

# HVAC Products and Services

*For New Nuclear Development*

**CURTISS -  
WRIGHT**

Nuclear Industry Products and Services



## About Curtiss-Wright

Curtiss-Wright is an industry leader and comprehensive source for HVAC solutions. With over 100 years of combined experience supporting nuclear utilities, the DOE and the DOD, we empower nuclear plants to maintain existing systems and install new, turnkey safety-related HVAC systems with confidence. Our team provides custom-tailored, end-to-end support for every HVAC need, offering an extensive range of commercial and safety-related components, including dampers, chillers, heat exchangers, air filtration systems, and more. All nuclear HVAC equipment we supply is manufactured to ASME Section III, Section VIII, and 10CFR50 Appendix B.

Our full-service commercial grade dedication, equipment qualification, and seismic testing programs enable us to support any OEM replacement. If a component is obsolete or difficult to source, we can reverse engineer it to your exact specifications. Every solution we deliver covers all aspects of the HVAC process: from evaluation, to design, to manufacturing, qualification, and sales support after delivery.

With a team of industry experts, we continue to develop and deliver cutting-edge solutions that support safe operations, equipment reliability, and regulatory compliance. As the nuclear industry advances, Curtiss-Wright remains ready and equipped to meet the evolving demands of Advanced Reactors and Small Modular Reactor development.

## Chillers and Dampers

Curtiss-Wright specializes in designing and manufacturing chillers, dampers, and replacement parts for the commercial nuclear market.

### Chillers

Curtiss-Wright offers a wide variety of commercial and safety-related chillers that are precision-engineered to meet your specifications. Our approach is designed to deliver the highest value to our customers, with continued focus on solutions to save time, effort, cost, and space. We leverage our long-standing history in the nuclear industry with our strategic partnerships to offer modern solutions and address all demands.

### Dampers

Curtiss-Wright supplies a comprehensive range of dampers, providing nuclear facilities with reliable solutions for virtually every need and application. Our designs are fully customizable to any scale and available in a broad range of configurations. These solutions give plants the confidence to maintain existing systems and implement new turnkey, safety-related or commercial installations with ease.

## Collaboration

To meet the broad range of customer needs, Curtiss-Wright partners with leading organizations through strategic agreements covering both equipment and intellectual property. Our teaming partners include Ruskin, Camfil, Drake, and Aerofin.

- York Parts Center & Install Base Support
- Ruskin Dampers
- Drake Refrigeration
- Aerofin Heat Exchangers
- Camfil Filtration
- CVI/CTI Legacy Products



# HVAC Products and Services

*For New Nuclear Construction*

## Chillers

- Parts, Replacements, and Maintenance
- Highly Efficient and Reliable Designs
- Strong OEM Partners
- Walk Down Services

## Dampers and Actuators

- Designs for Every Application

## Heat Exchangers

- Cooling and Heating Coils
- ASME Section VIII

## Containment Filtration

- Housings
- Filters (Pre, HEPA, ASHRAE)
- Carbon Filters
- Changeout Carts

## Air Handling Units

- COTS and Highly Customized

## Fans and Motors

- Custom Designed Motors for All Needs

## Other Offerings

- Fans
- Ductwork
- Flex Connections
- Electric Heaters
- Hydronic Unit Heaters
- Control System Components
- Purge Units
- Moisture Separators
- Valves
- Commercial Grade Dedication Services

## Quality Standards

- CSA N285
- CSA B51
- CSA CAN3-Z299.2
- 10 CFR 50 Appendix B
- 10 CFR Part 21
- ASME NQA-1
- Audited by Nuclear Procurement Issues Committee (NUPIC)
- Audited by Nuclear Industry Assessment Committee (NIAC)



## CONTACT INFORMATION:

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