



## LEADERS IN OZONE LAYER & CLIMATE PROTECTION



### MONTHLY ELECTRONIC NEWSLETTER

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### MOPIA's 32<sup>nd</sup> AGM on Earth Day 2026

MOPIA's 32nd Annual General Meeting will be held on Earth Day, Wednesday, April 22, 2026 in Winnipeg. The AGM will start at 5:45 pm and be live-streamed. The link can be seen at [www.mopia.ca](http://www.mopia.ca) or by contacting MOPIA by email or phone. Election of members to our Board of Directors will occur. If you are interested, contact MOPIA or see the AGM's Nomination Paper and Agenda online.



MOPIA's AGM this April offers members an opportunity to take a more active role in shaping the future of Manitoba's refrigeration community. Each year, members have the chance to put their name forward to join the MOPIA Board of Directors which is a group of dedicated professionals who help guide the association's priorities, initiatives, and advocacy for the industry. Serving on the board is a rewarding way to share your voice, collaborate with peers, and contribute to the continued growth and strength of our profession. Whether you are passionate about advancing the industry, supporting fellow professionals, or simply curious about how MOPIA operates behind the scenes, we encourage you to attend the AGM and learn more.

Your perspective matters, and this is the opportunity to help shape what comes next!

### Certification Fees to Remain \$25



Certification renewal fees for individual certified technicians in Manitoba will remain at \$25 for the 2026-27 period. This is a 0% rate increase from last year. This certification fee has remained unchanged since 2005! An unprecedented history of remaining unchanged for some 20 years. Yes, two full decades!

MOPIA has successfully and extraordinarily maintained fee stability by intensely scrutinizing costs for our office over these years, taking advantage at sales for everything from paper to computers, trimming any evident excess, holding wages and salaries at sustainable rates, having a volunteer Board of dedicated volunteers and utilizing resources responsibly.

All certified technician cards expire June 1. Beginning in May 2026, technicians may renew their certification for a one year period online, by email, over the phone, mail, fax or by coming into 845 Henderson Hwy. MOPIA plans to email renewals to tech's directly and use direct mail sparingly for renewal notices to continue to transition to a greener process and reduce the impact of rising paper/printing and postage costs.



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Find us @ [mopia.ca](https://www.mopia.ca)

# MOPIA

## Manitoba Ozone Protection Industry Association

### Airport Sets the Standard with Groundbreaking CO<sub>2</sub> Heating & Cooling Upgrade

Sustainability is taking flight at Ordos Ejin Horo Airport, China, where a major HVAC upgrade has replaced fossil-fuel heating with cutting-edge CO<sub>2</sub> (R744) technology. This airport now operated with a fully integrated CO<sub>2</sub>-based heating and cooling system. German manufacturer Güntner supplied 18 high-performance evaporators, each rated at 350kW, while Haier Carrier provided six transcritical CO<sub>2</sub> units delivering climate control across the terminal and surrounding buildings.

Photo credit: Güntner.



6 evaporators serve the existing building, replacing traditional boilers, while 12 additional units provide both heating and cooling for the newly constructed space. Led by Peking University, the zero-carbon initiative integrates on-site photovoltaic power to supply 100% of the HVAC system's energy demand. The results are significant: an annual reduction of 5,500 metric tons of carbon emissions and 5.5 million kilowatt-hours in electricity savings. The project also introduced three global innovations, including a wide-temperature-range CO<sub>2</sub> energy supply system and an AI-powered platform that optimizes green electricity use year-round. This installation demonstrates how natural refrigerant technology can transform large-scale public infrastructure, delivering measurable environmental impact while setting a new benchmark for sustainable aviation facilities.

Source: China: [Sustainability Upgrade at Ordos Airport Includes CO<sub>2</sub> Heating and Cooling](#)

### MOPIA Outreach starting in May



MOPIA is beginning to confirm locations for our annual outreach sessions planned to begin in May. These free lunch sessions update/hear stakeholder concerns across Manitoba. See [www.mopia.ca](http://www.mopia.ca)

### Climate Change & Ozone Layer

The current state of the Earth's Stratospheric Ozone Layer is giving promising results as it is slowly repairing itself, as anticipated. Since the implementation of The 1987 Montreal Protocol by the global community, regulatory measures have allowed for the phase out of ozone depleting substances including CFCs and HCFCs. Currently, the United Nations is urging governments to submit their Nationally Determined Contributions (NDC) to follow through with plans made in the Paris Agreement. These NDCs would help to create a proper plan to be put in place to reduce greenhouse gases emissions even further. Even with the Ozone Layer slowly repairing itself, global warming (climate change) is still evidently occurring. The increase in greenhouse gases such as methane has risen since 2020 and is continuing to trend upwards. The increase in greenhouse gases is trapping more heat and changing our weather cycle. Some refrigerants contribute to climate change (i.e. HFCs).

See: <https://unfccc.int/>

<https://www.un.org/en/climatechange/preserving-the-ozone-layer>

<https://unccelearn.org/>

<https://www.un.org/en/climatechange>

