

LOW NO_x VISION BURNER

The VISION® BURNER technology ensures complete and efficient combustion with very low emission; < 30 ppm NO_x 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 premix 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”.



TOTAL INTEGRATION

Victory Energy offers a complete suite of solutions that work efficiently and seamlessly with all Vision Burners. Our in-house team of control experts and engineers design complete combustion packages.

• Burner Management Systems

Victory Energy provides a wide array of burner management options for all Vision burner products. These solutions allow for the safe and efficient use of the burner that are flexible and offer easy monitoring from initial start-up to full operations mode and on through to shutdown.

• Controls Instrumentation



Victory Energy has a team of engineers totally versed and engaged in control instrumentation products that are continually

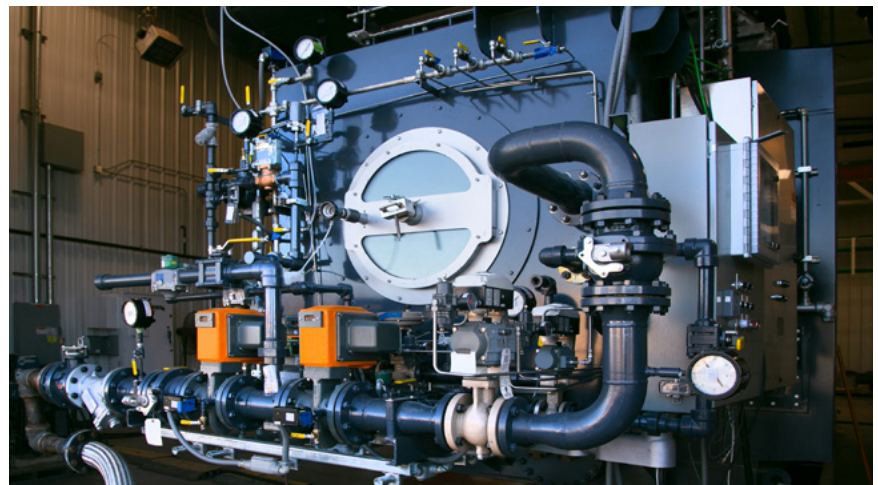
developing custom engineered controls configurations that are right for the individual burner application.

• Fuel Trains



Fuel train systems are a critically important component of the performance for all Victory Energy Vision burners. This includes

natural gas, fuel oil and other less common fuels. Each fuel train is designed to provide a delivery system that is uniquely tailored to the specified fuel(s).



SERIES MODEL	MIN (MMBTU/HR)	MAX (MMBTUHR)	FUEL TYPE	EMISSIONS (GAS)	TURNDOWN (GAS)
VS-0	12	20	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-0.5	20	36	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-1	36	45	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-2	45	56	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-3	56	70	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-4	70	88	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-5	88	109	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-6	109	137	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-7	137	171	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-8	171	213	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-9	213	266	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-10	266	333	Gaseous / Liquid	Sub 30 PPM	>10:1
VS-11	333	417	Gaseous / Liquid	Sub 30 PPM	>10:1



A PROVEN CHOICE, FOR ALL KINDS OF COMBUSTION.

- Center core gas:
 - Pilot to ignite the burner
 - Stabilizer for the main pre-mixed flame
- Ultra Low-NO_x (<30 ppm)
- Low maintenance (no moving parts)
- Turndown ratio in excess of 10:1
- Large viewport / Access door
- Unparalleled visual inspection of the flame core

For more information, contact a Combustion Solutions Engineer at Victory Energy:

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