

GAS BURNERS 40-SERIES



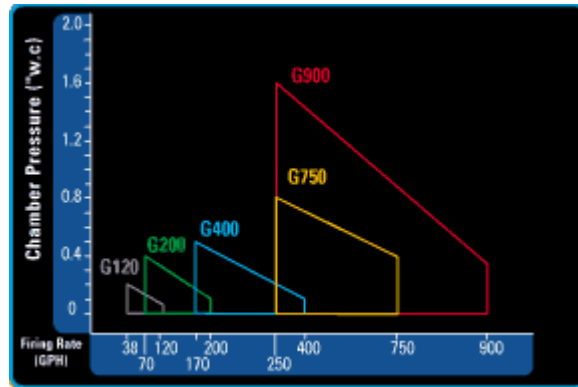
40-Series G120 - G750

On-Off • 38 - 750 MBTUH

40-Series G900

2-Stage • 250 - 900 MBTUH

Technical Data



Model	On-Off								2-Stage	
	G120		G200		G400		G750		G900	
Fuel Type	Natural	Propane	Natural	Propane	Natural	Propane	Natural	Propane	Natural	Propane
Firing Rate Btuh x 1,000	38 - 120		70 - 200		170 - 400		250 - 750		250-490 ¹ 360-900 ²	
Manifold Gas Pressure (\"w.c.) min.- max.	.52-2.05	.51-1.87	.7-1.84	.9-2.96	.9-1.8	1.04- 3.04	1.4-2.1	1.0-3.0	.55-1.1 ¹ 2.3-3.3 ²	1.7-3.4 ¹ 2.6-6.0 ²
Burner Supply Pressure (\"w.c.) min.-max.	4 - 10	8 - 13	4 - 10	8 - 13	4 - 10	8 - 13	7 - 14	8 - 13	7 - 14	8 - 13
Motor Ratings	120v 60Hz 2.2amp 3250rpm						120v 60Hz 4.3amp 3250rpm			

(1) Low Fire (2) High Fire

40-Series gas burners are CSA, CGA and AGA approved.

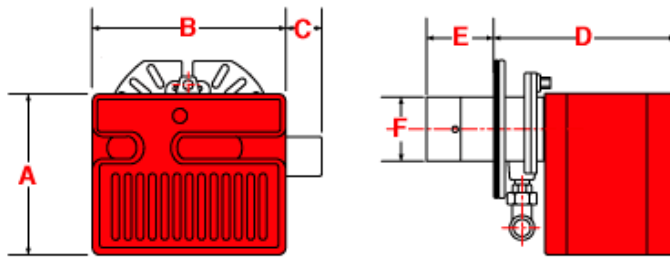


Product Overview:

Quality engineered to Riello's world-class standard, 40-Series gas burners are built for maximum uptime. Riello 40-Series high-efficiency burners not only deliver low energy consumption and quiet, worry-free performance, they're the most reliable combustion technology on the market.

And Riello 40-Series gas burners offer a host of advanced features - such as durable, lightweight, compact construction; an integrated electronic control box with interrupted ignition; and an automatic air shutter that eliminates heat loss and enhances efficiency.

Easy to install and service, and backed by coast-to-coast support, Riello 40-Series gas burners are available with firing rates from 38 to 900 MBtuh to handle a



Model	On-Off				2-Stage	
	G120	G200	G400	G750	G900	
A	8 ¹ / ₂ " (215mm)	9 ³ / ₁₆ " (233mm)	10 ⁵ / ₁₆ " (262mm)	11 ³ / ₄ " (298mm)	11 ³ / ₄ " (298mm)	
B	9 ¹⁵ / ₁₆ " (252mm)	10 ¹¹ / ₁₆ " (272mm)	12" (305mm)	13 ³ / ₄ " (350mm)	13 ³ / ₄ " (350mm)	
C	1 ³ / ₈ " (35mm)	1 ³ / ₈ " (35mm)	1 ³ / ₈ " (35mm)	N/A	3 ³ / ₄ " (95mm)	
D	9 ¹ / ₁₆ " (230mm)	11 ⁵ / ₈ " (295mm)	13 ¹¹ / ₁₆ " (347mm)	15 ⁵ / ₁₆ " (389mm)	15 ⁵ / ₁₆ " (389mm)	
E	SBT Fixed flange	3 ³ / ₈ " (85mm)	3 ³ / ₈ " (85mm)	3 ³ / ₄ " (95mm)	4 ¹ / ₈ " (105mm)	4 ¹ / ₈ " (105mm)
	LBT	10" (255mm)	10" (255mm)	10" (255mm)	10 ⁵ / ₈ " (270mm)	10 ⁵ / ₈ " (270mm)
F	3 ⁹ / ₁₆ " (91mm)	3 ⁹ / ₁₆ " (91mm)	4 ¹ / ₈ " (105mm)	4 ¹⁵ / ₁₆ " (125mm)	4 ¹⁵ / ₁₆ " (125mm)	