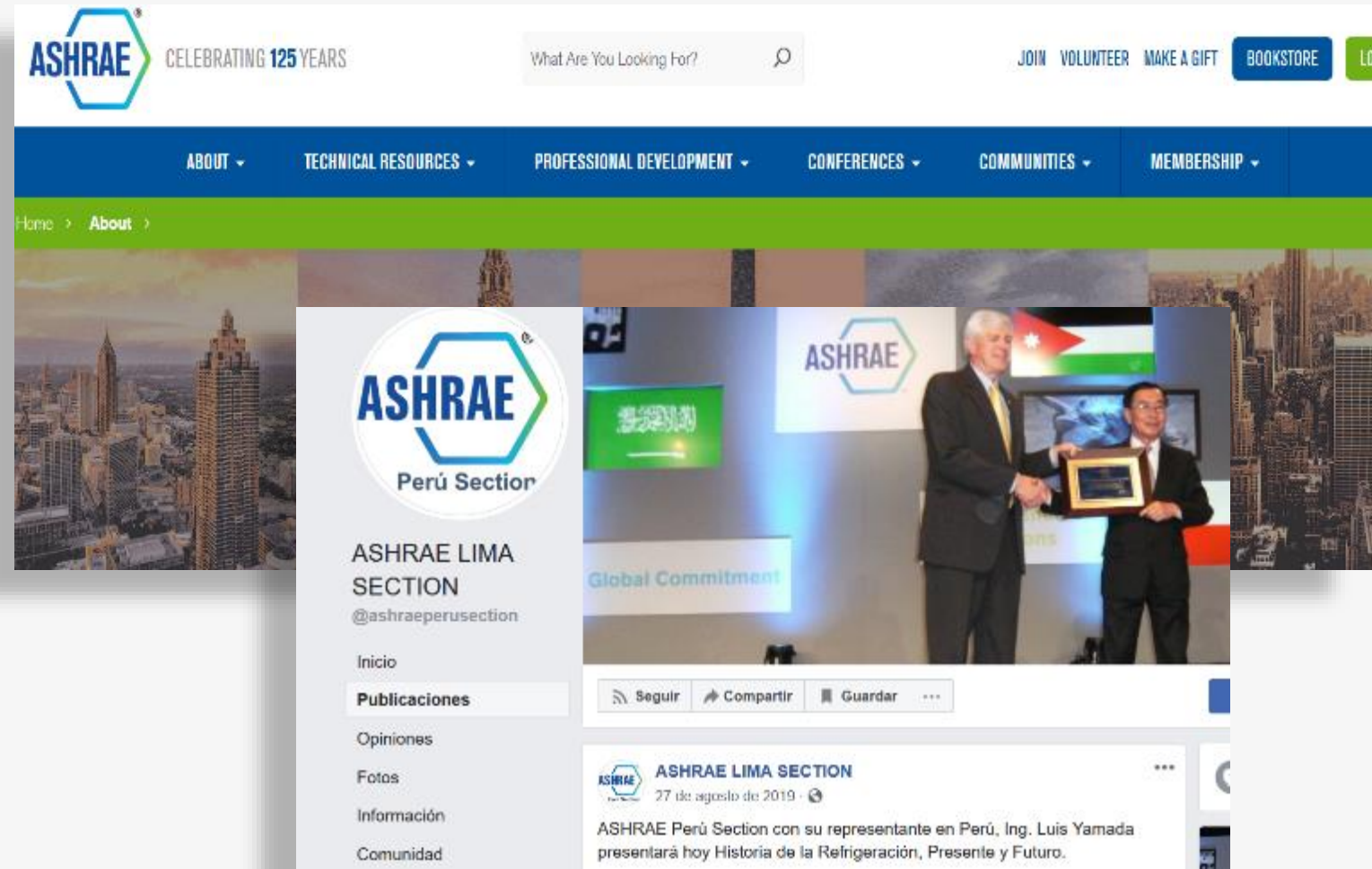


TEMA 2.5

Fuentes de conocimiento de asociaciones
profesionales

American Society Of Heating, Refrigerating And Air - Conditioning Engineers - ASHRAE

- **Inicios:** 1894
- **Integrantes:** 57,000 miembros y 132 países
- **Fines:**
 - ✓ Se enfocan en los sistemas de edificios, la eficiencia energética, la calidad del aire interior y la sostenibilidad dentro de la industria.
 - ✓ A través de la investigación, la redacción de normas, la publicación y la educación continuas, ASHRAE da forma hoy al entorno construido de mañana.



Directamente relacionados con IAQ



ASHRAE 62.1-2019

Standard 62.1-2019 -- Ventilation for Acceptable Indoor Air Quality (ANSI Approved)

ST,



ASHRAE 180-2018

Standard 180-2018 -- Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems (ANSI Approved; ACCA Co-sponsored)

STANDA

[View all](#)

[Preview](#)



INDOOR AIR QUALITY GUIDE, THE: BEST PRACTICES FOR DESIGN, CONSTRUCTION AND COMMISSIONING

BOOK by ASHRAE, 2009

[View all product details](#)



Strategies for Improving IAQ ►

JOURNAL ARTICLE by ASHRAE, 2006.

LANGUAGES: English

MULTI-USER

Guías y reportes especializados sobre el COVID 19



The screenshot shows the ASHRAE website with the header "CELEBRATING 125 YEARS" and a search bar. The main navigation bar includes links for ABOUT, TECHNICAL RESOURCES, PROFESSIONAL DEVELOPMENT, CONFERENCES, and COMMUNITIES. The breadcrumb trail shows "Home > Technical Resources >". The main content area features a large banner with the text "COVID-19 (CORONAVIRUS) PREPAREDNESS RESOURCES" and a background image of a person looking at a building. Below the banner, there is a section titled "ASHRAE Offers COVID-19 Building Readiness/Reopening Guidance" with a list of resources and a media contact. The text of the guidance is as follows:

ASHRAE Offers COVID-19 Building Readiness/Reopening Guidance

- On: May 2020
- Reference:
- Atlanta, GA

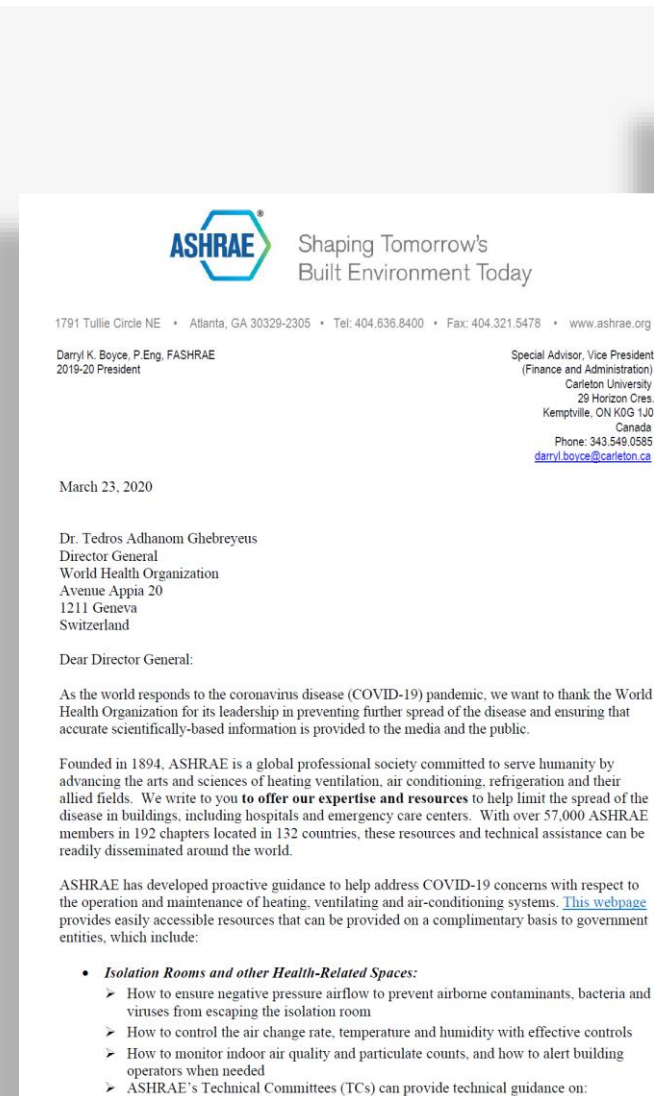
Media Contact:
Shari Simmons
904-516-0660
simmons@ashrae.org

ATLANTA (May 15, 2020) – The ASHRAE Technical Committee has developed guidance on mitigating potential health risks during reopening of buildings and during the COVID-19 pandemic.

"We have reached a time where planning for a safe return to normal activities has become a priority," said Darryl K. Boyce, P.Eng., ASHRAE 2019-20 President. "Safe operation of HVAC and building water management systems are critical components of building readiness and reopening, and ASHRAE's resources provide a framework for developing plans in a variety of building types."

ASHRAE's recommendations for reopening buildings are outlined in the frequently asked questions section of its [COVID-19 Reopening guidance](#). These recommendations for building readiness and reopening include the following:

- Create a strategic plan prior to opening a building. The plan should include measures to make occupants feel safer, ensuring supply chain for critical items such as filters and communication plans for building support and safety measures for occupants.
- If the building opening takes place when Personal Protective Equipment (PPE) requirements are still in place, ASHRAE's [Emergency Guidance on ventilation and isolation](#) for existing buildings during the epidemic.
- Review HVAC engineering to provide building readiness before and post occupancy. This includes operating the return fans as well as avoiding the outside air dampers. For buildings without the capacity to treat large quantities of outside air and where outside air conditions are not suitable, open all windows for a minimum of two hours before re-occupancy.
- Ensure that critical usage includes proper starting procedures built from EPA and CDC guidelines on approved products and methods.
 - Disinfect high-touch areas of HVAC and other building service systems (e.g., air off switches, thermostats).
 - Disinfect the interior of return air filters (e.g., refrigerators, where the virus can potentially reside for long periods of time).



The screenshot shows the ASHRAE Position Document on Infectious Aerosols. The header includes the ASHRAE logo and the tagline "Shaping Tomorrow's Built Environment Today". The contact information for Darryl K. Boyce, P.Eng., FASHRAE, is provided. The document is dated March 23, 2020, and is signed by Dr. Tedros Adhanom Ghebreyesus, Director General of the World Health Organization. The text of the document is as follows:

ASHRAE Shaping Tomorrow's Built Environment Today

1791 Tullie Circle NE • Atlanta, GA 30329-2305 • Tel: 404.636.8400 • Fax: 404.321.5478 • www.ashrae.org

Darryl K. Boyce, P.Eng., FASHRAE
2019-20 President

Special Advisor, Vice President
(Finance and Administration)
Carleton University
29 Horizon Cres.
Kemptville, ON K0G 1J0
Canada
Phone: 343.549.0585
darryl.boyce@carleton.ca

March 23, 2020

Dr. Tedros Adhanom Ghebreyesus
Director General
World Health Organization
Avenue Appia 20
1211 Geneva
Switzerland

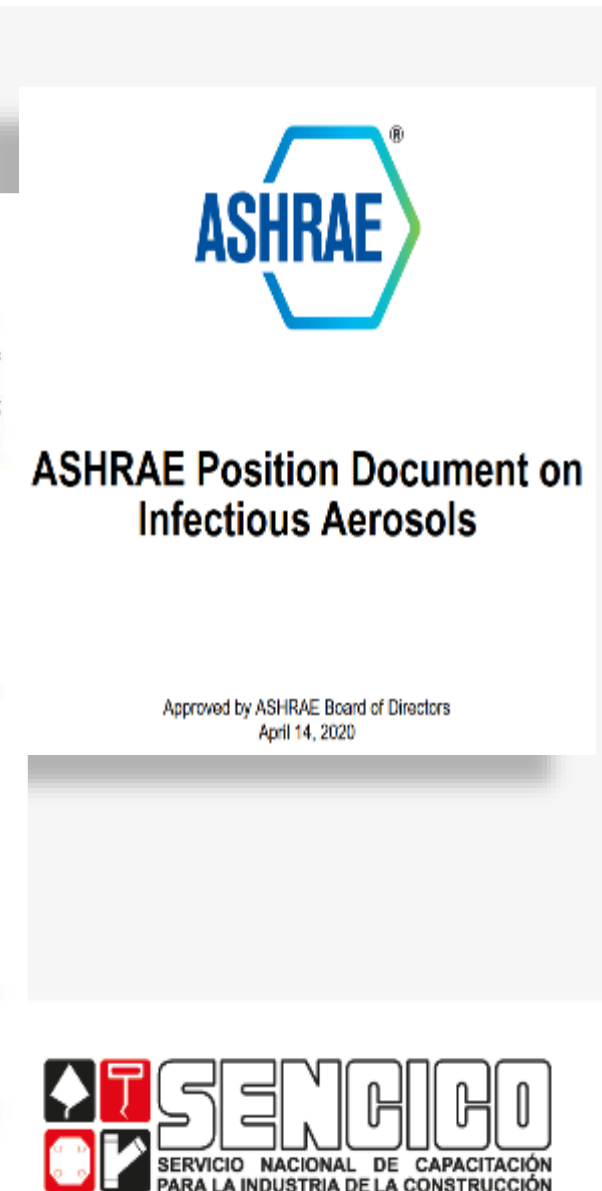
Dear Director General:

As the world responds to the coronavirus disease (COVID-19) pandemic, we want to thank the World Health Organization for its leadership in preventing further spread of the disease and ensuring that accurate scientifically-based information is provided to the media and the public.

Founded in 1894, ASHRAE is a global professional society committed to serve humanity by advancing the arts and sciences of heating ventilation, air conditioning, refrigeration and their allied fields. We write to you to **offer our expertise and resources** to help limit the spread of the disease in buildings, including hospitals and emergency care centers. With over 57,000 ASHRAE members in 192 chapters located in 132 countries, these resources and technical assistance can be readily disseminated around the world.

ASHRAE has developed proactive guidance to help address COVID-19 concerns with respect to the operation and maintenance of heating, ventilating and air-conditioning systems. [This webpage](#) provides easily accessible resources that can be provided on a complimentary basis to government entities, which include:

- **Isolation Rooms and other Health-Related Spaces:**
 - How to ensure negative pressure airflow to prevent airborne contaminants, bacteria and viruses from escaping the isolation room
 - How to control the air change rate, temperature and humidity with effective controls
 - How to monitor indoor air quality and particulate counts, and how to alert building operators when needed
 - ASHRAE's Technical Committees (TCs) can provide technical guidance on:



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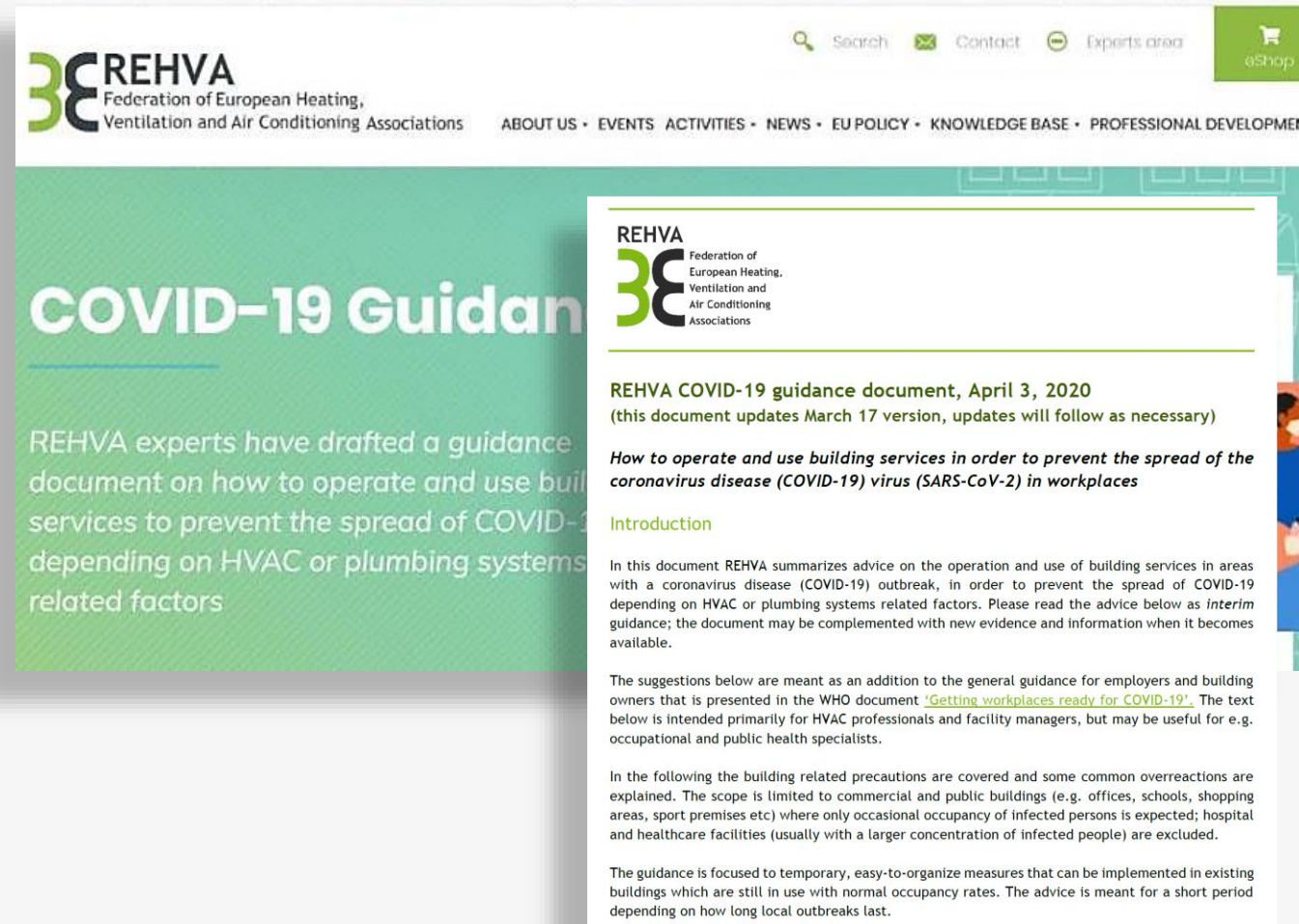
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 - How to monitor indoor air quality and particulate counts, and how to alert building operators when needed
 - ASHRAE's Technical Committees (TCs) can provide technical guidance on:

Federation of European Heating, Ventilation and Air Conditioning Associations - REHVA

- **Inicios:** 1963
- **Integrantes:** 120,000 miembros y 27 países europeos
- **Fines:**
 - ✓ Servir a sus miembros y al campo de la ingeniería de la edificación (calefacción, ventilación y aire acondicionado).
 - ✓ Facilitar el intercambio de conocimientos, apoyando el desarrollo de políticas comunitarias relacionadas y su implementación a nivel nacional.
 - ✓ Desarrollar y difundir tecnología económica, energéticamente eficiente, segura y saludable para los servicios mecánicos de la edificación.



Asociación Colombiana de Acondicionamiento del Aire y de la Refrigeración - ACAIRE

- **Inicios:** 1981
- **Integrantes:** 270 miembros
- **Fines:**
 - ✓ Promover el conocimiento, la responsabilidad y honestidad en la aplicación de la ingeniería y la tecnología de refrigeración, ventilación y climatización.
 - ✓ Desarrollo profesional y empresarial, la satisfacción de sus afiliados y partes interesadas, fortaleciendo su presencia en el gremio y prestando su servicio con profesionales comprometidos y competentes que buscan el cumplimiento de los estatutos y requisitos aplicables.



Federación de Asociaciones Iberoamericanas de Aire Acondicionado y Refrigeración - FAIAR

- **Inicios:** 2001 en Madrid
- **Integrantes:** 14 países
- **Fines:**
 - ✓ Integrar esfuerzos de asociaciones regionales.
 - ✓ Promover la integración de las Asociaciones afines de la región iberoamericana.
 - ✓ Promover ciencia y aplicación de la Calefacción, Ventilación, Aire Acondicionado y Refrigeración – CVAR y otros relacionados.
 - ✓ Promover y desarrollar congresos, programas y actividades de educación e investigación en ingeniería de CVAR.
 - ✓ Promover programas de nivelación e investigación tecnológica en los países miembros.

