



QMR™ Patented*

Industry-proven, ultra low-NOx burner featuring INFURNOx™ technology.

John Zink Company, the world leader in advanced clean-air solutions, offers the **QMR** – industry's standard for ultra low-emission burner performance.

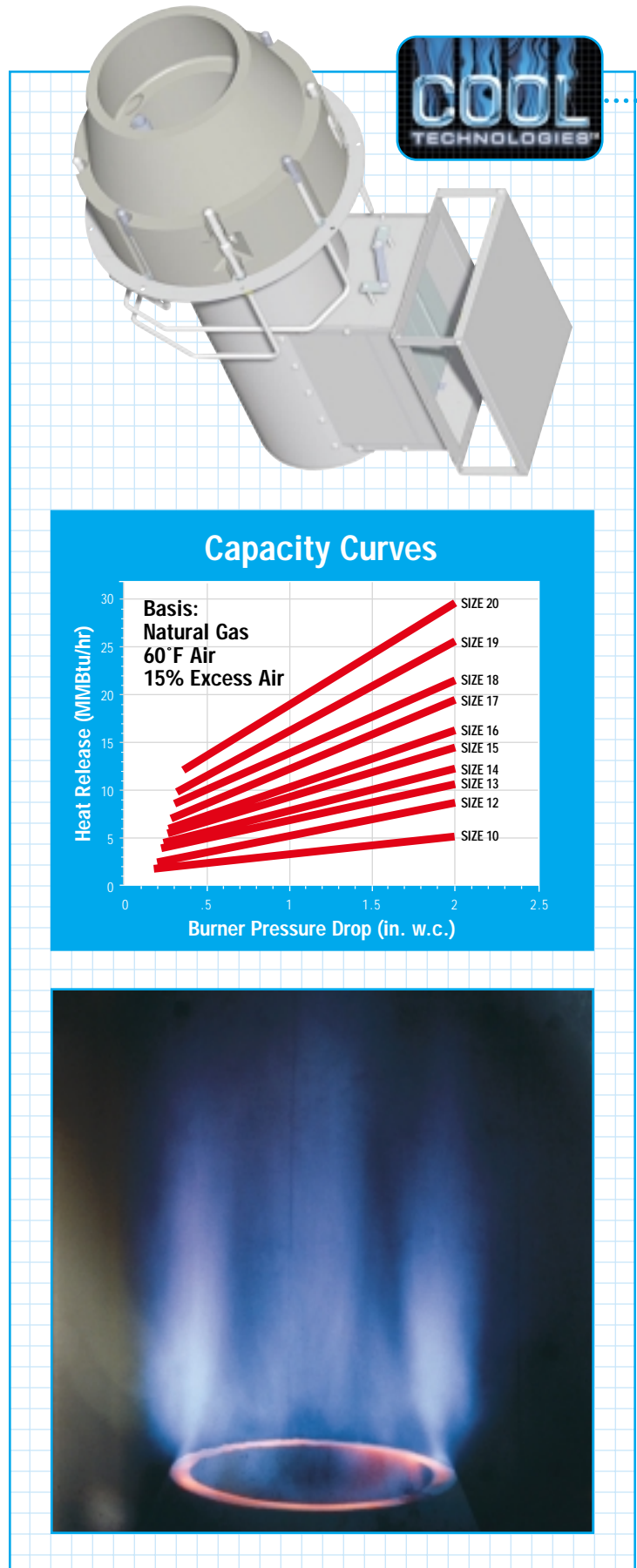
The gas-fired QMR burner meets various environmental regulation requirements using our patented INFURNOx technology, an in-furnace flue gas recirculation process proven to reduce emissions. Supported by field-proven experience and world-renowned research and testing, the QMR burner provides global industry with an economical solution to comply with air quality regulations.

Advantages

- INFURNOx technology mixes flue gas with fuel in the primary combustion zone to reduce NOx while producing a stable flame
- Patented design produces more narrow flames
- Stable burner operation provides superior turndown and flexibility
- Adaptable to fire waste gases as an alternative to flaring
- Operator friendly
- Absence of metal flame holder reduces downtime and lifecycle costs
- After-the-sale service experts ensure optimum operation

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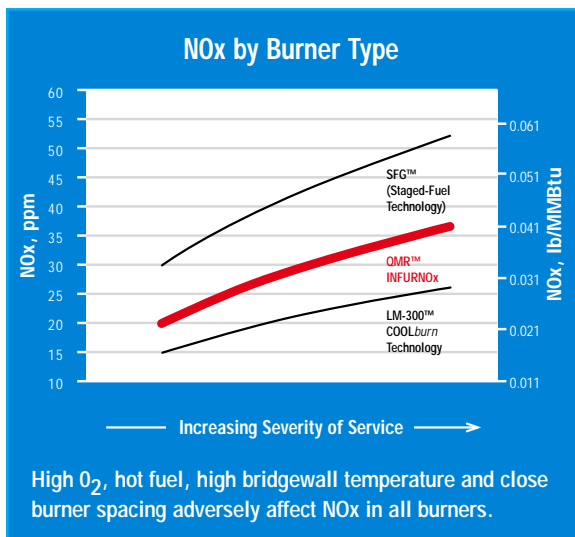
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Zink®



.....> QMR Specifications

- Natural or forced draft burner with common or individual plenums
- Round-flame, staged-fuel, gas-only ultra low-NOx burner
- Vertically or horizontally mounted and fired
- Field-proven NOx reduction as low as 0.025 lb/MMBtu (20 ppm) with INFURNOx technology

At John Zink Company, we know the real world relies on clean air to thrive and survive. That's why for nearly 70 years, JZ® burner systems have met the toughest clean-air challenges on earth, using breakthrough technologies that help global industries operate cleaner and more economically. And that lets us all breathe easier.



For more information about the QMR, contact the clean combustion experts at John Zink Company.

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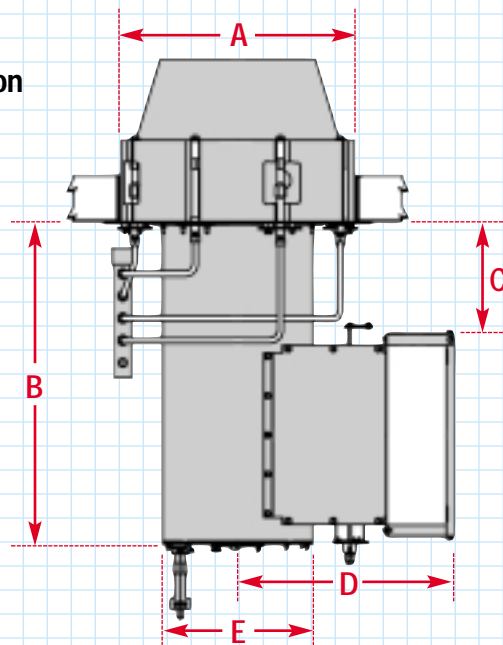
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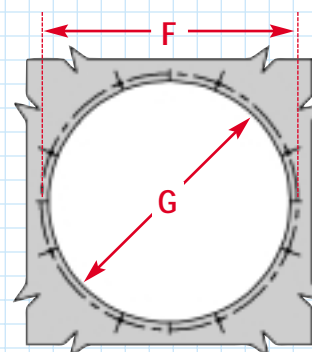
QMR Dimensions

QMR Burner Size	A Tile O.D. (in.)	B Plenum Height (in.)	C Air Inlet Clearance (in.)	D Air Inlet Projection (in.)	E Plenum O.D. (in.)	F Mounting Flange (in.)	G Heater Cutout (in.)
10	23.5	31.5	12.125	17.50	12.25	28	24.5
11	24.5	32.5	12.125	18.75	13.25	29	25.5
12	25.5	33.5	12.125	20.25	14.25	30	26.5
13	26.5	34.5	12.125	21.75	15.25	31	27.5
14	27.5	39.5	15.125	23.50	16.25	32	28.5
15	28.5	40.5	15.125	25.00	17.25	33	29.5
16	29.5	41.5	15.125	26.50	18.25	34	30.5
17	30.5	42.5	15.125	27.75	19.25	35	31.5
18	31.5	43.5	15.125	29.25	20.25	36	32.5
19	32.5	44.5	15.125	30.75	21.25	37	33.5
20	33.5	45.5	15.125	32.25	22.25	38	34.5
21	34.5	46.5	15.125	33.75	23.25	39	35.5

Elevation View



Mounting Detail



The QMR burner is covered by one or more of the following U.S. Patent Numbers 5344307, 5238395, 5275552, 5269678. Japan Pat. No. 2633452. Canada Pat. No. 2076689.