



American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.

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President's Message

Thank you all who attended our February meeting. We had a great presentation by Thomas Lawrence on CO2 monitoring for Outdoor Airflow and Demand Control Ventilation.

As mentioned last month, our March meeting will shift to a hybrid meeting approach. For those who are comfortable with in person meetings, we will be resuming our traditional style monthly meetings at the Westbury Manor. For our members who are still hesitant about in person events, the meetings will be live streamed.

For the month of March, I would like to remind everyone that ASHRAE's popular HVAC Design series has gone virtual this year. The dates are March 8 – 12 and the 15th – 19th. Please register at ASHRAE's Learning Institute website.

I would also like to announce that our chapter is proceeding with our annual golf outing. Please be on the lookout for future announcements about how to sign up.



CHAPTER MONTHLY MEETING

DATE:	Tuesday, March 9, 2021
TIME:	6:00 PM - Cocktail Hour (For In-Person Attendees) 7:00 PM - Presentation
LOCATION:	In-Person: Westbury Manor Virtual Please email: Jhanna2@trane.com and xuzhigang@gmail.com for processing Virtual payments as well as live stream web link
FEES:	In-Person: \$50.00 pp Virtual: \$20.00 pp

Lastly and as always, for those who are looking for additional online webinars, ASHRAE Journal has a handful of published seminars. Please visit: <https://www.ashrae.org/technical-resources/supplier-provided-learning/supplier-webinars>

If you have any questions or concerns, please do not hesitate to contact me. Thank you and I look forward to seeing everyone at our next meeting.

Regards,

James Hanna
President - Long Island Chapter

Long Island Chapter Officers & Committees

ASHRAE 2019/2020 OFFICERS

POSITION	NAME	PHONE	EMAIL
President	James Hanna	718.269.3768	c006@ashrae.net
President-Elect	Matthew Vitrano	212.643.9055	c006pe@ashrae.net
Vice President	Murat Bayramoglu	631.312.8818	c006vp@ashrae.net
Treasurer	Michael Nigro	212.643.9055	c006tr@ashrae.net
Secretary	Elizabeth Jedrlinic	516.490.1621	c006sec@ashrae.net
Board of Governors	Matthew Catan	407.489.6684	c006bog1@ashrae.net
Board of Governors	Michael Razzano	516.805.3084	c006bog2@ashrae.net
Board of Governors	Zhigang Xu		c006bog3@ashrae.net
Board of Governors	Frank Paradiso	631.632.2792	c006bog5@ashrae.net









ASHRAE 2019/2020 COMMITTEES

COMMITTEE	NAME	PHONE	EMAIL
Programs & Special Events	Matthew Vitrano	212.643.9055	c006pe@ashrae.net
Membership (MP)	Michael Razzano	516.805.3084	c006mep@ashrae.net
Refrigeration	Murat Bayramoglu	631.312.8818	c006ref@ashrae.net
Chapter Technology Trans-	Matthew Catan	407.489.6684	c006cttc@ashrae.net
Grassroots Government Activities (GGAC)			c006ggac@ashrae.net
Newsletter Editor	Liset Cordero	212.643.9055	c006ne@ashrae.net
Research Promotion (RP)	Michael Nigro / Matthew Vitrano	212.643.9055	c006rp@ashrae.net
Historian	Zhigang Xu		c006his@ashrae.net
Student Activities (SA)	Elizabeth Jedrlinic	516.490.1621	c006sa@ashrae.net
Young Engineers in	Michael Nigro / Elizabeth Jedrlinic	212.643.9055	c006yea@ashrae.net
Webmaster	Frank Paradiso	631.632.2792	c006web@ashrae.net
Nominating	Michael Gerazounis, PE, LEED AP	212.643.9055	nominating@ashraeli.org
Reception & Attendance	Zhigang Xu		reception@ashraeli.org
PR & Engineering Joint	Andrew Manos, LEED AP	631.632.2792	pr@ashraeli.org
Golf Outing	Peter Gerazounis, PE LEED AP	212.643.9055	golf@ashraeli.org
Awards	Brian Simkins	203.261.8100	c006ha@ashrae.net

ASHRAE LI, P.O. Box 79, Commack, NY 11725

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Chapter Monthly Meeting - Program for 2019/2020

September 10, 2019 * At Westbury Manor  Dinner Presentation – Builds & NYC Code Compliance Presenter: Ian Nelson Refrigeration Night **1 PDH**	March 9, 2021 * At Westbury Manor Dinner Presentation - Optimizing Boiler Efficiency Presenter: Lou Vorsteveld Student Activities Night YEA Night **1 PDH**
October 13, 2020 * At Westbury Manor  Dinner Presentation— Perimeter Heating & Cooling: Yesterday, Today, and into the Future Presenter: Andy Siegelson **1 PDH**	April 13, 2021 Dinner Presentation - TBD Presenter: **1 PDH**
November 10, 2020 * At Westbury Manor  Dinner Presentation-- Applying VRF Systems with 3rd Party Air Handlers Presenter: Brandon Sulikowski Membership Promotion Student Activities Night and YEA Night Resource Promotion Night **1 PDH**	May 3, 2021 * Cherry Valley Club, Garden City, NY ANNUAL GOLF OUTING
December 8, 2020 * At Westbury Manor  Dinner Presentation-- Understanding and Applying HVAC Sensors Presenters: Dave Thomas **1 PDH**	May 11, 2021 Annual Field Trip
January 12, 2021 * At Westbury Manor  Dinner Presentation– Advanced Energy Design Guide for K-12 School Buildings: Achieving Zero Energy Presenter: Thomas H. Phoenix, P.E. FASHRAE, LEED AP **1 PDH**	June 8, 2021 * At Westbury Manor Free Buffet Dinner for Members PAST PRESIDENTS NIGHT & OFFICER INSTALLATION STUDENT SCHOLARSHIPS TO BE AWARDED ASHRAE History Quiz and prize Give-A-Ways
February 9-11, 2021  ASHRAE Virtual Winter Conference	June 2021 - TBD (4pm-8pm) * Dixie II @ Captree State Park Boat Basin, NY ANNUAL FISHING TRIP
February 9, 2021 * At Westbury Manor  Dinner Presentation– CO2 Monitoring for Outdoor Airflow and Demand-Controlled Ventilation Presenter: Thomas M. Lawrence, Ph.D., P.E., LEED AP ASHRAE DISTINGUISHED LECTURER Membership Promotion Night **1 PDH**	August 13-15, 2021 CHAPTERS' REGIONAL CONFERENCE (CRC) REGION I
February 16-22, 2021  NATIONAL ENGINEERS WEEK	

Meeting Program



Dinner Presentation Optimizing Boiler Efficiency

Presented by

Lou Vorsteveld
Sr. Director of Engineering
LAARS Heating Systems Company

**Attendees
Will Earn
1 PDH!**

DATE:	TUESDAY, MARCH 9, 2021		
Time:	6:00 PM - Cocktails and H'ourderves 7:00 PM - Dinner Presentation	Fee:	\$ 50.00 per person (In-person) \$ 20.00 per person (Virtual)
Location:	<p><u>In-Person Attendees:</u> Westbury Manor, Westbury, NY</p> <p><u>Virtual Attendees:</u> Please email: Jhanna2@trane.com and xuzhigang@gmail.com for processing Virtual payments as well as live stream web link</p>		
Presentation:	<p>It is a common misunderstanding that the sole determining factor for boiler and water heater efficiency is water temperature entering the unit. We've all been told that the lower the entering water temperature, the higher our efficiency will be. Additionally, we've been told that a super high turndown ratio, along with intelligent staging controls, will guarantee the most efficient system. In this presentation we will:</p> <ul style="list-style-type: none"> • Discuss boiler efficiency and what applications and designs will get you the efficiency you desire • Explain the hidden factor that's holding your system back: A well maintained Air-To-Fuel Gas Ratio. • Show you where you can easily find the smoking gun that points to a boiler's inefficient design. With this knowledge you can easily determine which units to use and which to avoid. <p>All attendees will receive 1 PDH.</p>		
About our Speaker:	<p>Dr. Lou Vorsteveld, Sr. Director of Engineering at LAARS Heating Systems Company: The presenter has 25 years experience in the North American (NA) market in the boiler and volume water industry at a variety of Engineering, General Management and Sales positions working for both European and NA based boiler manufacturers covering residential and commercial boilers and water heaters, both condensing and non-condensing. His European background was a strong asset in teaching the NA industry the concepts of high delta T systems, base-loading, cascading and turndown. He earned his BS, MS and Ph.D from the University of Vermont with a concentration in thermal sciences and combustion.</p>		

CHAPTER MAY NOT ACT FOR SOCIETY

An International Organization

**The Long Island Chapter is looking for presenters for the remainder of the year.
Please contact us if you are interested in presenting to our membership.**

Long Island Chapter - Past Presidents

1958	H. Campbell, Jr. PE	1989	Mel Deimel
1959	Clyde Alston, PE	1990	Robert Rabell
1960	Sidney Walzer, PE	1991	Gerald Berman
1961	Sidney Gayle	1992	Donald Stahl
1962	William Kane	1993	Ronald Kilcarr
1963	Louis Bloom	1994	Jerald Griliches
1964	Milton Maxwell	1995	Walter Stark
1965	Will Reichenback	1996	Joe Marino
1966	Joseph Minton, PE	1997	Norm Maxwell, PE
1967	Irwin Miller	1998	Alan Goerke, PE
1968	Walter Gilroy	1999	Frank Morgigno
1969	Charles Henry	2000	Michael Gerazounis, PE, LEED AP
1970	William Wright	2001	Ray Schmitt
1971	Louis Lenz	2002	Steven M. Stein, PE
1972	Ronald Levine	2003	Andrew Braum, PE
1973	Henry Schulman	2004	Claudio Darras, P.E.
1974	Myron Goldberg	2005	Craig D. Marshall, P.E.
1975	John N. Haarhaus	2006	John Nally
1976	Richard K. Ennis	2007	Peter Gerazounis, PE, LEED AP
1977	Kenneth A. Graff	2008	Steven Friedman, PE, HFDP, LEED AP
1978	Evans Lizardos, PE, LEED AP	2009	Steven Giammona, P.E., LEED AP
1979	Albert Edelstein	2010	Nancy Román
1980	Ralph Butler	2011	Carolyn Arote
1981	Robert Rose, PE	2012	Brian Simkins, LEED AP
1982	Timothy Murphy, PE	2013	Andrew Manos, LEED AP BD+C
1983	Leon Taub, PE	2014	Richard L. Rosner, P.E.
1984	Raymond Combs	2015	Thomas J. Fields, P.E., LEED AP
1985	Edward W. Hoffmann	2016	Donald Kane, P.E.
1986	Jerome T. Norris, PE	2017	Andrew Dubel, P.E., LEED AP
1987	Abe Rubenstein, PE	2018	Richard Halley
1988	Michael O'Rourke	2019	Frank Paradiso

PAOE POINTS FOR 2020/2021

Chapter Members	Chapter Operations	CTTC	Communi-cations	GGAC	History	Member-ship	Research Promotion	Student Activities	YEA	Chapter PAOE Totals
282	250	0	0	0	215	475	745	350	875	2,910

Student Activities

2021 Design Competition:

The first deadline for the 2021 competition is May 4th, 2021

Don't forget about the 2021 design competition, there is still time to get involved! ASHRAE sponsors these competitions to encourage students to become involved in a profession that is crucial to ensuring a sustainable future for our Earth – the design of energy-efficient HVAC systems. ASHRAE will recognize the outstanding student design projects at the 2022 ASHRAE Winter Meeting scheduled for January in Las Vegas, Nevada, United States of America.



- Teams may compete in one of the three categories:
- HVAC Design Calculations
- HVAC System Selection
- Integrated Sustainable Building Design (ISBD)

ASHRAE recommends that the project groups consist of at least two members from an undergraduate engineering or architecture curriculum for the HVAC Design Calculations or HVAC System Selection and at least three members (architecture or construction, mechanical and electrical) for the ISBD competition. Team members can be from multiple colleges. All team members must be enrolled during the semester/term in which they contribute to the design.

Participating teams are **NOT required** to have an ASHRAE Student Branch at their university.

<https://www.ashrae.org/communities/student-zone/competitions/2021-design-competition>

Congrats to the 2020 Design Competition Winners Listed below:

HVAC Design Calcs

First - Cairo University

Second - University of Calgary & Montana State University

Third - The University of Hong Kong

Rising Star - Universidad Autónoma de Nuevo León - Team FIME

HVAC System Selection

First - University of Nebraska

Second - The University of Hong Kong

Third - Ain Shams University

Rising Star - CUNY City College of New York

ISBD

First - Loughborough University

Second - Lawrence Technological University

Third - Centre for Environmental Planning and Technology (CEPT) University

Rising Star - King Fahd University of Petroleum and Minerals

Applied Engineering Challenge

First - Bandung Institute of Technology – Wetonia

Second - Bandung Institute of Technology – Ganeshantuy

Third - Universidad San Francisco de Quito, Ecuador

Rising Star – Ain Shams University

Elizabeth Jedrlinic

Student Activities Chair

Elizabeth.jedrlinic@trane.com

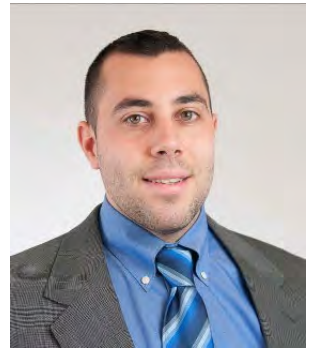
Research Promotion

Hello everyone,

In the next few weeks we will be focusing on getting our 2021 Vendor Book together. We will be sending out emails to anyone who has contributed in the past, but please contact us if you are looking to have your company added! Any vendor in the tri-state area is welcome.

Now that we are going back to in-person meetings at Westbury Manor, we are looking for cocktail hour sponsors. As always, any RP contributions are encouraged! Please email us or speak to us at the meeting if you have any questions.

Michael Nigro
Research Promotion Chair



History

Many historical articles and information can be found on the ASHRAE website, at <https://www.ashrae.org/about-ashrae/ashrae-and-industry-history>. The site includes links to any ASHRAE Journal article back to 1997. Of particular interest may be the histories of the American Society of Heating and Ventilating Engineers (ASHVE) and the American Society of Refrigerating Engineers (ASRE). Included is the history of the merger of these organizations into ASHRAE in 1959.

The Abstract Archives are a member benefit consisting of an online index of abstracts of papers and publications from ASHRAE. It is a useful tool for identifying many papers and articles that are not available through the online bookstore.

Zhigang Xu
History Chairman



Membership Promotion

Welcome to the Membership Promotion section of the newsletter. Our MP Committee is responsible for recruiting and retaining members of ASHRAE Long Island, and to ensure our members are receiving value for their membership.

Michael Razzano
Membership Promotion Chair

Elizabeth Jedrlinic & Michael Nigro
Membership Promotion Co-Chair



Refrigeration

RETAIL FOOD STORE REFRIGERATION (EXCERPT FROM THE ASHRAE HANDBOOK 2018 CHAPTER 15)

In the US, over 227,000 retail food stores operate their refrigeration systems around the clock to ensure proper merchandising and safety of their food products.

The modern retail food store is a high-volume sales outlet with maximum inventory turnover. The Food Marketing Institute (FMI) defines a supermarket as any full line self-service grocery store with an annual sales volume of at least \$2 million. These stores typically occupy proximately 50,000 square feet and over a variety of meat produce and groceries. Supercenters incorporate a supermarket section and the general merchandise/dry good section in one building. Almost half of retail food sales of perishable or semi perishable foods requiring refrigeration including fresh meats, daily products, perishable produce, frozen foods, ice cream and frozen desserts, and there is specialty items such as bakery and deli products and prepared meals.

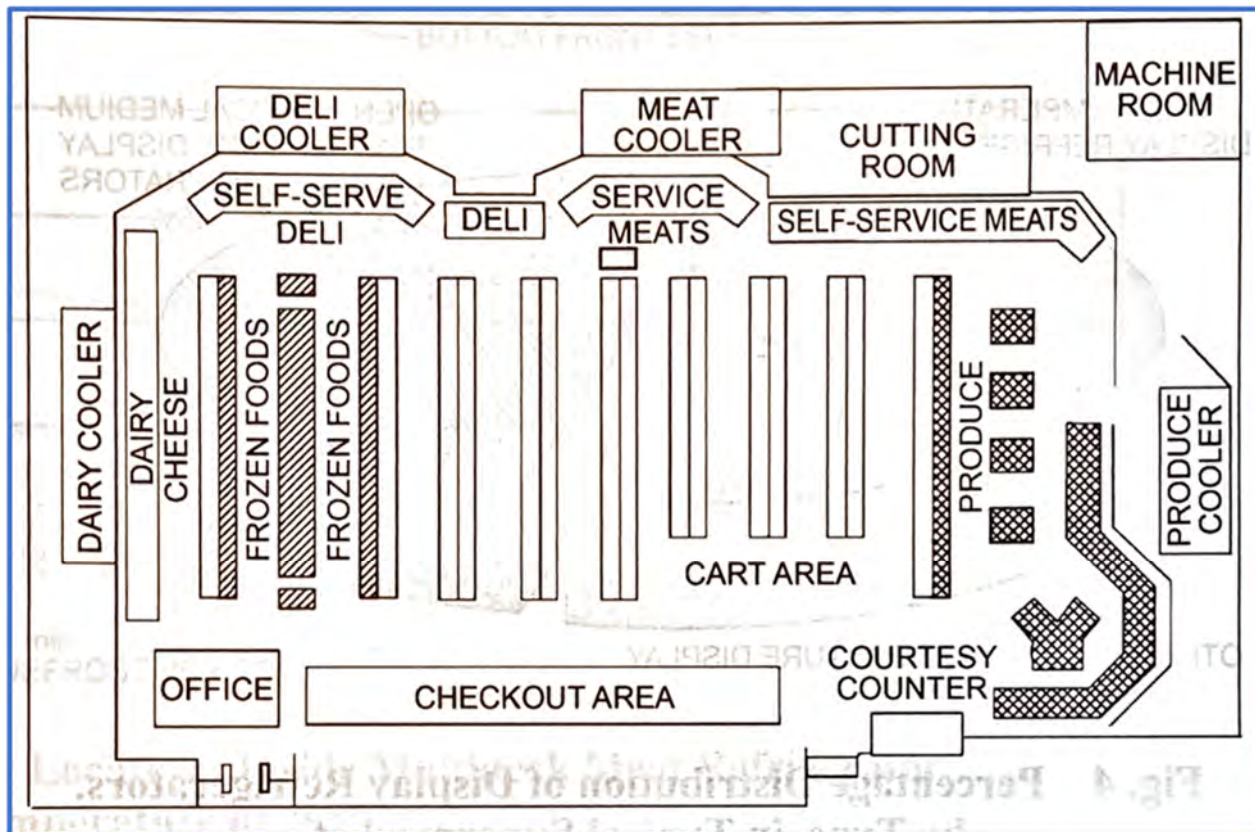


Figure 1 Layout of Refrigerated Fixtures in Supermarket

TYPICAL SYSTEMS

Replication systems in use today can generally be categorized into one of the following types: single, multiplex, rack, loop, distributed and secondary refrigerant.

Single System

A single compressor/single-evaporator system is sometimes referred to as conventional system. Each compressor may be piped to an individual condenser, or several single compressors may be piped to a larger condenser with multiple circuits.

Multiplex System

Another common refrigeration technique couples two or more compressors in parallel piped together with a common suction manifold and common discharge manifold. the compressors shared a common oil management system unusually operate connected to one or more large condensers. The condensers are usually remotely cooled or evaporative cooled, but they can also be built as part of the compressor rack assembly. The multiplex rack system has several evaporator systems each individually controlled an individual pipe to the compressor racks common liquid and suction line.

Refrigeration

Loop System

A loop system is simply multiplex rack system with a variation in the piping layout. Rather than each evaporator system having its own individual liquid and suction line connecting it to the compressor rack, a single suction and liquid loop is piped out to the store for each common suction pressure group. Individual branch circuits are then connected to the loop near the fixtures.

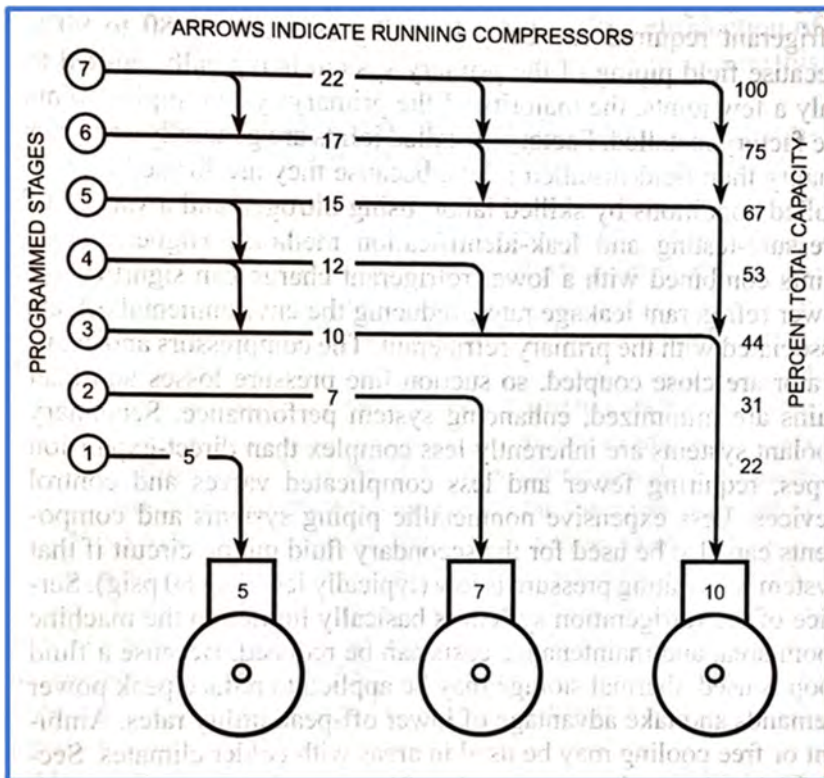


Figure 2 Stages with Mixed Compressors

Secondary Loop Systems

In secondary coolant systems, it is removed from refrigerated spaces and display cabinets by circulating a chilled fluid in a secondary loop cooled by a primary refrigeration system. Fluid circulation is typically provided by a centrifugal pump(s) designed for the flow rate and pressures were required by the system load and piping arrangement.

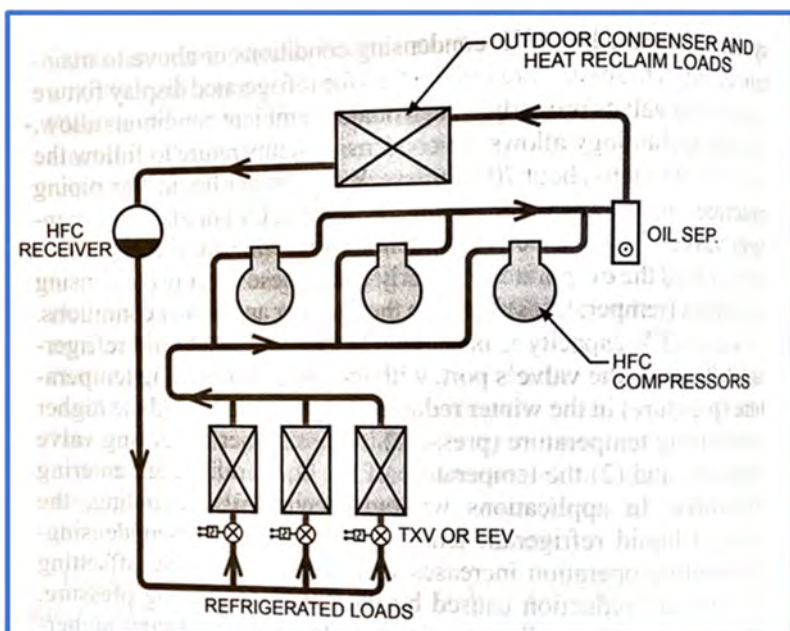


Figure 3 Direct Expansion System

Refrigeration

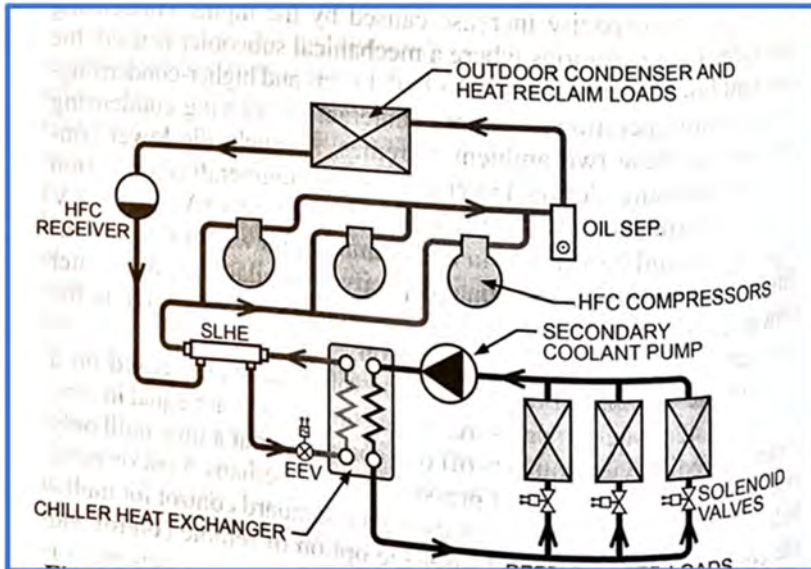


Figure 4 Secondary Coolant System For Single Phase Fluids

Distributed Systems

Distributed systems eliminate the long rank of piping needed to connect display fixtures with compressor racks in backroom parallel compressor systems. The compressors are located in cabinets, close coupled to the display refrigerator lineups, place either at the end of the refrigerator line up or, more often, behind the refrigerators around the store's perimeter.

Distributed systems are typically located in the store to provide refrigeration to a particular food department, such as meat, dairy, or frozen food. With this arrangement, the saturated suction temperature for each rack closely matches the evaporator temperature of the display refrigerators and walk-in coolers. This is not always the case for parallel rack direct exchange systems, because a single rack often serves display refrigerators with three or four different evaporator temperatures and the parallel rack DX system must operate at an SST that satisfies the requirements of the lowest temperature one connected. Better evaporator temperature matching with distributed systems can decrease the system's overall energy consumption.

ASHRAE handbooks provide vast amount of information for engineers at all levels. Take a look.

Murat Bayramoglu
Refrigeration Chair

BOG Meeting Minutes

BOG February Meeting Long Island Chapter

Board of Governors		
President	James Hanna	X
President Elect	Mathew Vitrano	X
Financial Secretary	Murat Bayramoglu	X
Treasurer	Michael Nigro	X
Secretary	Elizabeth Jedrlinic	X
BOG-1	Andrew Blom	
BOG-2	Mathew Catan	
BOG-3	Michael Razzano	
BOG-4	Xhigang Xu	X
BOG Immediate President	Frank Paradiso	X
Committee Member	Matthew Catan	
Committee Member	Brian Simkins	X
Committee Member	Andy Manos	X

President (James Hanna) Chapter Operations [min-600/Par-1200] Total Points: x

Review Minutes :

~~May 2020 Field Trip logistics-~~

May 3, 2021 Golf Outing- 2 pre-paid people, they will roll over to next year. Sponsors will roll over as well.

Newsletter: Newsletter and meeting notice separate.

Golf Outing has a heavy penalty if we do not meet a minimum. Penalty is too high for our bank account. 100 person minimum.

Please try to have your articles to Liset 1 Week before meeting. Board members to send in articles.

Taxes – Back Taxes pre-liminary copy prepared.

Start filling out PAOE

Programs (Matt Vitrano)

Field Trip: Early thoughts with Membership committee

PJ mechanical new shop , May 2021

March- Rath Associates

April- field trip if possible.

Chapter Technology Transfer (Matthew Catan) [min-550/par-1050] Total Points: x

Work with Matt Vitrano (Programs) for PDH certified presentations

PDH Sign in sheet and Presentation Survey sheets- Virtual sign in sheets currently, paid, invoices out, all covered for this meeting. Potential easier ways for virtual sign in, paypal link.

Also looking into DL speakers.

Speaker evaluation forms emailed to attendees/ there are blank ones in the box at Westbury Manor

Treasurer (Michael Nigro)

Account status: \$17,657.15

Any outstanding Invoices or bills?

(2) \$500 checks for Student Scholarship recipients.

Budget for the year- chairs to start that.

Potential in person meetings upcoming, maybe doing something for Westbury manor for being flexible this year.

Government Affairs (James Hanna) [min-500/par-650] Total Points x

Public relations Andy Manos

Engineer's Week – February 18th (virtual) – Topics- Send some advertising

Day on the Hill – Not happening his year in person. Potential virtual attempt with local legislature.

Historical (Zhigang Xu) [min-100/par-300] Total Points x

Articles/interviews of past president's Potential life-members/fellows or historical journal articles.

Frank P.

History boards location- get picture of the board

Honors and Awards Chair (Brian Simkins)

Service awards/Technical Awards

Candidate Projects

If there are any projects let Brian know

Research Promotion (Michael Nigro, Matthew Vitrano) [min-800/par-1050] Total Points x

Vendor Book status

50/50 – In person meetings only

RP Goal is: \$20,400, what % are we up to? \$ 7,700

BOG Meeting Minutes

Refrigeration (Murat Bayramoglu)

Potential refrigeration site for field trip? Probably unlikely in person. Reach out to companies for more details on their refrigeration, more info for a sounder article.

Membership Promotion (Michael Razzano, Co-chairs, Elizabeth Jedrlnic, Michael Nigro) [min-500/par-800] Total Points X

Membership Upgrades: 277 members, 30 students (any changes ?)

Discussion/suggestions on increasing chapter meeting attendance & Increase chapter membership:.

Plan additional social events with YEA if allowed

Introduce Jason Urso- December 31st just above 53000 members. Hardship Notice from ASHRAE.

Student Activities (Elizabeth Jedrlnic) [min-500/par-800] Total Points X

Stony Brook, Suffolk Community College, Hofstra, NYIT and others.

Discuss which local universities/colleges student chapters are active and which can be re-activated.

Stonybrook Chapter- Virtual meetings?

Start distributing "William Artis Memorial" Student Scholarship applications to student chapters

Scholarships. Grants due December 2020- some extensions

Winter Virtual Conference options for students

Get Stony Brook president membership renewed.

YEA (Michael Nigro / co-chair Elizabeth Jedrlnic) [min-300/par-800] Total Points X

Collaborate with Membership Promotion and Student Activities for Social events throughout the year in order to interest new chapter involvement, volunteers etc.

Keep monitoring how the year goes and respond accordingly.

NYC virtual game night. Request to see how that went, options to send to LI YEA if there is another one.

~~Looking into virtual happy hour~~

~~Top golf with NYC?~~

Reception & Attendance (Mike Razzano / Zhigang Xu)

Actively monitor membership list at reception. Need to make a list of virtual attendees

Electronic Communications [min-250/par-650] (50)

Recovery of old address (Still Ongoing)

Email from Tom Fields, will investigate

Add Historical Newsletters to website (2018-19 Chapter year)

E-Communication committee

Webcasting meeting idea for LI chapter (Society hosts go to meeting.)

Looking for consultant to maintain:

Email service / Weebly website / Linked In

Memorial for Bill on the website

Banner for the sponsors on the website if possible.

Golf (Peter Gerazounis/Tom Fields)

May 2021

Contract received.

Pulse for attendance- need to address the minimum issue.

New Business...

March meeting to be held in person. Presenter and Westbury Manor open for in person. Going to offer both options (hybrid meeting). People can choose in person or virtual.

Paypal card reader- at Westbury.

Steve Sill-Membership Dashboard. Other chapters are looking to have Golf Outings as well.

AHR Expo 2021

Winter ASHRAE Conference Chicago Jan 23 – 27 has been cancelled.

Winter Conference will be Virtual – the online format will take place between February 9 – 11th. It will include a mixture of live, pre-recorded and on-demand sessions. Additional details about the conference and committee meetings will be available in the coming weeks

I know a lot of our members attend the winter conference to catch up with the continuing education credits. So, for those who are looking for additional webinars, ASHRAE Journal has a long list of online seminars. Please visit: <https://www.ashrae.org/technical-resources/supplier-provided-learning/supplier-webinars>

Motion to Close: Liz move to close, Mike N seconded.

Next Hybrid Meeting: 03/03/21 @ 6:00 PM

ASHRAE GOLF OUTING - MONDAY, MAY 3, 2021

22nd Annual LI ASHRAE GOLF OUTING
Monday – May 3, 2021



Place: Cherry Valley Club
 Brunch: 11:00 am
 Shotgun: 12:30 pm
 Reception: 5:30 pm
 Dinner: 6:30 pm

This event fills up fast, to guarantee a spot , RSVP Soon.
(2) Foursome Limit Per Company.

Proper golf attire and shoes are required. Locker room and shower privileges are included.

CHECKS MUST BE IN BY APRIL 9, 2021

Fax , Email or Mail entire sheet or cut this half and return

Name: _____ Company: _____
 Address: _____ Phone: _____
 City, State, Zip: _____ Email: _____

I have read and understand the Cherry Valley Rules and Regulations (Signature): _____

Guest 1: _____ Company: _____
 Guest 2: _____ Company: _____
 Guest 3: _____ Company: _____



Please make check payable to:

ASHRAE – Long Island Chapter

Mail Checks To:
 MG Engineering D.P.C.
 Attn: Peter Gerazounis, P.E. LEED AP
 116 West 32nd Street
 New York, NY 10001
 Tel No.: (212) 643-9055
 Fax No.: (212) 643-0503
 Email: peter.gerazounis@mgedpc.net

Fund raising is primarily through the contributions of our sponsors.
Please consider our sponsorship opportunities listed below.

Golf & Meals:	\$ 375 pp x _____	= \$ _____
Reception & Dinner:	\$ 150 pp x _____	= \$ _____
Sponsor Dinner:	\$1,000 <input type="checkbox"/> Yes	= \$ _____
Sponsor Lunch:	\$ 500 <input type="checkbox"/> Yes	= \$ _____
Sponsor Cocktail Hour:	\$ 500 <input type="checkbox"/> Yes	= \$ _____
Sponsor Reception:	\$ 500 <input type="checkbox"/> Yes	= \$ _____
Sponsor Prizes:	\$ 500 <input type="checkbox"/> Yes	= \$ _____
Sponsor Beverage Cart:	\$ 500 <input type="checkbox"/> Yes	= \$ _____
Sponsor Hole:	\$ 200 <input type="checkbox"/> Yes	= \$ _____
Total		= \$ _____

ASHRAE GOLF OUTING - MONDAY, MAY 3, 2021



22nd Annual LI ASHRAE GOLF OUTING Monday – May 3, 2021

**Cherry Valley Club
28 Rockaway Avenue at Third Street
Garden City, NY
Telephone: (516)746-4420
Fax: (516)746-4421**

Program:

11 a.m. Brunch in the Clubroom & Lounge – including Omelet station, deluxe deli board with rolls, chicken scarpiello, danish, croissants, bagels & cream cheese, sliced nova, fresh fruit and cheeses, Good Humor ice cream cart.

12:30 p.m. Shotgun Start Golf – Playing individual scores. Prizes for long drive, closest to the pins, low gross and callaway. Refreshments at the halfway house will include packaged snacks and whole fresh fruit, hot dogs, beer & soda. A snack cart will also be on the course. Carts, forecaddies, driving range, locker room and showers are all included in the price.

5:30 p.m. Following Golf - Open Bar with hot and cold hors d'oeuvres in the Main Lounge. Fresh mozzarella with sundried tomatoes, cajun chicken, spring rolls, baby lamb chops, sesame chicken, turkey canapés, fried oysters, cheeses, fresh fruit, lobster halves, fresh clams & oysters, shrimp and crab claws.

7:00 p.m. Reception Dinner – Awards and raffle in the Main Dining Room. Carving stations of beef tenderloin & turkey breast. Chafing dishes of chicken & salmon featuring the chef's specialty, pasta station with marinara or vodka sauce, and choice of tossed or Caesar salad. Viennese dessert table following the dinner featuring pastries, fruit, cookies, assorted cakes and pies. Full beverage service throughout is included.

Women are also invited to attend and participate. There are locker room facilities available. The Cocktail hour and Dinner will also be available for those who cannot attend during the day for the golf.

Note: We are limited to 128 golfers. Openings will be filled on a first come-first serve basis. Corporate sponsorships will be available and raffle items will be welcome. Proper golf attire is a requirement for the golf course. Soft spikes are required. Please wear a jacket for the dinner.

Directions:

From the North Shore of Long Island: Take the Long Island Expressway to Exit 34 South (New Hyde Park Road Southbound), Grand Central Parkway (Northern State Parkway) to Exit 26 South (New Hyde Park Road Southbound) or Jamaica Avenue (Jericho Turnpike) Eastbound to New Hyde Park Road. Travel Southbound on New Hyde Park Road for approximately 5 to 7 miles to Stewart Avenue (You will cross over a set of railroad tracks). Take Stewart Avenue eastbound for approximately 1-1/2 miles to Cherry Valley Avenue. Travel Southbound on Cherry Valley Avenue for 1/2 mile, Cherry Valley Avenue becomes Rockaway Avenue. Continue on Rockaway Avenue and the entrance to Cherry Valley Club will be on your right.

From Local Points North: Take Old Country Road or Stewart Avenue to Franklin Avenue. Travel Southbound on Franklin Avenue to Fourth Street (just after crossing over railroad tracks). Turn right on Fourth Street and continue until it ends (Rockaway Avenue). Cross over Rockaway Avenue into the Cherry Valley Club's parking lot.

From the South Shore of Long Island: Take the Southern State Parkway to Exit 19 (Peninsula Boulevard-Hempstead/Garden City). Travel Northbound on Peninsula Boulevard for approximately 1/2 mile to President Street. Bear left on President Street (Northbound) for approximately one mile and cross over Hempstead Turnpike. President Street will become Cathedral Avenue. Continue on Cathedral Avenue for one mile to Fourth Street. Make a left on Fourth Street (Westbound) and continue until it ends (Rockaway Avenue). Cross over Rockaway Avenue into the Cherry Valley Club's parking lot.

From Local Points South: Take Hempstead Turnpike to Franklin Avenue. Travel Northbound on Franklin Avenue to Fourth Street. Turn left on Fourth Street and continue until it ends (Rockaway Avenue). Cross over Rockaway Avenue into the Cherry Valley Club's parking lot.

ASHRAE GOLF OUTING - MONDAY, MAY 3, 2021



22nd Annual LI ASHRAE GOLF OUTING ***Monday – May 3, 2021***

Cherry Valley Club Golf Outing Guidelines

To add the enjoyment of your day, we ask that you abide by Cherry Valley Club's basic rules of The Club, dress, golf etiquette & safety, golf carts, and care of the course.

Club Rules

1. **Smoking is not permitted in the Club House.**
2. **Guests are permitted to send and receive e-mails and text messages using electronic devices in all areas of the club, with the exception of the Golf Course, Club Room, Porch and Main Dining Room. However, all devices must be maintained on "Silent Mode". Talking on cell phones is permissible across from the Main Lobby Restrooms, Locker Rooms and Main Parking Lots only.**

Dress Code

1. **Jeans, designer or otherwise, are not acceptable on club property. This not only includes pants, but skirts, and cut-offs.**
2. **T-shirts and tank tops are not in keeping with the atmosphere of the club and as such, are not acceptable. The definition of T-shirt includes those with psychedelic coloring or suggestive printing.**
3. **If the Main Dining room is going to be utilized for any purpose, jackets are required.**
4. **Short shorts are not permitted on the golf course, practice tee or putting green by either male or female. Bermuda shorts of acceptable length are permitted. Jogging attire and denim pants are not considered proper attire for the golf course.**
5. **Soft spikes are mandatory at all times on our fine golf course. If your shoes need soft spikes, arrive early so we can change them. There is a nominal fee. There is **no** exception to this rule.**

Golf Etiquette and Safety

1. **Slow play shows lack of consideration for the players in your group and, more important, for the players behind you. Golf is made much more enjoyable if all players adhere to the following points in the conduct of play:**
 - **Minimize the time spent looking for balls by watching the flight of balls hit by everyone in your group. If a ball appears to be lost or out of bounds, hit a provisional ball before leaving the tee.**
 - **Signal the players behind you to play through if it becomes apparent that a ball will not easily be found and you are holding up play.**
 - **Don't rush addressing and striking the ball but move briskly between shots.**
 - **If your ball is some distance from the golf cart and the exact club selection is in doubt, take several clubs with you when you leave the cart to walk to the ball.**
 - **When play reaches the area of the green, park the golf cart(s) behind the green or adjacent to the next tee. Walk briskly off the rear or side of the green after putting out. Mark your score cards after your group is off the green.**
 - **Once a score of double par has been posted, pick up and move on to the next hole.**
2. **No player should play until the players in front are out of range.**
3. **If your ball appears headed for a player or group of players immediately shout "fore" in a loud clear voice.**
4. **No one should move, talk or stand close to or directly behind the ball or the hole when a player is addressing the ball or making a stroke.**

ASHRAE GOLF OUTING - MONDAY, MAY 3, 2021***22nd Annual LI ASHRAE GOLF OUTING***
Monday – May 3, 2021**Cherry Valley Club**
Golf Outing Guidelines (Cont'd.)**Golf Carts**

1. No more than two people are to be in a cart at one time.
2. No more than 2 bags are to be carried on one golf cart.
3. Members and their guest must observe all cart directional signs and use cart paths and designated golf cart parking areas where provided.
4. Good judgment, reasonable care, and observation of club rules are expected of any member or guest when operating a golf cart. Damaged golf carts will be repaired at the responsible member's expense. Each member or guest who rents a golf cart agrees to indemnify and hold Cherry Valley Club harmless of and free from any and all damages, judgment, court costs, attorney's fees or other expenses incidental to and incurred by Cherry Valley Club which may arise from misuse of a golf cart by such member or guest.
5. Members and their Guests must keep golf carts at least 10 yards away from greens trees or traps. They should keep a reasonable distance away from soft or wet areas and they must respect directional signs.
6. Golf Carts are not permitted
 - a. In back of the 4th Green
 - b. On any part of the 5th, 9th, or 17th hole
 - c. In back of the 5th green
 - d. To approach the 15th green on the right
 - e. On the right hand side of the 16th green
 - f. In any long grass
 - g. Over any curbs
 - h. Over any berms

Care of the Course

1. Before leaving a sand trap, a golfer should carefully rake and smooth over all holes and footprints made by him.
2. From tree to green, a player should ensure that any turf cut or divot displayed by him is replaced at once and pressed down, and that any damage to the putting green made by a ball is carefully repaired.
3. Golf bags should never be brought onto a green. The flagstick should be carefully handled to ensure that no damage is done to the hole or the putting green. Don't dent the green with the flagstick or by leaning on your putter.
4. In taking practice swings, players should avoid causing damage to the course by taking divots. This is particularly true on the tees and in the vicinity of the greens.
5. Only putters are to be used on the practice greens. A separate practice green adjacent the driving range is available for chipping and sand trap practice.

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Get To Know ASHRAE



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