

VICTORY ENERGY[®]

COMPANY ENGINEERING MANUFACTURING COMBUSTION AFTERMARKET CAREERS NEWS CONTACT

VISION BURNER



VISION[®]
series



Concept to Completion[®]

FULL STEAM AHEAD!

VISION BURNER

The VISION® BURNER technology ensures complete and efficient combustion with very low emission; < 30 ppm NOx with low FGR rates. This sturdy and simple design translates into high reliability and low maintenance.

The center core flame serves a dual purpose of igniting the main pre-mix flame while also stabilizing it during nominal operation. The core flame is capable of firing independently to increase the turndown ratio; in excess of 10:1 (depending on available gas pressure).

The glass Vision® Door allows for a safe visual inspection during burner operation, providing an unprecedented level of insight into the furnace "black box".

Numerical fluid flow simulation tools were used during the design of the VISION® BURNER, allowing the traditional windbox to be replaced by strategically placed baffles and openings between the fan and the burner throat, making the burner very compact and efficient.

The VISION® BURNER compact design is well suited to retrofit applications as well as new installations.



VICTORY ENERGY®

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1-877-783-2665

VICTORY ENERGY OPERATIONS, LLC | 10701 E. 126TH ST. N., COLLINSVILLE, OK 74021 | TEL: 918.274.0023 FAX: 918.382.4896

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