

## Large Chilled Water Design & Application

by

~ MICHAEL LICASTRO ~

**MANAGER OF TRAINING AND EDUCATION  
BELL & GOSSETT LITTLE RED SCHOOL HOUSE**

*Michael Licastro* received a Mechanical Engineering degree from the State University College at Buffalo and has over 27 years of practical experience in the application, design, and troubleshooting of Hydronic and Steam systems. His industry career began as an Outside Sales Engineer for a premier Manufacturers Representative company, working with every level of project stakeholders to ensure correct application and selection of products, proper piping system design, and evaluation of existing system problems, concluding with a corrective action plan. Currently, Mike is the Education and Training Manager for Commercial Business and HVAC at Bell & Gossett, a Xylem Company, which includes the oversight of the Little Red Schoolhouse training facility, e-Learning web-based training, and content updates to Technical Manuals. Mike is a Past-President of the Niagara Frontier Chapter of ASHRAE and has served as a Technical Instructor for multiple Steam and Pipe Fitters Union Apprentice Programs, located in the Northeast and Mid-Atlantic regions of the United States.

### INFORMATION TO BE COVERED WILL INCLUDE:

- Flow Control and Balance for Heat Transfer Coils (Including Piping Details and Valve Selection)
- Basic Air Management for Closed Loop Systems (Tank Sizing and Point of No Pressure Change)
- 1 and 2 Pipe Layout Design Strategies (Including identifying the "Critical Circuit")
- Primary Secondary or Constant and Variable Primary Systems
- Hydronic System Flow Determination and Pipe Sizing Guidance
- Pump Fundamentals
- Parallel Pumping
- Variable Speed Pump Control Practices (Including feedback sensor location)

**TUESDAY, DECEMBER 12, 2023**

8:00 AM - 4:00 PM \*To be held at:

**MARINA VILLAGE CONFERENCE CENTER TERRACE ROOM**

1936 Quivira Way San Diego, CA 92109 (619) 222-1620

**MAPS WILL BE FURNISHED BY DAWSON COMPANY UPON REQUEST OF YOUR RESERVATION.**

**CONTINENTAL BREAKFAST WILL BE PROVIDED AT 8:00 AM; LUNCH WILL BE SERVED AT 12:00 PM.**

To ensure that each attendee receives the full benefit of this seminar, the class size is limited to 50 attendees.

Name \_\_\_\_\_  
Company \_\_\_\_\_  
Phone \_\_\_\_\_  
Email \_\_\_\_\_

Name \_\_\_\_\_  
Company \_\_\_\_\_  
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Name \_\_\_\_\_  
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Email \_\_\_\_\_

(A) Total Number of Persons Attending \_\_\_\_\_

(B) Total Cost of Seminar per Person: **\$50.00**

Total Enclosed (AxB): \$ \_\_\_\_\_

**Please let us know if you have any of any dietary requirements:**

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**PLEASE MAKE CHECKS PAYABLE TO:  
DAWSON COMPANY  
P.O. Box 6011  
POMONA, CA 91769-6011**

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