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## President's Message

Hi Everyone,

I want to thank everyone who attended our second virtual meeting this on October 13th! We had an informative presentation on “VRF Systems: Electronic Expansion Valve & Retrofit Air Handling Unit Technology” presented by Marty Brinton. The presentation was recorded for anyone who missed it but still wants to watch and learn. Marty went into some of the more recent code changes to refrigeration during his presentation. If you didn't know, ASHRAE was started with a large emphasis on refrigeration that still lives on through this day. We are encouraged by Society to maintain a Chair and Subcommittee just for Refrigeration!

We had our YEA event at Revolution Axe Throwing event in Everett, MA on October 7th. It was one of our most well attended YEA events and I'm told that everyone had a great time! YEA will host another event before the end of the year so stay tuned for information on that.

Our next meeting will be virtual format again on November 16th. A PDH credit should be available so please let us know if you need credit when you register.

If you are interested in getting involved or volunteering with the Boston chapter, please get in touch with me and we will have you join our planning meeting to see how you can get involved. We are always looking for volunteers to help out with multiple committees!

Please email me at [c001@ashrae.net](mailto:c001@ashrae.net) or contact any of the volunteers with questions, concerns, or suggestions to help improve our chapter.

Thank you all,  
William Cunningham  
ASHRAE Boston Chapter President



President  
Will Cunningham  
BR+A

*ASHRAE Boston Chapter has positions open for volunteers! See the highlighted openings on the last page. Contact our President Will Cunningham at [c001@ashrae.net](mailto:c001@ashrae.net) if you are interested!*



## NOVEMBER MEETING

**When:** November 16, 2021, 5:30 —6:30 pm, **1.0 PDH Pending**  
**Where:** Virtual Meeting, sign up [here!](#)  
**Topic:** Data Center Cooling & Environmental Control - Technology Evolution  
**Details:** Presenter: Jim Marsh, Jim is a Key Account Manager at Munters' Data Center Technologies, focusing his career on efficient cooling, humidification, and pressurization in the computer room and data center market for over 25 years. Having worked with leading industry manufacturers through applications, product management and systems integration into all classes of data centers, from edge to hyperscale, Jim brings a broad wealth of experience to the owners, engineers, and constructors of today's highly evolved data environments.



Jim Marsh  
Munters

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### Historical News

By: Eric Edman - BR+A

I have shared this story with some of you over the years;

The story goes back a few hundred years to a group of people sailing on a boat looking for a new place to call home. Yes, you guessed it, I am talking about the people on the Mayflower. What some of you may not know is that these people were running low on beer; beer was important for hydration when ships stayed at sea for months. Even today, this is still a cause for alarm; running out of something to drink is serious. But back then when you were stuck at sea it could be the difference between life and death. People knew that if they drank water from a brook they could get sick and possibly die. What they didn't know was that by boiling water to make beer they had killed the "bugs" and made safe water (beer) for consumption. Everybody drank beer to quench a thirst.

Well, here they are, sailing along and one of the smart ones on board suggests, "we should stop here and find a way to brew more beer" the others quickly agreed. Heck, I would have been first to agree! Those people had all the implements with which to make beer. They had big kettles, they could get water and light a fire, they had hops and other ingredients. What they lacked was a sugar source. So, I ask all of you "wicked smaht" people what was it they used as a sugar source? The answer came to them from the Native Americans. They offered up a round and orange item that was grown right here in Massachusetts. Yes, pumpkins. Pumpkins have sugar in them and provided the pilgrims with the sugar they needed to brew beer.

So, when someone asks you what was the very first beer brewed in America you can share this story, sound "wicked smaht" and tell them that Pumpkin Ale was the first American Brew.

This is a history lesson I'll bet none of you will forget. Who knew history could be so much fun.

On a very personal note, I will wish every one of you a very happy Thanksgiving holiday with your families. If you know of someone alone this year-invite them over for your family dinner. We have done this every year at the Edman house and it has created a tradition we have come to enjoy. Thanksgiving at its finest.

All our best,

Eric Edman

[c001his@ashrae.net](mailto:c001his@ashrae.net)

## History Special Feature

### By: Eric Edman - BR+A

Just a few hundred years ago, 400 to be exact, the Plymouth colonists and Wampanoag Native Americans shared an autumn harvest feast that is seen today as the first Thanksgiving celebration in America.

You may recall this story from grade school days. In September of 1620, a small ship named the Mayflower left from Plymouth, England, carrying 102 passengers—a mixed group of people looking for a new home where they could freely practice their faith. They were seeking the promise of prosperity and land ownership in the New World. After a challenging 66 day voyage they dropped anchor near the tip of Cape Cod. The intended destination was the mouth of the Hudson River. Months later, with winter coming, the Mayflower crossed Massachusetts Bay and found the harbor of Plymouth to be inviting. The day before Christmas in 1620 they dropped anchor in Plymouth Harbor.

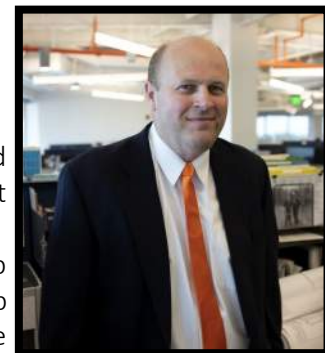
Through that first winter, most of the colonists remained on board the ship, where they suffered from exposure, scurvy and outbreaks of contagious disease. Only half of the Mayflower's original passengers and crew lived to see their first New England spring. In March, the remaining colonists moved ashore, where they received a visit from a Native American.

Several days later, he returned with another Native American, Squanto, who was a member of the Pawtuxet tribe. Squanto had previously been abducted by an English sea captain and sold into slavery; Squanto was able to speak English because of this. He later escaped and returned to Massachusetts on an exploratory expedition. Squanto taught the colonists how to cultivate corn, extract sap from maple trees, catch fish in the rivers and avoid poisonous plants. He also helped the colonists forge an alliance with the Wampanoag, a local tribe, which would endure for more than 50 years.

In November 1621, after the colonists first corn harvest proved successful, Governor William Bradford organized a celebratory feast. He invited a group of the fledgling colony's Native American allies, including the Wampanoag chief, Massasoit. This is now remembered as America's "first Thanksgiving"; the festival lasted for three days. While no record exists of the first Thanksgiving's exact menu, much of what we know about what happened at the first Thanksgiving comes from a colonists diary. Historians have suggested that many of the dishes were likely prepared using traditional Native American spices and cooking methods. Because the colonists (some of whom were Pilgrims) had no ovens and the Mayflower's sugar supply had dwindled by the fall of 1621, the meal did not feature pies, cakes or other desserts, which have become a staple today.

The Colonists (and Pilgrims) held their second Thanksgiving celebration in 1623 to mark the end of a long drought that had threatened the year's harvest and prompted Governor Bradford to call for a religious feast. Days of feasting and thanksgiving on an annual or occasional basis became common practice in other New England settlements as well.

Fast forward a century and a half, during the American Revolution, the Continental Congress designated one (or more) days of thanksgiving a year. By 1789 President Washington issued the first Thanksgiving proclamation by the national government of the United States; in it, he called upon Americans to express their gratitude for the conclusion to the country's war of independence and the successful ratification of the U.S. Constitution. His successors, Presidents John Adams (Quincy resident) and James Madison also designated days of thanksgiving.



Eric Edman  
Historian



One rendering of the First Thanksgiving Meal.

In 1817, New York became the first state to adopt an annual Thanksgiving holiday; prior to this, each state celebrated it on a different day. The Southern states remained unfamiliar with the tradition. In 1827 the noted magazine editor Sarah Hale started an effort to establish Thanksgiving as a national holiday, earning her the nickname the “Mother of Thanksgiving.” America owes so much to Sarah.

In 1863 President Lincoln finally honored Mrs. Hale’s requests. Lincoln proclaimed to all Americans that they should ask God to “commend to his tender care all those who have become widows, orphans, mourners or sufferers in the civil strife” and to “heal the wounds of the nation.” He scheduled Thanksgiving for the final Thursday in November. President Roosevelt did alter the date for a few years around WW2. In 1941 FDR signed a bill to mark the date as we have all come to know it for the last 80 years. So that is how the day and date came to be.

In many American households, the Thanksgiving celebration has lost much of its original religious significance; instead, it now centers on cooking and sharing a bountiful meal with family and friends. Turkey, a Thanksgiving staple so common it has become all but synonymous with the holiday, may or may not have been on the table when the colonists hosted the feast in 1621. There are some who suggest this may or may not have been the “first” Thanksgiving.

There is a lot more to the historical story and it was not my intent to dwell upon history- but let you know a few things you may have forgotten.

It was my intent to make you reflect for a moment on how far we have come in 400 years. None of you have to go cut firewood to keep your house warm. I doubt anyone has to hunt down a turkey today, although you may choose to do so as one of your freedoms. The one thing I really like about Thanksgiving is how it crosses all cultures and races. I have enjoyed hosting out of country guests at our home for many years. I really do count my blessings, enjoy my freedoms, and absolutely love Thanksgiving where we spend a day with our families. I realize none of this has anything to do with HVAC but the theme was all about “firsts” here in the local metro Boston area and this story is steeped in our local history.

May each of you have a Thanksgiving wonderful holiday. Please pass the gravy.

Eric Edman  
c001his@ashrae.net



Boston ASHRAE YEA hosted the first YEA in person social event in over a year. The event hosted about 35 attendees from across the industry. The event was held at Revolution Axe Throwing in Everett on October 7th. Participants were broken into groups for an axe throwing lesson followed by a full group tournament in order to crown the champion of throwing sharp objects. Many laughs and stories were shared all night, with no injuries reported, which attributed to a great success of an event! After a few hours of throwing Jordan Whaley, from Buro Happold took home the title in this year’s YEA tournament.

Be sure to keep an eye out on social media and in the newsletter for the next YEA event or training!

Matt Hallock  
c001yea@ashrae.net



# EVENTS CALENDAR

Date	Event	Location	Event Information
November 16, 2021	November Meeting	<a href="#">Online</a>	Data Center Cooling & Environmental Control—Technology Evolution, Presenter Jim Marsh
November	YEA Event	TBD	TBD
December TBD, 2021	December Meeting	TBD	Joint meeting held by ASPE
January 31— February 2, '22	AHR Expo	Las Vegas, NV	2022 AHR Expo at Las Vegas Convention Center, ASHRAE Free Sessions, New Product Presentations & more! Register <a href="#">here!</a>
January TBD, 2022	January Meeting	TBD	TBD
January 2022	DiA Event	TBD	TBD
February TBD, 2022	February Meeting	TBD	TBD
March 2, 2022	March Meeting	Double Tree, Waltham	Joint meeting with AEE, Hosted by AEE, Heat Pumps, Energy Efficiency, Cold Climate Offerings
April 19, 2022	Product Show	TBD	
May TBD, 2022	May Meeting	TBD	Installation of Officers
May TBD, 2022	DiA Event	TBD	
June TBD, 2022	Golf Outing	TBD	

\*The calendar is subject to changes, please see the [ASHRAE Boston Chapter website](#) for the most up to date information!

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Boston Monthly Meetings	ASHRAE Courses— <a href="#">Complete List</a>
Boston Chapter Special Events	YEA Events
DiA Events	Other Societies Events

Presidential Award of Excellence									
Boston Chapter - 2021-2022									
Chapter Members	Membership Promotion Points	Student Activities Points	Research Promotion Points	History Points	Chapter Operations Points	Chapter Technology Transfer Points	Government Affairs Points	Electronic Communications Points	YEA Points
<a href="#">1000</a>	<a href="#">600</a>	<a href="#">250</a>	<a href="#">120</a>	<a href="#">440</a>	<a href="#">700</a>	<a href="#">200</a>	<a href="#">0</a>	<a href="#">50</a>	<a href="#">750</a>

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Positions are open!  
Please contact  
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Cunningham at  
c001@ashrae.net if  
you are interested!