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President's Report

Vahan Margaryan CPD, GPD President

Hello, fellow ASPE LA members,

I hope this message finds you well.

I recently returned from an overseas vacation and truly appreciate your support while I was away. As we approach the beginning of the school year, I hope everyone can find a little time to step away, recharge, and enjoy a well-deserved break with family and friends. I would also like to extend a

heartfelt thank you to Thura for leading our July meeting, and to everyone who participated and continues to support our Chapter.

Our fishing trip is scheduled for August 14, and the event flyer is now available. This will be a wonderful opportunity to connect with fellow members, enjoy the outdoors, and participate in a fun Chapter activity. Anyone interested in joining is encouraged to review the flyer and contact Gabriel Starkman to

Continued on page 4

AMERICAN SOCIETY OF PLUMBING ENGINEERS LOS ANGELES CHAPTER

August 12, 2026, Meeting
“Gas Regulator Venting”
By Mr. John Bird
Western Regional Manager
Equipment Controls Company

WHAT YOU WILL LEARN:

The presentation will cover the following topics, with time for questions:

- Understanding Gas Codes and Application
- Understanding Line Pressure Regulators
- Standards, Certifications, Codes
- Regular Venting
- Integral Vent Limiting
 - (Vent Limited Regulators)

MEETING LOCATION:

In Person:

COURTYARD BY MARRIOTT BURBANK
2100 W EMPIRE AVE, BURBANK, CALIFORNIA 91504

MEETING SCHEDULE:

5:30 pm – Check in

6:30 pm – 7:30 pm – Presentation

COST: Pay at door only

Meeting Fee:

RSVP - \$55 and Retired BOD: \$30

Without RSVP - \$60

RSVP Online:

RSVP

By: August 12, 2026

THE SPEAKER:



John Bird:

- John Bird is the Western Regional Manager for Equipment Controls Company, a North American Master Distributor of Gas equipment. Mr. Bird has been directly involved in the gas industry since 2009 and has worked with Engineers, Contractors, Inspectors and suppliers of products related to the safe and efficient operation of gas systems.
- Mr. Bird is based in Salt Lake City, Utah.

If you have additional questions or need information on his presentation, you can reach him at: jbird@equipmentcontrols.com

For more information, visit our website
[@www.aspela.com](http://www.aspela.com).



SUMMER 2026



Session 1

STATE-FUNDED CADD/BIM TRAINING SCHEDULE

CLASS	DAYS	START	END
REVIT MEP	M-W (5:30 to 9:30 pm)	8/5/26	11/4/26
MEETING DATES: * AUGUST - 5, 10, 12, 17, 19, 24, 26, 31 * SEPTEMBER - 2, 9, 14, 16, 21, 23, 28, 30 * OCT - 5, 7, 14, 19, 21, 26, 28 * NOV - 2, 4			
REVIT ENHANCED	T-TH (5:30 to 9:30 pm)	8/6/26	10/29/26
MEETING DATES: * AUGUST - 6, 11, 13, 18, 20, 25, 27 * SEPTEMBER - 1, 3, 8, 10, 15, 17, 22, 24, 29 * OCTOBER - 1, 6, 8, 13, 15, 20, 22, 27, 29			
REVIT ARCHITECTURE	T-TH (5:30 to 9:30 pm)	8/6/26	10/29/26
MEETING DATES: * AUGUST - 6, 11, 13, 18, 20, 25, 27 * SEPTEMBER - 1, 3, 8, 10, 15, 17, 22, 24, 29 * OCTOBER - 1, 6, 8, 13, 15, 20, 22, 27, 29			
SOLIDWORKS	T-TH (5:30 to 9:30 pm)	8/6/26	10/29/26
MEETING DATES: * AUGUST - 6, 11, 13, 18, 20, 25, 27 * SEPTEMBER - 1, 3, 8, 10, 15, 17, 22, 24, 29 * OCTOBER - 1, 6, 8, 13, 15, 20, 22, 27, 29			
CIVIL 3D	T-TH (5:30 to 9:30 pm)	8/6/26	10/29/26
MEETING DATES: * AUGUST - 6, 11, 13, 18, 20, 25, 27 * SEPTEMBER - 1, 3, 8, 10, 15, 17, 22, 24, 29 * OCTOBER - 1, 6, 8, 13, 15, 20, 22, 27, 29			
BLUEBEAM	T-TH (5:30 to 8:30 pm)	8/6/26	10/13/26
MEETING DATES: * AUGUST - 6, 11, 13, 18, 20, 25, 27 * SEPTEMBER - 1, 3, 8, 10, 15, 17, 22, 24, 29 * OCTOBER - 1, 6, 8, 13			
AUTOCAD	Friday (5:30 to 9:30 pm) & Saturday (8 am to 12 pm)	8/7/26	11/7/26
MEETING DATES: * AUGUST - 7, 8, 14, 15, 21, 22, 28, 29 * SEPTEMBER - 11, 12, 18, 19, 25, 26 * OCTOBER - 2, 3, 9, 10, 16, 17, 23, 24, 31 * NOV - 6, 7			

For enrollment, please contact BARRY: barry@ach.edu or call 949-393-8866

www.ach.edu/state-funded-training-programs



Continued from page 1

register.

The ASPE LA Family Picnic is scheduled for September 19. Picnic Committee Chair David Kelly, along with Co-Chairs Gabriel Starkman and Noelle Melzer, is finalizing the event location and completing venue arrangements. The picnic flyer will be published and distributed to members soon.

Registration for the 2026 ASPE Convention & Expo is now open. If you plan to attend, I encourage you to register early to take advantage of early-bird pricing. Please also reserve your hotel accommodations as soon as possible, as rooms are filling quickly. Information on the technical education sessions is also available for your review.

Please let Thura and me know if you plan to attend the Convention so we can better understand the level of participation from the Los Angeles Chapter.

The ASPE Los Angeles and Orange County Chapters' Joint Heat Pump Water Heating Symposium, presented by Mr. Saum Nour, will be held on September 16 at Steven's Steakhouse. The venue deposit has been paid, and the event flyer is already being distributed with weekly reminders. Because seating is limited, early registration is strongly encouraged. Engineers will receive priority registration on a first-come, first-served basis. Registration is \$30 per person, and attendees will have the opportunity to explore tabletop displays featuring hands-on heat pump demonstrations.

We also have a limited number of exhibitor booths available for manufacturers interested in showcasing their products during the event. Manufacturers interested in participating are encouraged to contact Thura Zin for additional information.

Be well, stay well.

Upcoming Events

ASPE LA Fishing Trip

Friday, August 14th, 2026

ASPE OC & ASPE LA Heat Pump Seminar

Wednesday, September 16th, 2026

ASPE LA Family Picnic

September 2026

ASPE 2026 Convention

Oklahoma City, Oklahoma

October 8th - 14th



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- Fully automated treatment process - no requirement for highly trained operators



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2026 SPORTING CLAY EVENT

September 12, 2026

LA Clays Shooting Park
831 Rosemead Blvd., South El Monte, CA 91733

What's Included

10 stations | Shotguns and ammunition provided | Instructors at every second station for skill development | Clay targets | Hearing and eye protection | Vendor tabletop display | Barbecue luncheon and raffle

Cost

\$20 per participant (valued at \$180)

Contact Us:

Jeff Carolino, AYP ASPE OC

jeff.carolino@crbgroun.com

Richard Jeong, AYP ASPE LA

richard.jeong@arup.com

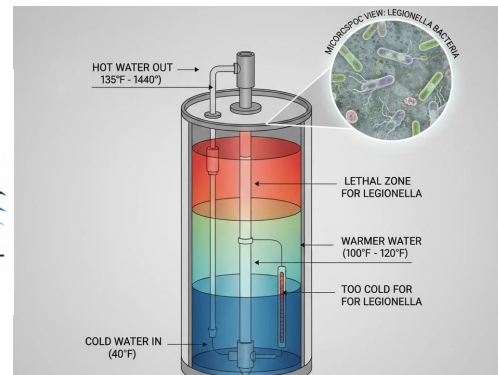
Linda Deunay, Women of ASPE

linda@epwest.com



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Heat Pump Water Heaters Moving Into the Mainstream

Heat pump water heaters are rapidly becoming a standard consideration for commercial plumbing projects as energy codes become more stringent and owners seek lower operating costs. Industry experts note that engineers should become familiar with sizing, refrigerant considerations, electrical requirements, and integration with domestic hot water systems as adoption continues to grow.

[READ MORE.](#)

New Research Highlights Legionella Risks During Water Heater Installation

A recently published study identified a strong association between newly installed residential water heaters and several Legionnaires' disease cases in the Netherlands. While the manufacturer implemented corrective measures, the research serves as an important reminder that commissioning procedures, flushing, disinfection, and maintaining proper hot water temperatures remain critical for protecting public health.

[READ MORE.](#)

Continued on page 12

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Technical Report

BY Thura Zin CPD, GPD

The ASPE Los Angeles Chapter held its monthly meeting on July 8, 2026, at the Courtyard by Marriott in Burbank.

On behalf of the ASPE-LA Board of Directors, we extend our sincere appreciation to Mr. Anthony Jones, National Accounts Manager, Cougar Systems, for his informative presentation. His presentation covered control panel fundamentals and components, level control technologies, panel selection and enclosure design, building automation, remote monitoring, and related applications.

Members interested in obtaining a copy of the presentation are encouraged to contact the chapter.

We were pleased to welcome 52 ASPE members, engineers, and design professionals, matching last month's attendance. Thank you to everyone who attended and continues to support our chapter

activities, with special thanks to the LADWP group for their continued participation.

Upcoming Meeting August 12, 2026 | Courtyard by Marriott, Burbank

Please join us for our monthly meeting featuring Mr. John Bird, Western Regional Manager, Equipment Controls Company, who will present:

Control Panels, Intrinsically Safe Systems, and Their Applications

Topics include:

Understanding Gas Codes and Applications

Understanding Line Pressure Regulators

Standards, Certifications, and Codes

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Chris Sweeny

Business Development Manager

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- **AT LOW COST**
(You can't afford not to treat hard water anymore)
- **ZERO PLANT ROOM FOOTPRINT**
(Attaches to the wall or to pipe work)
- **ZERO SERVICING**
(No Salt)
- **ZERO MAINTENANCE**
(Which means it is 100 % reliable)

Case Study: The Cosmopolitan of Las Vegas

3,300 plus luxury Suites -
Cost of installing Aqua-Rex \$100,000
Annual running costs \$1,000
Ten years later:- No Valves needed
changing – Millions of Dollars saved.

IAPMO R&T LAB		TEST REPORT
Report Number: 2536-18001-002		Project No: 20225
Report Issued: February 26, 2018.		
Client: Aqua-Rex 3300 Spring Mountain Road Ste 18 Las Vegas, NV 89102		Contact: Jonny Secombe
Source of Samples: The samples were shipped to IAPMO R&T Lab from Aqua-Rex, and received in good condition on October 11, 2017.		
Date of Testing: October 25, 2017 through December 15, 2017		
Sample Description: Scale Prevention Device, model: Aqua-Rex WK1-E		
Scope of Testing: The purpose of the testing is to determine the efficacy of the Scale Prevention Device per section 7 of IAPMO R&T 335-20.8, entitled "Rapid Scaling Test for Scale Prevention Devices".		
CONCLUSION: When tested per Section 7 of IAPMO R&T 335-20.8, Aqua-Rex WK1-E reduced scaling by 30.7% versus untreated on Las Vegas water heated to 180°F.		
Tested by: <i>Harry Nish</i> Harry Nish, Project Engineer		Reviewed by: <i>Sean Voss</i> Sean Voss, P.E., Manager, Specialty Projects

All testing and related procedures for this report were performed under the continuous, direct supervision of IAPMO R&T Lab's senior laboratory staff. The observations, test results and conclusions in this report were made by the testing facility under test and are not intended to be a statement of the quality or performance of the product or service. Only the IAPMO R&T Lab is authorized to issue or distribute this report, and any other use of this report for its own or for the benefit of the product or service is prohibited. IAPMO R&T Lab is not responsible for any misuse of this report.

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or operator
intervention.



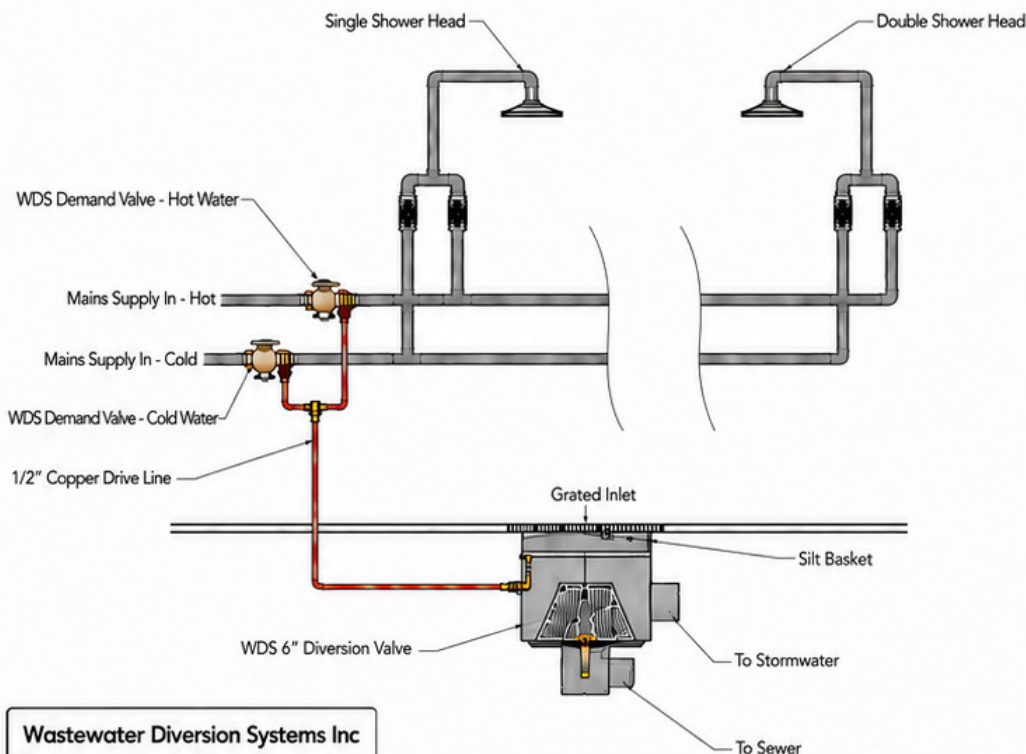
IMMEDIATE
diversion occurs
the instant a
shower is
activated.



RELIABLE
heavy-duty
construction for
long service life
and low
maintenance.



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WDS-BDPSW™

(WDS BDPSW Diversion System)

7/21/2018

TM

PRODUCT DESCRIPTION

The WDS-BDPSW Automatic Shower Wash Water Diversion System is a hydraulically actuated diversion system designed to automatically direct shower wash water to the sanitary sewer whenever a shower is activated. During normal operation, stormwater continues to drain through the stormwater system. The diversion occurs automatically without electrical power, sensors, or operator intervention.

KEY FEATURES

- ✓ Automatic hydraulic operation
- ✓ No electricity required
- ✓ Automatically diverts shower wash water to the sanitary sewer
- ✓ Prevents wash water from entering the stormwater system
- ✓ Heavy-duty industrial construction
- ✓ Suitable for new construction and retrofit installations
- ✓ Low maintenance and highly reliable

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Dog Kennels



Air Craft Wash Down



Military Bases



Roof Top Dog Parks



Fast Food Restaurants



Outdoor Entertainment Areas



Hospital Pre-entry
Chemical Exposure
Shower



Marinas

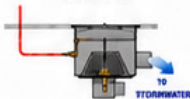


All Outdoor Showers at
Beaches, Resorts and
Private Pools

HOW IT WORKS – AUTOMATIC OPERATION

1 NORMAL CONDITION

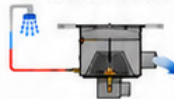
Showers OFF



Flow goes to stormwater

2 SHOWER ACTIVATED

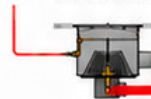
Water flows to shower



Drive line pressurizes
diversion valve

3 VALVE DIVERTS

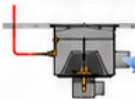
Diverts to sewer



Valve automatically
changes position

4 SHOWER OFF

Returns to normal



Valve returns to
stormwater position

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Pressure Boosting and Water Quality Featured at the 2026 ASPE Convention

This year's ASPE Convention & Expo technical program includes several sessions covering pressure boosting, domestic hot water recirculation, thermal expansion, water reuse, Legionella mitigation, and heat pump water heater technologies. The program reflects the growing emphasis on energy efficiency, water quality, and resilient plumbing system design.

[READ MORE.](#)



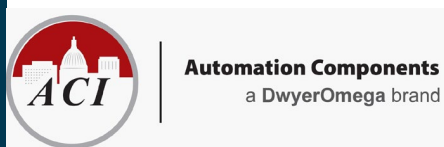
Public Agencies Gain Easier Access to Pipeline Inspection Technologies

CUES has been awarded a cooperative purchasing contract through Sourcwell, allowing municipalities, school districts, and other public agencies to more easily procure pipeline inspection equipment and software. The streamlined purchasing process may help agencies accelerate sewer and stormwater infrastructure inspections while reducing procurement time.

[READ MORE.](#)



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Regulator Venting

Integral Vent Limiting (Vent-Limited Regulators)

Regulator venting is a timely and practical topic, as industry professionals continue to face challenges in determining proper venting locations and sizing methods. This presentation will provide valuable guidance on this important aspect of system design and installation.

Time will be reserved at the end of the presentation for audience questions and discussion, providing an opportunity to address specific design challenges and share practical experiences. We look forward to another informative, engaging, and interactive presentation.

ASPE Los Angeles One-Day Fishing Trip August 14, 2026

Our chapter is planning a one-day fishing trip. If anyone would like to join, please contact Cory or Gabriel. Sponsorship opportunities are also available.

ASPE Los Angeles and Orange County Chapters Joint Symposium Heat Pump Water Heating Symposium September 16, 2026 | Steven's Steak House, Commerce, CA

The ASPE Los Angeles and Orange County Chapters are pleased to announce a one-day symposium focused on Heat Pump Water Heater Piping Systems.

The symposium will be led by Orange County Chapter Vice President Dr. Saum, in collaboration with ASPE-LA Chapter President Vahan.

Location: Steven's Steak House 5332 Stevens Place Commerce, CA 90040

Program Schedule:

Morning Technical Session: 9:00 AM – 12:00 PM

Lunch Break: 12:00 PM – 1:00 PM

Afternoon Technical Session: 1:00 PM – 4:00 PM

Continued on page 18

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Continued from page 14

Happy Hour & Hors d'oeuvres: 4:45 PM – 6:30 PM

The program will feature four presenters covering key technical topics related to heat pump water heating systems.

Space for engineers and design professionals is limited, and registrations will be accepted on a first-come, first-served basis.

Registration Fee: \$30 per person

Exhibitor booth space will also be available. Companies interested in participating in the product show should contact the chapter for information regarding availability and registration. Please contact Thura regarding booth layout and payment.

2026 ASPE Convention & Expo October 8–14, 2026 | Oklahoma City, Oklahoma

If you are planning to attend the 2026 ASPE Convention & Expo, registration is now open. Please visit the 2026 Convention Brochure for a detailed daily program. Be sure to book your hotel early, as accommodations are expected to fill quickly.

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Get Involved

We welcome your ideas and suggestions for future technical presentations and chapter programs. Please contact any member of the Board of Directors with recommendations for upcoming topics.

Stay informed by checking your email for chapter announcements and visiting the Technical Calendar on our website for upcoming meetings and events.

Thank you for your continued participation and support. We look forward to seeing you at our upcoming meetings.

Stay safe and take care.



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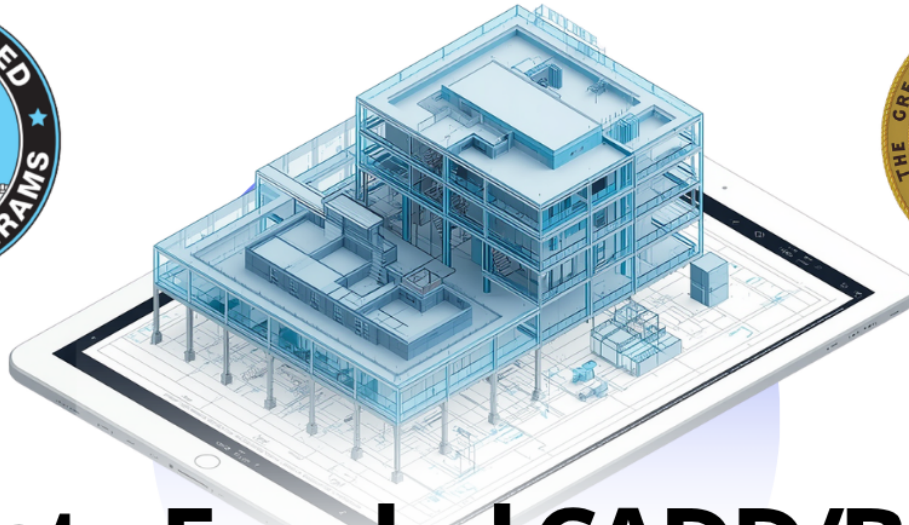
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Round with integrated valve drain



Round with separate valve drain

Thermostatic/Pressure Balancing Valves



Round with integrated valve drain

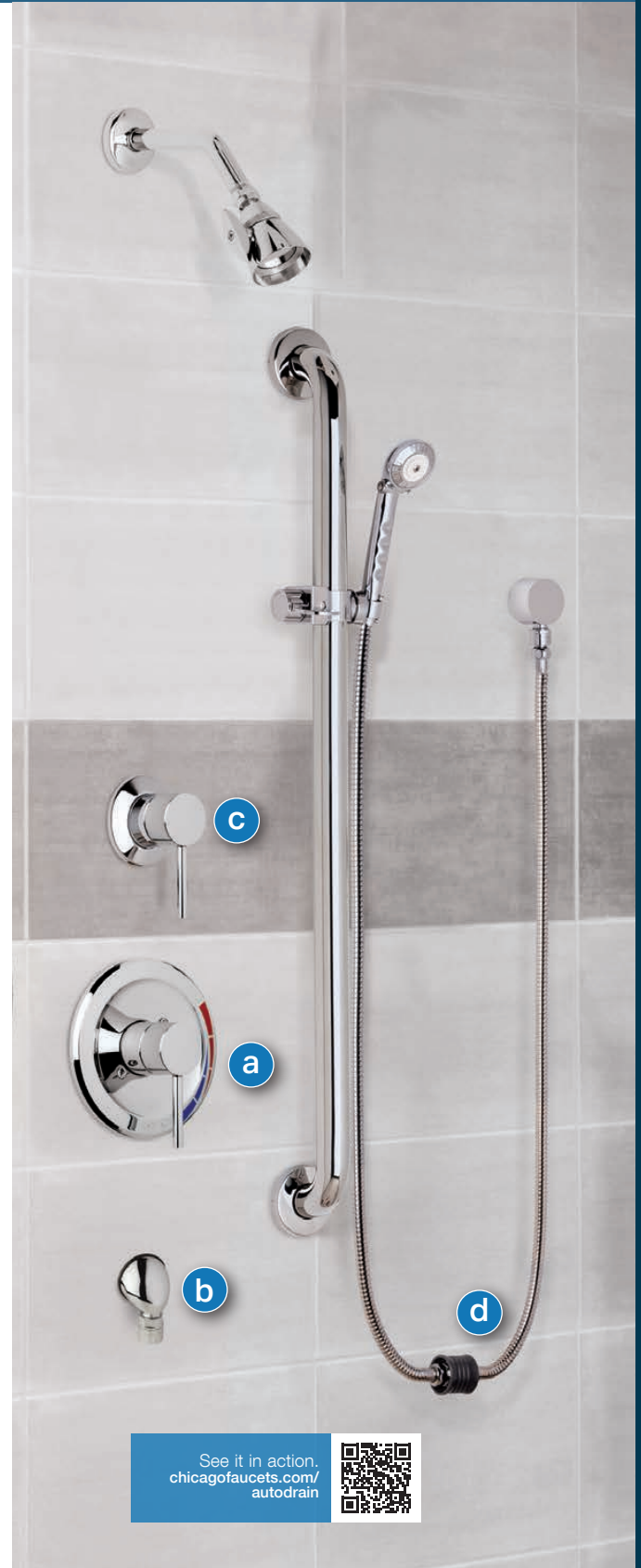


Round with separate valve drain



Square with separate valve drain

*Wall elbow must be level with base of hand spray to drain properly.



See it in action.
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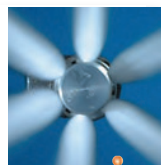


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