

LOW NO_x DUCT BURNERS

DB-LN Series



BURNERS | FLARES | THERMAL OXIDIZERS
VAPOR CONTROL | RENTALS | AFTERMARKET



LOW NO_x DUCT BURNERS

DB-LN Series

Clean power starts with clean combustion.

As power industries discover the bottom-line value of cleaner, more efficient production, Zeeco is there with the latest combustion and environmental technologies to help advance fossil-fueled operations.

Our mission? To introduce smart solutions to complex problems.

At Zeeco, we engineer end-to-end combustion and environmental systems that play vital roles in economies around the world. Our DB-LN duct burners provide reliable, supplementary firing for utility and process industries that generate thermal power or steam.

Zeeco's DB-LN burner series minimizes emissions while maximizing fuel flexibility and energy use. Each burner is application-engineered to specific facility, utility, and process conditions using the latest modeling techniques and real-world testing.

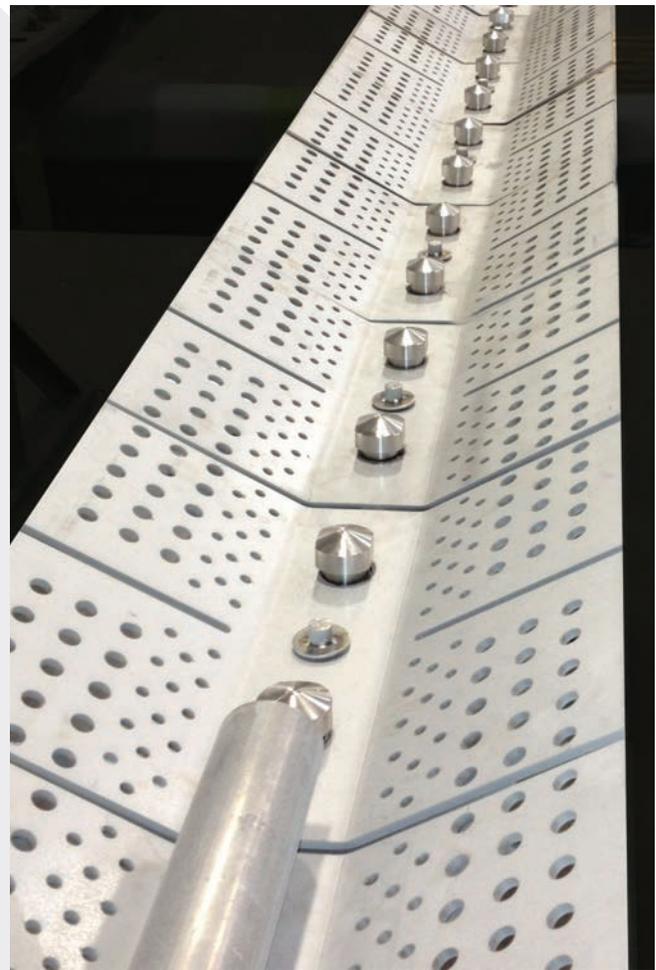
The result? Superior performance to handle the heaviest loads on demand.

Lower emissions, better reliability, and exceptional flexibility.

ZEECO® DB-LN duct burners are engineered for electric utility facilities, cogeneration plants, independent combined cycle plants, waste heat recovery steam applications, flue gas reheat for SCR emission reduction projects, and other air heating applications.

- Exceptional fuel flexibility: Zeeco's DB-LN series efficiently fires gaseous fuels, including cost-saving opportunity fuels, across a variety of heating values, saving significant fuel cost over time.
- Robust and reliable: Materials of construction specifically designed for each application.

- Low-NO_x emissions control: Controlled mixing within the combustion zone achieves low NO_x and CO emissions levels for supplementary firing systems in new and retrofit applications.
- Optional burner management systems: Reliable and efficient, Zeeco's burner management systems offer seamless integration into existing plant systems. Turnkey installation, commissioning, and startup availability around the clock.



Low-NO_x Duct Burner



ProFlame+ Flame Scanner



Burner Management System

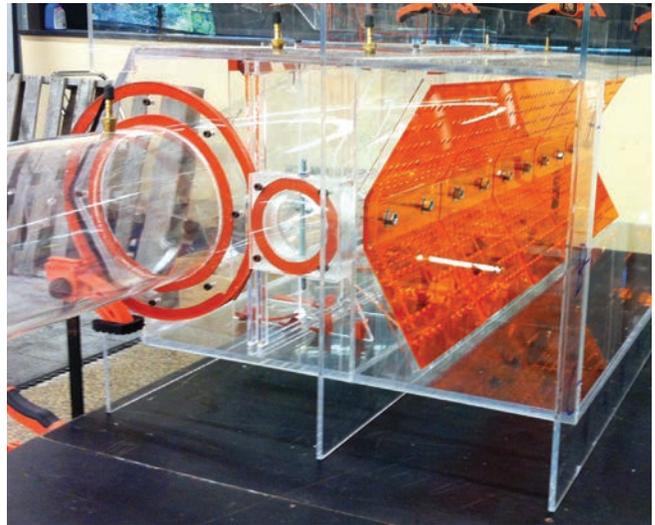
The technical resources to make a smarter difference.

Whether we're retrofitting an existing facility to meet new emissions standards, or designing a comprehensive firing system for a modern power facility, Zeeco offers the expertise and technical resources to meet the world's most powerful challenges.

- Global experience, local expertise: With thousands of installations in 100 countries, 21 worldwide locations, and six manufacturing centers, Zeeco is hard at work on virtually every continent.
- Full-line supplier: Extensive portfolio of power, process, package, and duct burners; flaring systems; thermal oxidizers (incinerators); pilots; flame scanners; and burner management and controls systems. We also offer complete aftermarket parts, services, and engineered solutions.
- Advanced modeling and testing: Zeeco employs physical air flow and CFD modeling to simulate flame behavior and interaction under varying conditions, fuel types, and flows. We also perform industrial-scale testing at Zeeco's Combustion Research and Test Facility, the largest of its kind in the world with one of the largest watertube test boilers.
- Complete turnkey service: Let Zeeco handle the details. Our project management team will assume responsibility for all project phases—from engineering and design to equipment purchase, fabrication, testing, site supervision, installation, and checkout.

Get to know Zeeco.

Zeeco is a privately held company that attracts the best and brightest engineers around the world. For more than 40 years, we've demonstrated the positive difference working with us can make on complex projects—and our customers are quick to agree. Find out for yourself why Zeeco is the preferred choice for advanced combustion and environmental solutions.



Physical Air Flow Modeling



Zeeco's global headquarters houses office, manufacturing, and research and testing facilities all on a debt-free 250 acre (1 km²) campus near Tulsa, Oklahoma, USA



The Zeeco Difference

By concentrating on what we do best, Zeeco has grown into a worldwide leader in combustion and environmental solutions. We are a privately held company whose ownership stays highly involved in daily operations, with upper management comprised of the world's leading combustion experts.

When you call Zeeco, we answer. When you make a request, you get a quick, efficient response. We are lean and efficient, able to make decisions quickly, without bureaucracy and red tape. Our sales, engineering, and purchasing groups work hand-in-hand to deliver highly competitive quotes and heroic turnaround times. We stand ready and willing to travel anywhere in the world to discuss upcoming projects firsthand, and to ensure that every existing project runs seamlessly.



Visit zeeco.com/contact for additional Global Location contact information



Choose to work with our dedicated, flexible, and innovative team, and you won't be disappointed. Call or email us today to request a quote or to learn more about our proprietary combustion systems.

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REGISTERED
ISO 9001:2015

Certification applies to
Zeeco Headquarters.