

At Price Industries, we recognize the profound impact that businesses can have on the environment, and we want to do our part to protect the planet for future generations. We are committed to corporate sustainability and are working to continually strengthen our environmental efforts.

Our current areas of focus include the following.

## **INDUSTRY INVOLVEMENT**

The HVAC industry is constantly evolving. Seeing the market's energy-reduction goals, calls for decarbonization, reduction in fossil fuel use and net-zero stretch goals, Price is committed to the research, development, design and application of energy-efficient products. We strive to be a thought leader in this area and are dedicated to sharing our knowledge and educating others in the industry about how they can use this emerging technology in their projects.

- We offer a suite of solutions chilled beams, displacement ventilation, radiant panels, underfloor air distribution and variable air volume (VAV) diffusers that can consume less energy than traditional air distribution methods. Hydronic products, such as chilled beams and radiant panels, use water to move energy throughout a space, which is often more efficient than using air. Because water has a higher heat-transfer capacity and is denser than air, it absorbs and transfers more heat per unit of volume, which can be advantageous in applications such as heating systems and climate control. In the case of displacement ventilation and underfloor air distribution, these systems rely on natural convection to move air throughout a space, using buoyancy forces from differences in air stratification rather than fan energy. Mechanically cooled air, supplied at a low level and at a low air speed, fills the room. When that air comes into contact with a heat source (such as a person), it warms up and rises to be removed at a high level. The diffusers used in these systems have a lower static pressure drop than those used in conventional systems, which push air at a high velocity out of a ceiling diffuser to uniformly mix the air in the space. This high-velocity air comes with high static pressures that have to be forced by fans, which require electricity. Finally, VAV diffusers are low-pressure control devices, reducing required fan horsepower, and they create small zones of individual comfort, reducing overcooling and overheating.
- In 2023, we spent **1,700 hours** testing these advanced products at our laboratory, Price Research Center North, in Winnipeg, MB.
- We regularly publish white papers and journal articles about these products to share our research with the industry. Recent publications include "Reducing Airborne Particulates Using Displacement Ventilation" in the December 2022 issue of *ASHRAE Journal* and "Investigation of Airborne Particle Exposure in an Office with Mixing and Displacement Ventilation" in the April 2022 issue of *Sustainable Cities and Society*.
- Each year, we offer a variety of in-person and virtual training options to HVAC industry professionals that focus on the trend toward designing and constructing energy-efficient buildings and how to apply products to accomplish these goals. In 2023, we spent **43,092 hours** educating HVAC engineers and sales representatives about topics related to this suite of products.

## **RESPONSIBLE MANUFACTURING**

Being a responsible manufacturer means being dedicated to identifying opportunities for sustainability throughout our day-to-day operations. Our current programs aim to address waste reduction and diversion, pollution prevention and resource conservation.

• We've implemented comprehensive recycling programs for raw metal offcuts at all manufacturing facilities in Canada and the United States. In 2023, we offset an estimated **101,942 gigajoules** of primary energy<sup>i</sup> by sending aluminum offcuts generated by our product fabrication processes back to the mills to be recycled into new primary metal.



As of Q2 2024, 64% of indoor forklifts used in our manufacturing facilities are electric. Unlike forklifts that use fossil fuels, electric forklifts use a rechargeable battery that operates with low emissions.

## **ENERGY CONSUMPTION**

Our energy-related efforts emphasize two areas: energy conservation and clean-energy consumption. Each year, we strive to continuously improve, and wherever possible, the electricity we use in our facilities comes from low- and zero-carbon sources or renewable sources. Low- and zero-carbon sources include hydraulic turbine, nuclear steam turbine, wind, solar, geothermal and biomass, and renewable sources include hydraulic turbine, wind, solar, geothermal and biomass.

- As of Q2 2024, **72%** of the square footage in our plants and offices in Canada and the United States is illuminated by LED lighting, which consumes less energy and lasts longer than incandescent bulbs.
- In 2023, 70%<sup>ii</sup> of the total kilowatt hours of electricity consumed by our facilities in the United States and Canada came from low- and zero-carbon sources.
- In 2023, 60%<sup>iii</sup> of the total kilowatt hours of electricity consumed by our facilities in the United States and Canada came from renewable sources.

## **ENVIRONMENTAL RESPONSIBILITY**

We believe that successful environmental policies reach both near and far. Our efforts dedicated to climate action and environmental conservation extend from our strategic initiatives, such as where we locate our plants, to educating our team members and encouraging participation in environmental awareness programs, such as the Price Green Team.

- Founded and headquartered in Winnipeg, Canada, we expanded our air distribution manufacturing into the United States in 1989 – first to Georgia and then to Arizona in 2003. This distributed plant strategy not only allows us to improve our service levels by manufacturing our products closer to our customers but also saves an estimated 4.5 million gallons of diesel every year.<sup>iv</sup> This is equivalent to 32 million miles on the road.<sup>iv</sup>
- Since 2022, a group of employee volunteers known as the Price Green Team has cleaned up more than **2,700 pounds** of garbage from Price's campuses, not only improving our own properties but preventing refuse from blowing into neighboring areas.
- Through battery collection drives with our employees, more than **500 kilograms** of batteries has been diverted from landfills and sent for responsible recycling since 2022.

We at Price are regularly making strides to reinforce our current environmental programs and to explore new areas where we can make a difference within our organization. We are grateful for the continued support of our suppliers, sales representatives, employees and industry partners as we all work together toward a brighter, more sustainable future.

- i. Calculated based on the primary energy consumed during the life cycle of recycled aluminum versus the primary energy consumed during the life cycle of nonrecycled aluminum for the total amount of aluminum sent for recycling by Price plants in 2023.
- ii. Calculated based on the most recent published power generation data from the following sources: 2022 Generation & Emissions Report from Jackson Electric Membership Corporation; 2023 Facts & Figures from Georgia Power; Canada's Renewable Power
  – Ontario from Canada Energy Regulator; Corporate Responsibility Report from Arizona Public Service, updated April 2023; and Manitoba Hydro's Environmental, Social, and Governance (ESG) Report for the year ended March 31, 2023.



- iii. Calculated based on the most recent published power generation data from the following sources: 2022 Generation & Emissions Report from Jackson Electric Membership Corporation; 2023 Facts & Figures from Georgia Power; Canada's Renewable Power
  – Ontario from Canada Energy Regulator; Corporate Responsibility Report from Arizona Public Service, updated April 2023; and Manitoba Hydro's Environmental, Social, and Governance (ESG) Report for the year ended March 31, 2023.
- iv. Calculated based on shipping miles and estimated diesel consumption from the flagship plant in Winnipeg, Canada, for the one-year period from Q3 2022 to Q2 2023 for all Canada and US delivery locations.