from dozens such as:

- · Trends in Outdoor Design
- Building A Strong Team Culture
- 10 Ways to Retain and Elevate Employees
- Sustainability in a Rapid Changing Industry
- · Shotcrete Placement Dos and Don'ts
- · Better Project Estimating for Better Profits ...and more!

Join an industry expert who will moderate a 90-minute discussion on the topic you select. A hot breakfast is included with your registration. This event is appropriate for company owners, managers, supervisors, HR, sales and marketing, and design staff. Topics are available in advance, but no advance sign-up is necessary as you will make your table selection upon arrival. This is a ticketed event and tables are first come, first served, so line up early! This is an event you won't want to miss, and one worth getting up for!

Breakfast Sponsored by



#### **PHTA Resource Center**

Like all of us, you've probably spent time on a website trying to find something you KNOW is there...only to exit the page frustrated. PHTA hears you. Our online Resource Center helps you find what you need when you need it. Whether it's research or toolkits, logos or resources, our Resource Center not only has it...but you'll be able to easily find it.

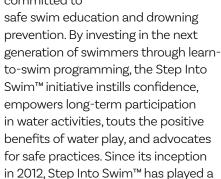
#### **Mentor Program**

PHTA has launched the Mentor Match Program, where an experienced PHTA member (the mentor) works with a PHTA member in good standing (the mentee) who desires additional professional knowledge, expertise, or guidance. The program is designed to connect members at different levels of their career, creating mutually beneficial relationships to enhance the participants' professional and personal development. Through the mentoring

process, the mentor will guide, support, answer questions, and share experiences and known opportunities with the mentee.

#### Step Into Swim

Step Into Swim™ is an initiative of the Pool & Hot Tub Alliance committed to



role in reducing drowning fatalities and

has gifted swim lessons to more than

285,000 children with support from

community organizations, partners, industry advocates, members and more. Stop by the Step Into Swim kiosk in PHTA booth #5158 to meet 3 time Olympic gold medalist Rowdy Gaines, who also oversees the initiative, to learn more about the program that is making waves.

#### myPHTA Online Community

The myPHTA online community is a place that empowers our members to build and expand their networks. Communities are more important than ever, in all aspects of our lives... and myPHTA lets you connect with your peers about the things that are important to you and your business. At myPHTA we'll celebrate victories and troubleshoot challenges. We look forward to connecting with you. Visit my.PHTA.org to get started today.

#### **PHTA Standards Update**

PHTA's standards team has been busy this year! The following new standards have been published:

- · PHTA-10 on elevated pools
- PHTA-15 on residential pool and spa energy efficiency

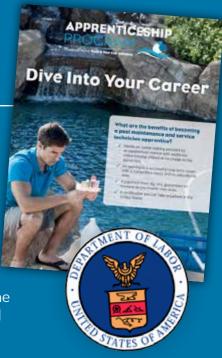
Additionally, the following standards are being revised:

- PHTA-2 on public pool and spa operations and maintenance
- PHTA-16 on suction outlet fitting assemblies (SOFAs)

## **Pool Maintenance and** Service Technician **Apprenticeship Program**

The PHTA Registered Pool Maintenance and Service Technician Apprenticeship Program™ is a nationwide program, registered by the U.S. Department of Labor (USDOL), that provides a career path for individuals interested in our industry. Through this program, individuals will learn the skills and competencies needed to have a successful career in the pool and hot tub industry while employers recruit, build, and retain a highly skilled workforce.

If you are having trouble finding employees, are challenged by high turnover, or have difficulty training staff with relevant skills, you are the ideal candidate for this program. Visit booth #5158 to learn more and to sign up.



# **PHTA Certified Pool Builder & Design Professional Pathway**



There are four levels of certification:









The PHTA Certified Pool Builder & Design Professional Pathway is an education and certification career pathway designed to build on your foundation of knowledge so that you can become a Certified Master Pool Builder & Design Professional.

This certification sets the standards of excellence for professional builders and offers third-party validation of your

Sign up today for the pre-conference courses or visit the GENESIS® Solution Center in the exhibit hall at booth 4558. See the conference schedule on page 3 for classes and times.















45 44

#### PHTA STRATEGIC PARTNERS

















## THANK YOU GENESIS® SPONSORS

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KEEP UP TO DATE FOLLOW US ON











Visit us at the PSP Expo, Las Vegas, Booth #6947

Thermals<sup>\*</sup>

#### **BEST NEW PRODUCT**

#### **BEST NEW PRODUCT**



#### **AquaStar Pool Products**

CATEGORY: BEST NEW PRODUCT - EQUIPMENT PAD

Pipeline Filters are designed with safety and performance in mind. Our patented double-locking system allows you to safely open the lid, even under pressure. They deliver top-tier hydraulic efficiency along with best-in-class filtration performance. Capable of outperforming cartridge filters twice their size hydraulically and in cleanability.

Pipeline Filter





#### **Natural Current**

CATEGORY: BEST NEW PRODUCT - EQUIPMENT PAD

The SunRay Hybrid Solar Pool Pump is, quite literally, the easiest way to make the biggest impact, both in your bank account and the environment. This revolutionary off-the-grid pump runs right off the power of the sun, helping you ditch your reliance on power companies and soak in all the unlimited rays that our beautiful star has to offer. The best part is you can circulate and filter your pool all day long for FREE!

SunRay Hybrid Solar Powered Pool Pump





#### Raypak

CATEGORY: BEST NEW PRODUCT - EQUIPMENT PAD

Stop sacrificing durability for efficiency with our new AVIA HD models that utilize our exclusive, industry first technology, NiTek. NiTek Heat Exchanger Technology is Raypak's latest solution to superior strength and maximum efficiency when it comes to residential pool heating. With 900% more nickel compared to cupronickel in critical surfaces, NiTek creates an ideal surface to protect against scale formation and erosion resistance, without compromising on AVIA's 84% thermal efficiency. Learn more at Raypak.com/NiTek.

NiTek



Visit the Product Showcase, booth #4022, to see all of these products and VOTE on your favorites. Voting is only on Tuesday, November 15 and Wednesday, November 16.

#### **UltraPure Water Quality, LLC**

CATEGORY: BEST NEW PRODUCT - EQUIPMENT PAD

Introducing BlueForce

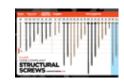
BlueForce O3- Ozone Generators designed for performance, longevity and ease of maintenance. Available for pools up to 85,000 gallons. Featuring available lamp life numeric timer and lamp change in less than 5 minutes.

BlueForce UV- Our all new UV system for pools up to 40,000 gallons. Featuring integrated numeric lamp life timer and easy to change UV lamp. Remote power supply for peace of mind.

Package together for AOP benefits and cost savings







#### **CAMO**

CATEGORY: BEST NEW PRODUCT - OUTDOOR LIVING

CAMO® introduces a full line of high-performing, code-compliant structural screws for deck, framing, and general construction needs. The screws are engineered to start fast, drive smooth, and hold strong. They are IBC and IRC code-compliant, third-party tested, and certified by DrJ. They have published technical evaluation reports for general screw properties and specific applications. Screws feature our industry-leading PROTECH Ultra 4 coating that provides ultimate corrosion protection, tested 2X longer than the industry standard.

Code-Compliant Structural Screws





#### **Coral Smart Pool**

CATEGORY: BEST NEW PRODUCT - OUTDOOR LIVING

Meet MYLO, the world's first virtual lifeguard for residential pools. This latest innovation to the pool industry gives peace of mind to pool owners with its 24/7 Smart Pool Al Monitoring Technology. Features a patented Underwater Computer Detection Camera that provides a real-time video of the pool with advanced Al 24/7 monitoring to notify and alert BOTH on pool entrance and also drownings incidents. MYLO is THE best solution for pool protection on the market!

MYLO - the world's first virtual lifeguard for residential pools



#### **BEST NEW PRODUCT**





#### **EdgeMate Pool Chair**

CATEGORY: BEST NEW PRODUCT - OUTDOOR LIVING

The one-of-a-kind EdgeMate Pool Chair takes the in-pool seating experience to a whole new level. Inspired by people with disabilities, EdgeMate is intended for all, literally, having been designed and tested to hold swimmers of any size. EdgeMate is compatible with most in-ground pools and offers not only comfort and stability, but the convenience of being in the water, while staying close to those must-haves outside it. Relax . . . you're in an EdgeMate.

EdgeMate **Pool Chair** 





#### **Outdoor Fire Concepts**

CATEGORY: BEST NEW PRODUCT - OUTDOOR LIVING

Bluetooth Controlled Battery Powered Electronic Ignition System. Can be used with Natural Gas or Propane and can supply a maximum of 290,000 Btu/hr. Powered by 3AA Batteries housed in a Waterproof Battery Pack. Bluetooth range (line of site) 100' +/-

Bluetooth Controlled **Battery Powered** Electronic **Ignition System** 





#### Millboard Distributed by Outlive

CATEGORY: BEST NEW PRODUCT - OUTDOOR LIVING

Introducing Millboard - the only composite that looks and feels like real wood, with more durability and longevity, and less maintenance. Each board is hand-molded from real oak to mimic the uniqueness of natural timber, but is engineered to offer unmatched performance. The polymer resin construction does not deteriorate like natural wood, while the unique surface provides exceptional slip-resistance, even when wet, making it ideal for decks, docks, pathways and a variety of other applications.

Millboard





#### **Poly-Planar**

CATEGORY: BEST NEW PRODUCT - OUTDOOR LIVING

FS-1

- · Waterproof Pool floating speaker that fills the backyard by using the pool water to amplify the sound
- · Wireless Bluetooth streaming with built-in Wi-Fi for multiple speaker connection
- · Induction charging (cable included)
- · Great add-on or way to say Thank you to your new customers
- · Great price point at only \$349.95 Retail





#### **OnDeck Waterproofing**

CATEGORY: BEST NEW PRODUCT - OUTDOOR LIVING

The OnDeck system is the world's most simple wearable surface waterproofing. Our elegant, cementitious system, backed by the science of Basecrete, can be applied horizontally and vertically on decks, patios, parking garages and much more, providing flexible and waterproof finishes. It can be applied with roller, trowel, hopper gun, or squeegee and can be finished textured or smooth from feathered edge up to 2" lifts. 10 colors. Miami/Dade certified NOA. Balcony and rooftop certified.

OnDeck Waterproofing System





#### Water Tech

CATEGORY: BEST NEW PRODUCT - OUTDOOR LIVING

Cordless and hoseless, with versatile top-side and bottom skimming, the Volt Leaf Vac Recharge features the same Water Tech quality pool owners can rely on, now enhanced with new technology for increased convenience and functionality. It has been outfitted with a waterproof, rechargeable lithium-ion battery and well as a smart water sensor that detects when the unit is in or out of water, automatically turning it on and off to save battery power and time.





#### **BEST NEW PRODUCT**

#### **BEST NEW PRODUCT**



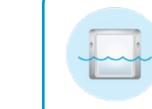
CATEGORY: BEST NEW PRODUCT - OUTDOOR LIVING

When it comes to composite decking fasteners, SPAX's engineered composite deck screws promise not only exceptional holding power but a picture-perfect finish in seven colors. Our color-match composite deck screws offer a host of other features as well that will save you time and provide your clients a deck of enduring structural integrity and beauty.

SPAX composite decking screws also feature the ideal fastener length for use with standard 1" and 2" nominal thickness boards.

SPAX Composite **Deck Screws** 





#### **Kona Labs**

CATEGORY: BEST NEW PRODUCT - POOL CONSTRUCTION

The LevelSmart™ Wireless Autofill is the most dependable autofill solution for your pool, spa, pond, tank, or water feature. LevelSmart is a simple retrofit for any application. The American made quality ensures that it is the most reliable autofill on the market. Eliminate the chore of filling your pool manually and let the LevelSmart™ Wireless Autofill maintain your desired water

- 1,000 feet of wireless communication
- · Simple retrofit installation
- · Maintains desired water level
- · Over-fill protection







#### **Aqua Technics Pools**

CATEGORY: BEST NEW PRODUCT - POOL CONSTRUCTION

Graphene Nano-Tech is a revolutionary process infusing graphene into every Aqua Technics pool. Graphene is the strongest material known to man and we have incorporated this nano-material to create our strongest pool ever built. With high-performing flexural strength, the pool is lighter, stronger and built like no other pool before. This ground-breaking, patent-pending manufacturing process is the next generation of fiberglass pool technology.

Graphene Nano-Tech





#### **Meridian Tile**

CATEGORY: BEST NEW PRODUCT - POOL CONSTRUCTION

Tired of the time and expense of pouring tabletops in place? Our new system means a perfect table every time while eliminating all of the problems.







#### CamerEve

CATEGORY: BEST NEW PRODUCT - POOL CONSTRUCTION

Smarter Construction monitoring, alarm inspection and pool safety is now available with CamerEye. Unlike traditional monitoring cameras and outdated pool alarms, CamerEye is the most complete Al-camera safety system built for the pool industry to monitor, detect and alert on what matters most - both on jobsites and for customers' pool safety after construction is complete. Save time and money, improve job safety and quality control, reduce liability, and provide peace of mind with CamerEye.

CamerEye



CAMEREYE



#### **Stegmeier LLC**

CATEGORY: BEST NEW PRODUCT - POOL CONSTRUCTION

Tear Away Plumb Strip are PVC corners strips used to square the top edge of a fiberglass pool (one piece) in preparation for setting a Cantilever Form. Tear Away Plumb Strips are installed using double faced tape and self-tapping screws. Once the concrete is poured and the form is removed you can easily grab the exposed PVC below the concrete bend out away from the pool wall and tear away the PVC strip.

Tear Away Plumb Strip



#### **PRODUCT SHOWCASE**

#### **BEST NEW PRODUCT**

#### **BEST NEW PRODUCT**



#### The Pool Fence Warehouse

CATEGORY: BEST NEW PRODUCT - POOL CONSTRUCTION

New to market is the A Safe Pool door and window alarm. This device is required for code in many jurisdictions across the country to pass final inspection. It is the only door alarm on the market that illuminates as well as sounds an audible alarm. The light stays on permanently when the battery is at 20% or less capacity to let you know it's time for a new battery so the unit doesn't fail.

Door/Window Alarm





#### **Clearwater Pool Systems**

CATEGORY: BEST NEW PRODUCT - SERVICE INDUSTRY

Powered by CO2 injection, maintaining pH & Total Alkalinity has never been easier. No more suffering with the pH bounce that comes from weekly visits. You're using CO2 whether you realize it or not as acid + sodium bicarbonate = CO2.

pH Pure eliminates acid demand for lowering the pH and allows all sanitizers to be more effective. HOCI (Hypochlorous Acid) is reduced from 66% active at 7.2 pH to 33% active at 7.8 pH

pH PURE





#### Fibalon GmbH

CATEGORY: BEST NEW PRODUCT - SERVICE INDUSTRY

German made & proven successfully 8 years in Europe. Hi Tech alternative to standard filter cartridges, DE & sand. Lasts longer, cleans easier, saves time, money & water. With the environment in mind, made from normal pop bottles and completely recyclable.







#### Spa Electrics Inc.

CATEGORY: BEST NEW PRODUCT - SERVICE INDUSTRY

The Spa Electrics Retro R10 is a low-voltage LED retrofit pool light, designed to replace existing 10" pool lights in both temperate and cold climates. Its innovative patent-pending universal CAM-LOCK system and UL-listed, quick-connect power plug significantly reduces installation time and effort by removing the need to replace the power cable, and in turn maintenance costs.

Retro R10



#### **Ultimate Pool Tools**

CATEGORY: BEST NEW PRODUCT - SERVICE INDUSTRY

The Hyperclip features as a replacement clip for pool and spa vacuums, brushes, leaf rakes/ nets, and power vac's. The Hyper clips are made out of 316 stainless steel. The Hyperclip comes in quantities of 3 per package.

#### Product features:

- · 316 Stainless Spring Steel
- · Corrosion resistance
- · Solid buttons

Hyper Clip



ULTIMATE POOL TOOLS



#### Aristech Surfaces. Now Part of Trinseo.

CATEGORY: BEST NEW PRODUCT - SPA RELATED

AVONITE Flex is a patent-pending surface formulation that combines the luxurious look and feel of matte stone with the functionality of thermoformable resin. The result? An innovative material, ideal for hot tub and swim spa liners. In addition to Pure Alabaster 8701 and Alabaster Wave 8705, we now introduce Pure Ebony 8702. Modern and unique, this rich black is one of the latest bold trends for premium finishes in hot tub applications.

**AVONITE** Flex in Pure Ebony 8702



Now Part of Trinseo



#### inSPAration, Inc.

CATEGORY: BEST NEW PRODUCT - SPA RELATED

Mask those unwanted chlorine and chemical odors in your store while presenting your inSPAration in an Elegant way with our new Black Coconut Sands Aromatherapy! This Display Holds 6 Bottles of Aromatherapy Liquids, a case of 36 Pillow Packets and an inSPAration Misting Diffuser. Only takes up to 1sq. ft. of counter space to maximize productivity.

**Misting Counter** Display Kit w/ **Black Coconut** Sands







#### **BEST NEW PRODUCT**



#### **Poolmaster**

CATEGORY: BEST NEW PRODUCT - SPA RELATED

For the basketball enthusiast in the family or for any NBA superfan, this licensed chlorine dispenser adds fun to any pool or spa surface while providing the functionality of dispensing chlorine. This custom-molded basketball with engraved logoman design and is made from all-weather polyethylene. The telescopic dispenser twists-off easily and holds up to 3" chlorine tablets. The adjustable chlorine-control ring helps you provide just the right amount of chlorine to be dispensed into the water

**NBA Basketball** Chlorine Dispenser





CATEGORY: BEST NEW PRODUCT - SPA RELATED

Come by and grab a sample of our new Spazazz Rx Therapy & Spazazz Spa Lab Infused with CBD Crystals aromatherapy spa

Spazazz Rx Therapy & Spa Lab Infused with CBD Crystals





#### The Spa Dragon

CATEGORY: BEST NEW PRODUCT - SPA RELATED

The Spa Dragon is a back up heating and early warning system in the event your hot tub or swimspa malfunctions during winter that will help prevent freeze damage and notify you it has been activated. The Spa Dragon also lets spa owners change their water regardless of outside temperatures and allows for delivery of hot tubs and swimspas in cold weather.

The Spa Dragon



Visit the Product Showcase, booth #4022, to see all of these products and VOTE on your favorites. Voting is only on Tuesday, November 15 and Wednesday, November 16.



#### **Natural Current**

CATEGORY: BEST IN SHOW - EQUIPMENT PAD

Four Seasons Pool Heater - Radiant Thermal Water Heater System -

It is one of the biggest innovations in heating pool water since the discovery of fire! The only moving parts are H20 and electron-charged nanoparticles from AC or DC electricity inputs. Four Seasons Water Heater heats all day long for free from the Sun (8+hours) with an optional grid-tie hybrid setup for night 24/7 heat generation and stabilization. Hot Water Rise 104°+ Max 130°

Four Seasons **Pool Heater** - Radiant Thermal Water Heater System

**BEST IN SHOW** 





#### ZIKA MIST SYSTEMS/Q,P,A,

CATEGORY: BEST IN SHOW - EQUIPMENT PAD

QUALITY PURE AIR, MODEL QPA-G08 THE BEST EOUIPPED STATE OF THE ART AIR PURIFIER. WITH IONIZER, UV LIGHT, HUMIDIFIER, DC MOTOR, HEPA 13 MEDICAL FILTER, CARB CERTIFIED, MEETS UL 2998,CLEANS 1500 SQ, FT, 2-1/2 TIMES PER HOUR ON 4th **SPEED** 

**OUALITY PURE AIR** INC.





#### Regal Ideas

CATEGORY: BEST IN SHOW - OUTDOOR LIVING

Spend your summer evenings relaxing outside with the calming ambiance of Regal ideas. Whether its the tranquil Regal LED lighting system or the breathtaking clarity of CrystalRail, your deck and outdoor space will become your favorite place to relax. Simply plug-and-play, with no hard wiring or splicing of cables required. The low-voltage, energy efficient system will create timeless moments all year round.

Regal ideas

Regal ideas

#### **BEST IN SHOW BEST IN SHOW**



#### **ZIPLEVEL / Technidea Corporation**

CATEGORY: BEST IN SHOW - POOL CONSTRUCTION

The Revolutionary ZIPLEVEL® PRO-2000 Replaces Rotary Lasers as the World's Fastest, Easiest Level. Now, you can unpack in two seconds, and truly work alone with paper-thin precision over unlimited ranges without line-of-sight, distance error, factory calibration or math and pack up in under five seconds. Uses: estimating, bidding, excavating, grading, tiling, coping, negative-edge, and drainage. Easy, Fast, Rugged, Powerful, Proven, and Made in the USA. Cut costs, boost profits, and join the measurement revolution.

ZIPLEVELPRO-2000 High Precision Altimeter





#### **Pivot-Solar Breeze**

CATEGORY: BEST IN SHOW - SERVICE INDUSTRY

Pivot how you clean pools! Ariel by Solar-Breeze is a solarpowered pool skimming robot that intelligently navigates the surface of a swimming pool to skim off large and micro-sized debris. With an advanced solution like Ariel in your customer's pools, you'll spend less time at the pools you service, improve customer relations, and increase your bottom line. Plus, pool owners will enjoy a constantly swim-ready and healthy pool, and lower energy bills.

Ariel by Solar-Breeze





#### **Cyclone Filter Tools**

CATEGORY: BEST IN SHOW - SERVICE INDUSTRY

Have you ever struggled to clean your pool cartridge filter? If so you're not alone, it's a real pain to get it clean. The Cyclone is the ultimate filter cleaning solution.

Key Benefits:

- It saves time and reduces strain on your back!
- · Deep cleans in between filter pleats
- · Compact and convenient for transport and storage
- · Runs off water pressure from garden hose
- · Environmentally friendly Extends the life of filter elements
- · Promotes more timely cleaning

The Cyclone Cleaning





#### **Ultimate Pool Tools**

CATEGORY: BEST IN SHOW - SERVICE INDUSTRY

The 3X17/HyperPole features an extended length of 206.5"" (17 ft.) and a collapsed length of 82.25"". This product is made of three pure 3K Twill Carbon Fiber weave pole sections, a stainless-steel tool end HyperDrain/Fill fitting, mass air transfer hand grip, and two right angle compression speed clamps that allow for rapid length selection.



- Reduces user fatigue while increasing productivity

3X17 Hyper





#### **Industrial Test Systems**

CATEGORY: BEST IN SHOW - SERVICE INDUSTRY

The NSF/ANSI 50 L1 Certified Pool eXact® EZ photometer delivers 10 pool water parameters with lab quality results! Most tests with the Pool eXact® EZ photometer use our patented eXact® Strips, a quick and easy reagent system for analysis. Simply dip an eXact® Strip Micro into the water sample for 20 seconds using a simple back-and-forth motion, discard the strip, and read the results instantaneously!

Pool eXact® **Professional** Test Kit





#### Aqua Comb / Mi-Way, Inc.

CATEGORY: BEST IN SHOW - SPA RELATED

Agua Combs come in 2 styles that clean spa, pool and hot tub cartridge filters in 3-5 minutes using less time and water.

It attaches to a hose and the Aqua Comb combines a 3" wide powerful water spray with a comb that opens the filter pleats and cleans the side walls, allowing the water to remove all the built-up debris.

Agua Combs are 100% made in the USA!

Pool & Spa Aqua Combs



#### **BEST IN SHOW**



#### **Clear Comfort**

CATEGORY: BEST IN SHOW - SPA RELATED

Clear Comfort's AOP now fits perfectly in all portable spas, swim spas and lifestyles. Powered by a patented Hydroxyl-Based AOP sanitation, the CCW25 delivers the easiest path to the best and healthiest spa and swim spa water. Designed for simplicity, the CCW25 delivers low-touch water care without toxic chemical handling after every use and 1-minute annual system maintenance. The CCW25's full-flow treatment minimizes chlorine. bromine and other toxic chemicals to healthier levels than drinking water.

CCW25 AOP Spa Sanitation





#### **Bullfrog Spas**

CATEGORY: BEST IN SHOW - SPA RELATED

With its reimagined A Series line, Bullfrog Spas introduces the all-new Model A7D. This premium dual-lounge spa is rich in features, including the JetPak Therapy System for personalized therapy, with new JetPaks for 2023. Additional features include multi-functional auxiliary controls, Simplicity filtration, app connectivity, ergonomic headrests, push-button waterfall, and more, all in a stylish new design. The A7D offers an ideal seating layout for couples who prefer full-body therapy and appeals equally to families.

Model A7D



Visit the Product Showcase, booth #4022, to see all of these products and VOTE on your favorites. Voting is only on Tuesday, November 15 and Wednesday, November 16.

# NADRA HAPPENINGS

**NADRA EDUCATION • REGISTER AT NADRA.ORG** 8AM - 12PM, Deck Evaluation & Inspection 1PM - 4PM, Start with the end in mind (By: Legacy Decks Academy) REGISTER AT NADRA.ORG

**WELCOME PARTY** (TUE) 5PM - 7PM, West Hall Terrace (Upstairs) Mingle, Food & Drink- Registration is required, and is included with all NADRA education registrations!

**NADRA ANNUAL MEETING** (WED) 9am in room # W108-109

> NADRA CODE MEETING 10am in room # W108-109

#### **HAPPY HOUR WITH NADRA**

1:00pm until the beverages run out! Join us in the NADRA booth (#8344) to meet fellow members and industry friends!

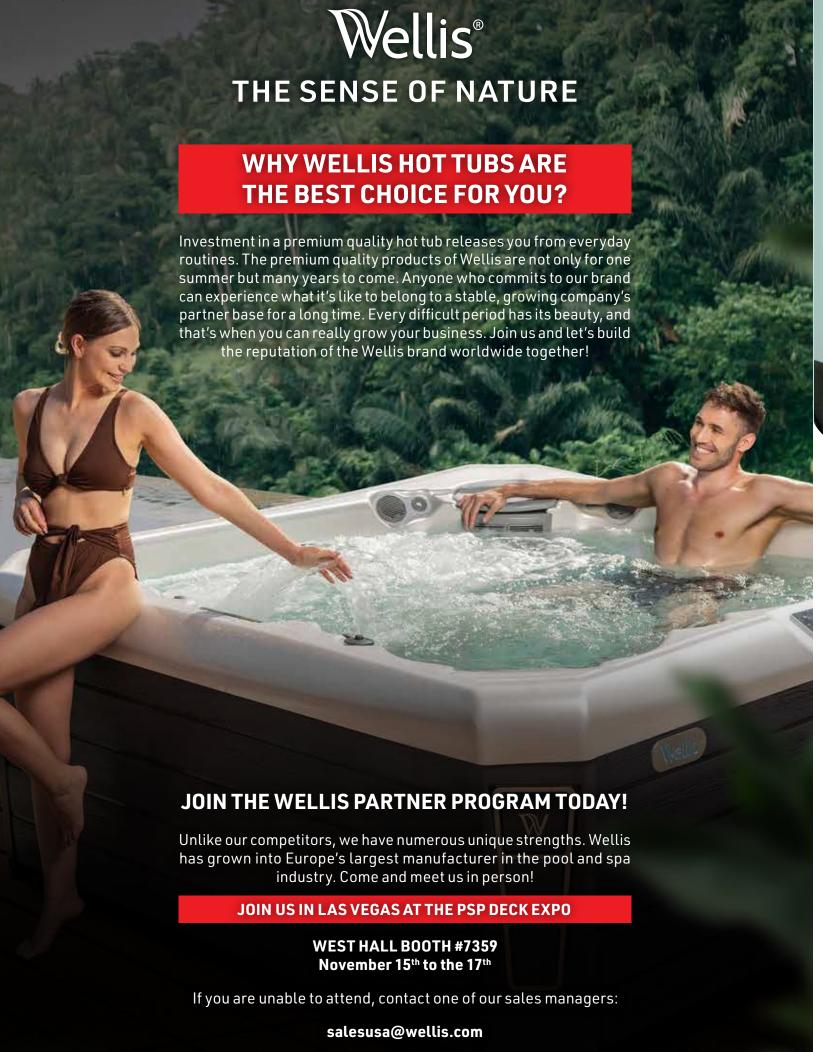




# **FLOOR PLAN**

- = Show Floor Education
- = Show Floor Features







## Go to the Platform



#### CONNECT

Connect with key decision makers



#### **PLAN**

Plan your time during the three show days for maximum impact and value



#### **RECEIVE**

Receive expert matchmaking assistance from the dedicated meetings team



As part of your registration for the event, you will automatically gain access to **PSP/Deck+**, a Matchmaking Platform, and free resource to help you navigate the show and prepare your visit.

The platform allows you to seach the database and find contacts specific to your requirements.

- Send invites and arrange meetings
- Receive meeting invitations from potential new suppliers
- Take meetings on exhibitor booths or in the dedicated Matchmaking Lounge - booth #3942
- Receive a meeting schedule with details of your meeting partners
- On-site text and email reminders along with support from the on-site concierge

The latest information is in the show mobile app. Search "Pool Spa Patio Deck" to download.





## **Pool Pros Being Hit** with New Levels of Regulation, Compliance

Strict, new energy and entrapment codes are being adopted nationwide by localities. That means pros must take it upon themselves to find out what's required—or face the penalties.

Bv: Garv Thill

EDITOR'S NOTE: This article first appeared in Pool & Spa Professional, the official media brand of the International Pool | Spa | Patio Expo $^{TM}$ , co-located with Deck Expo..

As pool season kicks into high gear, pool and spa pros need to prepare themselves for a new level of regulation that will likely make construction more difficult and costly—especially for builders who don't know or follow codes.

"There's going to be more local regulation than we've ever seen," said Terry Brannon, faculty chair PHTA/GENESIS engineering and construction. "In the past, we could submit plans on the back of a paper sack and get a permit. But it's going to be tougher and tougher starting in the metros and going out to the cities."

The two areas that Brannon said compliance officers are especially focusing on are new energy and entrapment codes.

But some of the codes are voluntary until adopted by local jurisdictions and may be adopted in whole or in part. That means what may be allowed in one city, may not be the same in a suburb just around the corner.

"They need to go to city hall and find out what has locally been adopted," Brannon said.

Pros also need to prepare to pay more in compliance fees because some jurisdictions require third-party independent inspectors. Brannon said he's already seeing that practice in Austin, Texas, and he expects it to expand to other cities. He said such inspectors can add around \$1,500 in extra fees to the cost.

He added that compliance officers are becoming stricter about what they allow in a finished product. And pros run the risk of having to "spend tens of thousands" redoing pools that aren't built to code. "I have seen inspectors require ripping out the main drain for being off 1/4 inch," he said. "There's



inspectors out there who live for the day when they can make a contractor do things over."

Failing to comply could also lead to lawsuits from homeowners, Brannon warned. "My first piece of advice is to take the classes, which are offered by dozens of organizations," he said. "But they need to get educated, because what they don't know can hurt them."

Knowing the building codes related to deck construction can give builders a competitive advantage on pricing, according to Glenn Matthewson, the president of BuildingCodeCollege.com.

"When you learn the code for yourself, you learn all the things that you're actually allowed to do," Matthewson said in his Pool Spa Pro Influencer interview. He added that learning building codes around decks can help builders adjust costs that are passed on to consumers. "The code is minimum standard of safety and maximum allowable freedom, and that's a good reason to learn it."

The energy standards fall under ANSI/APSP-15a, PHTA's companion code to the new U.S. Department of Energy (DOE) regulations, which went into effect July 19, 2021, according to Brannon's teaching materials.

#### The code:

- · Applies to residential and not to commercial pools. (The federal law applies to public & private pools)
- · Applies to 1.0 to 5 total Hp pumps (Federal law applies to 1.15 Hp pumps up to 5.0 Hp)
- · Applies to the pool filtered circulation pumps (or spa, if spa is circulated and filtered independent of pool).
- · Does NOT apply to auxiliary pumps for water features, spas on combined pool/spa systems, fountains, slides or any other water feature pump.

Key provisions of the code require that pool filter pump motors with a capacity of 1.0 total horsepower (THP) or greater shall have the capability of operating at two or more speeds with the low speed having a rotation rate no more than one-half of the motor's maximum speed, Brannon's materials outlined.

The following pumps comply:

- · Variable speed pump complies with this provision.
- Two speed pumps with high speed of 3450 rpm and low speed of 1700 rpm comply with this provision.
- · Two horsepower single speed pump does not comply with this provision.

The code also applies to heaters:

- · Gas fired pool and spa heaters shall not be equipped with constant burning pilots.
- · Heaters shall have readily accessible on/off switch mounted on the outside of the heater.
- · Electric resistance heat shall not be used except for inground spas with insulating covers. (Exceptions offered for solar heat or recovered energy)
- Gas fired heaters shall have efficiency of at least 82%
- · Heat pumps shall have minimum coefficient of performance (COP) of 4.0

On the entrapment side, Brannon's materials said there's the ANSI/APSP-7 and -16 codes. These consolidate the original VGB (Swimming Pool & Spa Act of 2007) and the referenced ASME A112.19.8 and extends application to residential pools.

Specifically, the code prohibits the manufacture, import, sale or distribution of noncompliant code covers with fines up to \$1.825 million for violation.

Manufactured Suction Outlet Fitting Assembly (SOFA) requirements:

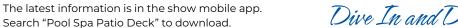
- The SOFA must be installed as directed by the manufacturer in ANSI/APSP-7 2013 (2020 rev)
- · SOFA's (except for some unblock able SOFAs in some states) must be installed in minimum of TWO, EACH capable of 100% of the connected pump(s) flowrate.
- Flow through the SOFA with all attached pumps functioning at full speed (applies equally to variable speed and two speed pumps) must not exceed the manufacturer's certified flow rate for the SOFA.

#### Author bio:

Gary Thill is a nationally recognized independent writer, editor with an extensive writing and editing background in the residential and commercial construction sectors. He produced the Remodeling Big50 for five years, served as editor of the Replacement Contractor e-newsletter for five years and has contributed regularly to Remodeling and other construction-focused publications for several decades. He lives and works in Portland, Oregon.

#### About Pool & Spa Professional:

Pool & Spa Professional provides backyard solutions for builders, retail and service professionals. Pool & Spa Professional is a digital extension of the International Pool | Spa | Patio and Deck Expo. Both PSP/Deck Expo and P&S Pro are Informa Markets brands.





# THE EXPO HALL

#### **Hours**

Tuesday, November 15 10:30 am - 5:00 pm

Wednesday, November 16 10:30 am - 5:00 pm

Thursday, November 17 10:30 am - 2:30 pm The Expo Hall is THE place for pool, spa, patio, decking, and outdoor living professionals to discover and source the latest products and services while further developing professional and technical skills.

- Connect directly with manufacturers and suppliers
- Learn about the latest innovations and technologies driving the industry
- Attend educational sessions and experience live product demonstrations
- Purchase the products and services you need for your business

# Where inspiration meets action



#### **100S OF VENDORS**

The volume and variety of vendors at PSP/Deck Expo allows you to gather product information, see the newest products and services available, and source new suppliers.



#### **SHOW FLOOR EDUCATION**

The education on the show floor offers seminars for commercial operators and residential professionals. Free to attendees, seating is available on a first-come, first-serve basis.



#### MILLION DOLLAR POOL DESIGN CHALLENGE

Based on a fictitious scenario, designers create an ultimate outdoor oasis with a million-dollar budget.

The 5 finalists will be presenting their projects during the presentation.

WEDNESDAY, NOVEMBER 16 // 1:30 PM - 2:30 PM PSP/Deck Expo Stage, Booth #7173



#### **PRODUCT SHOWCASE**

Visit the product showcase to discover the latest innovations and technology in the market all in one place.

Plot out the PSP/Deck Expo vendors you want to chat with by creating a planner account.



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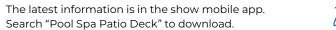
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# About us

Jilin Test Bio-Electron Co., Ltd. is an enterprise focusing on the field of fast testing for healthy life. Our water testing products have a wide range of applications, covering environmental protection, disinfection, medical, food, aquariums, swimming pools, industrial water and other fields.

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- **⊘** SIMPLE
- AFFORDABLE
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