



Phoenix
AIR SYSTEMS™

Specializing in Critical Process Air Management



PH-SERIES **Hygienic Air Handlers**

- For critical process environments such as food or pharmaceutical grade production and process facilities.
- 1,500 to 84,000 CFM.
- Sanitary design with smooth, flat surfaces.
- Insulated, double wall construction.
- Watertight design for wash down.
- Vertical or horizontal fresh air intake.
- End or bottom air return opening.
- End, bottom, top or side air discharge opening.
- Multiple pre, intermediate and final filtration options.
- Direct and indirect fired gas burners for clean-up mode.
- Optional steam, hot water (glycol) and hot gas reheat coils.
- PLC control available.



PE-SERIES **Penthouse Refrigeration Units**

- For a variety of cooler and freezer applications.
- Factory-assembled, roof top units.
- Refrigeration piping, electrical wiring and condensate drain lines outside the refrigerated space.
- Smooth, galvanized interior finish (aluminum or stainless steel options).
- Embossed, galvanized exterior.
- PLC control available or customer-supplied controls.



PD-SERIES **Desiccant Dehumidification Air Handlers**

- For food processing, process manufacturing, materials handling, commercial or military applications.
- Standard sizes and a variety of custom configurations up to 50,000 CFM.
- Rugged, industrial dehumidification wheel.
- Insulated, double wall construction.
- Separate regeneration heating section with multiple heating options.
- Sanitary design with minimal catch points.
- Multiple heating and cooling options.
- End or top return air opening.
- End, bottom, top or side air discharge opening.
- Multiple pre, intermediate and final filtration options.
- PLC control available.



AIR DISTRIBUTION ACCESSORIES **Supply Air Diffusers and Return Air Boxes**

- Condensate control with stainless steel construction and heat tracing.
- Watertight seal designed for wash down duty.
- Fixed, anodized aluminum or stainless steel grills.
- Optional, 4-way adjustable aluminum or stainless grills.
- Optional washable filters on return air boxes.

www.phoenixairsystems.com



PCM-SERIES Direct-Fired Air Handling Units

- 1,000 to 60,000 CFM.
- Upright or horizontal, indoor or outdoor configurations.
- Choice of 100% make up air or outdoor air/return air arrangements.
- ETL certified in United States;
100% outdoor air model only ETL certified in Canada.



PI-SERIES Indirect-Fired Air Handling Units

- 3,500 to 57,000 CFM.
- Upright or horizontal, indoor or outdoor configurations.
- Choice of 100% make up air or outdoor air/return air arrangements.
- Evaporative or mechanical cooling available.
- ETL certified in United States and Canada.



PM-SERIES Direct-Fired Air Handling Units

- 1,600 to 85,000 CFM.
- Rugged, all-welded construction.
- Variable volume discharge available.
- Upright or horizontal, indoor or outdoor configurations.
- Evaporative or mechanical cooling available.
- 100% outdoor air or variable return air/outdoor air arrangements.
- ETL certified in United States;
100% outdoor air model only ETL certified in Canada.

UHA[X][S]-SERIES Axial Fan Unit Heaters

- 30,000 to 385,000 Btu/h inputs.
- 82% efficiency with tubular heat exchangers and power vent.
- Non-separated or separated combustion units.
- Stainless steel heat exchanger option.
- Remote fan operation for summer air circulation.
- CSA certified in United States and Canada.



UHD[X][S][R]-SERIES Duct Furnaces

- 75,000 to 385,000 Btu/h inputs.
- 82% efficiency with tubular heat exchangers and power vent.
- Non-separated or separated combustion units.
- Approved for installation down stream of refrigeration system with optional stainless steel heat exchangers and drain pan (Models UHDX[S]R 150-400 only).
- CSA certified in United States and Canada.



Installation Code and Annual Inspections:

All installation and service of PHOENIX AIR SYSTEMS™ equipment must be performed by a contractor qualified in the installation and service of equipment sold and supplied by Phoenix Air Systems and conform to all requirements set forth in the PHOENIX AIR SYSTEMS™ manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment. To help facilitate optimum performance and safety, Phoenix Air Systems recommends that a qualified contractor conduct, at a minimum, annual inspections of your PHOENIX AIR SYSTEMS™ equipment and perform service where necessary, using only replacement parts sold and supplied by Phoenix Air Systems.

Further Information: Applications, engineering and detailed guidance on systems design, installation and equipment performance is available through PHOENIX AIR SYSTEMS™ representatives. Please contact us for any further information you may require, including the Installation, Operation and Service Manual.

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