

# FOG DISPENSER

Golden Gate Chapter



ASHRAE

VOLUME XXXIX - NUMBER 6

APRIL 2001

## April Meeting Notice Annual Product Show

**Date:** Thursday, April 5 at 5:00 p.m.

**Place:** PG&E Pacific Energy Center, San Francisco  
851 Howard Street (between 4th and 5th)  
Tel: 415.973.7268

**Cost:** \$35.00 with reservations  
\$37.00 without reservations

**Time:**  
3:00 - 4:30 p.m. Exhibitor setup  
5:00 - 6:30 Table top displays / Social hour  
6:30 Dinner (see reservations instructions)  
7:30 - 8:30 Meeting / Student Night program / Product show participant presentations

All reservations must be received by Robin James by e-mail ([rjames@belimo.com](mailto:rjames@belimo.com)) or fax (707-745-5999) by Monday, April 2.

## April Program: Product Show and Student Night

This annual Golden Gate ASHRAE event is a venue for local equipment suppliers and service companies to showcase their products and services to the Chapter membership. We always have a strong turnout of exhibitors; we expect 25+ tables to be filled this year. Building owners, consulting engineers, and contractors have the opportunity to discuss new products and product improvements before the monthly meeting.

### Presentation:

Each exhibitor will make a 30-second presentation. The topics can be humorous and/or informative. Exhibitors can talk about an interesting product application, or explain how NOT to apply a particular product!

**IMPORTANT: Presentations shall not be overtly commercial.**

\*A limited number of tables are still available. Contact Cory Palmer with questions or to register.

Phone: 415-467-7600 ext. 111  
e-mail: [cpalmer@norman-wright.com](mailto:cpalmer@norman-wright.com)

# Golden Gate Chapter President's Message

April 2001

Dear Golden Gate Members:

## More Sharing!

In last month's message I asked you to share your wealth of knowledge and experience with us at the local Chapter meeting. This month I continue on the same theme. The April meeting is Student Night and Product Show! We will be hosting many of the local University's Students as well as the Bay Area Science Faire Award Winners.



I was VERY surprised that the GOLDEN GATE Chapter had never before held a meeting in Oakland! My personal view of this situation is that the Golden Gate Chapter is A Bay Area Wide Chapter and NOT just a San Francisco Chapter! The name 'Golden Gate' implies that the chapter belongs to the Bay Area not just San Francisco! It is with this thought as well as the enthusiastic crowd of 96 people at the last meeting, that the Board of Governors will likely be rotating meeting locations next year! We will have some meetings in San Francisco, a joint meeting with San Jose down the Peninsula, a meeting with the Redwood Empire in San Rafael, meetings in Oakland.

What do you think of this? Any suggestions for the meetings?

Come and Share your wealth of information with the students and share your thoughts on next year's meetings with the Board.

PS: Come to the meeting and find out the VERY Special meeting place for the JUNE meeting. It is at a place that GGASHRAE has NEVER met before!

At your service

Benjamin Sun  
President  
2000-2001

## Change of Address?

All members who wish to make changes in their membership data (change of address or change of employer are the most common) must make those changes through the national ASHRAE site <http://www.ashrae.org>. In order to do this, you will need your ASHRAE member number and confidential pin number, both of which are on the ASHRAE card issued to you each year. Go to the Change of Address link of the ASHRAE web site, log in, then to Membership Records. If you don't have your pin or membership card, please call Customer Service Section: 1-800-5-ASHRAE (US and Canada).

# MONTHLY RESEARCH REPORT

## APRIL 2001

ASHRAE operates on a June 30<sup>th</sup> Fiscal year, so we're entering the home stretch of this year's Research campaign. The Research chair thanks everyone for the support we've received so far from Bay Area individuals and businesses!

Since you may be congratulating yourself now for not leaving the HVAC/R industry to work for a "dot com" company, please consider giving back to our *relatively stable* industry through ASHRAE Research. Remember, 100% of your tax-deductible contribution goes to the national Research campaign fund.

We wish to recognize the following Research contributions received in February/March:

*Recent Individual Honor Roll Investors (\$100.00 or more)*

<i>Jim Nemechek</i>	<i>Wasil Popow</i>
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All contributions should be made to ASHRAE research and mailed to:

**ASHRAE Research**  
c/o Cory Palmer  
Norman Wright Mechanical Equipment Corp.  
99A South Hill Drive  
Brisbane, CA 94005  
415-467-7600 phone / 415-467-0900 fax  
[cpalmer@norman-wright.com](mailto:cpalmer@norman-wright.com) e-mail

## SHRAE GOLDEN GATE CHAPTER - DINNER RESERVATION FAX

*For April 5, 2001*

**Email:** John Wintermeyer [ASHRAE@atce.com](mailto:ASHRAE@atce.com) *preferred method of communication!!!!*  
**FAX:** (415) 788-6040

*Please cancel your reservation if you cannot attend the meeting.  
Cancellations must be received by the Tuesday prior to the meeting.*

FROM: \_\_\_\_\_

COMPANY: \_\_\_\_\_ Phone: \_\_\_\_\_

Please make \_\_\_\_ reservation(s) for the following people (fill in names below):

\_\_\_\_\_  
\_\_\_\_\_

# Golden Gate Picture Gallery



“Now eat your vegetables”



Former Fog Dispenser editor Debbie Marshal



Pre-Meeting Technical Seminar



Oakland A's Fans



Bob Levi loses the Marble Draw



Ready for the show!

# **Don't Miss these Upcoming Events:**

## **Region X CRC to be held in San Francisco!**

The Golden Gate Chapter is proud to be the host for the 2001 Region X Chapter's Regional Conference. The CRC will be held at the Pacific Energy Center May 3<sup>rd</sup> through the 5<sup>th</sup>. For more information visit: [www.ashraex.org/crc](http://www.ashraex.org/crc)

### **Golden Gate Chapter's 2001 Seminar**

**Will be held in conjunction with the CRC. On Thursday, May 3<sup>rd</sup>, the chapter will present:**

#### **"Today's Direct Digital Control Systems"**

- **Solutions that Work**
- **The Latest Technical Advances**

Direct Digital Controls have made major advances in the past 5 years. This seminar is for engineers already familiar with basic DDC systems who want to learn what strategies and equipment really work in the real world. Our experienced speakers will also review the latest advances in networking and Internet capabilities and separate the "hype" from what is really useful. For more information and to register, please visit [www.ashraex.org/crc/seminar](http://www.ashraex.org/crc/seminar)

Date: Thursday March 3, 2001

Time: 9:00 – 4:30 pm

Place: Pacific Energy Center

Cost: \$50.00 per person includes lunch and a binder of material

### **Dinner Cruise on the Bay!**

**Friday May 4, 2001, 6-9 p.m.**

Our Yacht leaves from Pier 33, HYI Dock promptly at 6:00 p.m.

The Golden Gate Chapter is pleased to present a very special event for our CRC attendees and chapter members on Friday night, May 4<sup>th</sup>. We have made arrangements for a dinner cruise on beautiful San Francisco Bay! For the low, low price of only \$50.00 per person you can be our guest as we sail around the bay, toast our hard work, and dine on a delicious gourmet buffet dinner. Your fee of \$50.00 includes the cruise, wine aboard, dinner, and the time of your life! A no-host cocktail bar will be available for those of us who appreciate a cocktail on the water.

### **Golden Gate Chapter Annual Field Trip**

#### **"An Engineer's Tour of San Francisco City Hall"**

With CRC occupying our normal meeting time, our traditional May Field Trip will be held on Thursday, May 17<sup>th</sup>. This year's field trip will be a guided tour of San Francisco City Hall. After the tour, we will head over to Chevy's for dinner.

Date: Thursday May 17, 2001

Time: 5:30 – 7:30 pm

Place: Meet in the lobby of City Hall

Cost: \$35.00 per person includes the tour and dinner

# EMPLOYMENT OPPORTUNITIES

Part-time job opportunity. **The Golden Gate Chapter of ASHRAE** seeks a Database Manager. We seek a candidate that would be able to make a two-year minimum commitment, would guarantee 2 to 4 hours of time in the first two weeks of each month from September through May and provide 6-12 hours of time in January or February to produce the roster. The existing database is written in MSAccess. Tasks for the Database Manager include the following:

Download and merge the latest data from ASHRAE's ftp site each month from September through May  
Hand enter and track new member data from the Membership Chair (~10 to 20 entries per month)  
Maintain a database of electronic members (note this could be turned into a list server feature)  
Develop text files for the printer for mailing labels (monthly) Develop the data for the roster (once a year in January or February).

Interested candidates should provide a resume, a few paragraphs demonstrating knowledge of databases and hourly rates. This information should be forwarded to:

Mark Hydeman  
Taylor Engineering, LLC  
1305 Marina Village Parkway, Suite 101  
San Francisco CA 94501-1028  
510-749-9135  
510-749-9136 Fax  
[mhydeman@taylor-engineering.com](mailto:mhydeman@taylor-engineering.com)

**AMERESCO, Inc.**, was founded by industry leader George P. Sakellaris and some of the most experienced executives in the energy services business to serve as a single source provider for energy management and energy savings solutions. AMERESCO, Inc.'s project expertise ranges from energy efficient lighting retrofits and building control optimization, to physical plant upgrades including the development, financing, construction and operation of central plant facilities. The Executive Management Team has an unmatched track record of success in the energy services business. With energy prices soaring the opportunities for energy conservation are exploding. AMERESCO, Inc. is seeking talented and creative individuals to join our Pleasanton, CA Team.

Engineers -Project Development and Project Management. Opportunities for mid-senior level engineers (BSME/EE) with practical evaluation and implementation experience in energy saving performance contracting projects including: motors, VSDs, HVAC retrofit and distributed generation projects. PE and construction oversight experience desirable.

AMERESCO, Inc. offers a competitive benefits program including Medical, Dental, STD, LTD, Life/AD&D, 401(k), FSA as well as Short and Long Term Incentive Plans.

Forward resume with cover letter and salary history to [AMERESCO@mail.com](mailto:AMERESCO@mail.com).

An Equal Opportunity Employer.

Offices - MA, CA, NY, ME, NC, IL, OR, WA, FL

## EMPLOYMENT OPPORTUNITIES –CONTINUED

**Taylor Engineering** is looking for HVAC design engineers to join us as we expand. We specialize in innovative large building HVAC and control system design, energy and indoor air quality analysis, and system commissioning. Current projects include the new GAP Headquarters building in San Francisco, GAP San Bruno Phase II, Electronic Arts II in Redwood City, Palm Inc. Campus in San Jose and the Title-24 Energy Standard for 2005. Prospective candidates must have a degree in mechanical engineering or a related degree, a thorough understanding of thermodynamics and fluid flow fundamentals and excellent presentation and writing skills. Candidates must be PC literate and have a working knowledge of Windows, Word, Excel, and AutoCAD. Design/build or field experience is also desirable. Excellent work environment in Alameda. High salaries for top performers.

Send resume to:

Glenn Friedman, Taylor Engineering, 1305 Marina Village Parkway, Suite 101, Alameda, CA

Tel: (510) 749-9135. Fax: 510-749-9136

E-mail: [gfriedman@taylor-engineering.com](mailto:gfriedman@taylor-engineering.com)

## UNDERFLOOR AIR DISTRIBUTION AT THE CENTER FOR THE BUILT ENVIRONMENT

Underfloor air distribution (UFAD) is a method of delivering space conditioning in offices and other commercial buildings that has begun to experience rapid growth in North America during recent years. Considered as a fringe practice in new office construction as recently as 1995, some designers and manufacturers are now predicting that within 5 years 35% of new offices will use raised floors (with or without UFAD), with 50% of those using UFAD. Well-designed UFAD systems have the potential to improve thermal comfort, improve indoor air quality, reduce energy use and life-cycle costs, and improve worker satisfaction and productivity over conventional practice, making them an extremely attractive alternative.

The Center for the Built Environment (CBE) at the University of California, Berkeley, is pleased to announce the release of its Underfloor Air Technology Website. The purpose of the website is to provide a complete description of underfloor air distribution (UFAD) and related technologies. The site is aimed at a broad audience and includes the following features: (1) technical overviews explaining key issues, benefits and limitations; (2) simple graphical tools highlighting basic concepts; (3) detailed research summaries and publications; (4) design guidelines for applying the technology; (5) case studies of existing systems; and (6) UFAD glossary and FAQs. Visit the site at [www.cbe.berkeley.edu/underfloorair](http://www.cbe.berkeley.edu/underfloorair).

The Center for the Built Environment was established in May 1997 to provide timely unbiased information on promising new building technologies and design techniques. A membership based consortium, our administrative costs are underwritten by the National Science Foundation; our research is funded by annual contributions from our industry partners. CBE's current partners are Armstrong World Industries, Arup, California Department of General Services, California Energy Commission, HDR Architecture, International Facility Management Association, Johnson Controls, Lucent Technologies, Pacific Gas & Electric Co., Skidmore, Owings and Merrill, Steelcase, Inc., Tate Access Floors, U.S. Department of Energy, U.S. General Services Administration, York International, and the Webcor Team: Webcor Builders, Critchfield Mechanical, and Rosendin Electric. More information can be found on-line at [www.cbe.berkeley.edu](http://www.cbe.berkeley.edu).

***CLYDE EQUIPMENT COMPANY, INC.***

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