

Economite® RE Series

Power Gas Burners

★MADE in the USA★



Midco®
INTERNATIONAL

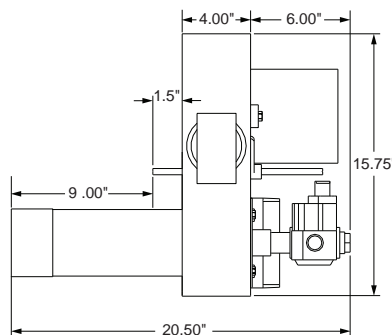
Economite RE 4000 Series

Power Gas Burners

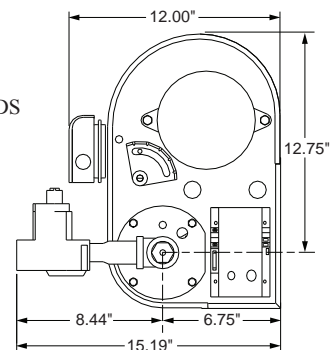
★MADE in the USA★

Midco's Economite Family of Burners

Backed by 60 Years of Experience



RE 4400DS

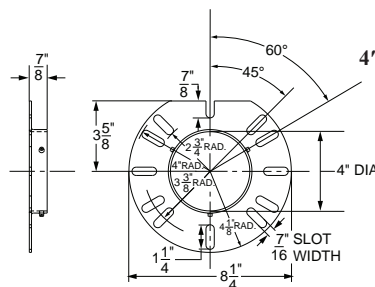


132,000 to 400,000 Btu/Hr

RE 4400DS

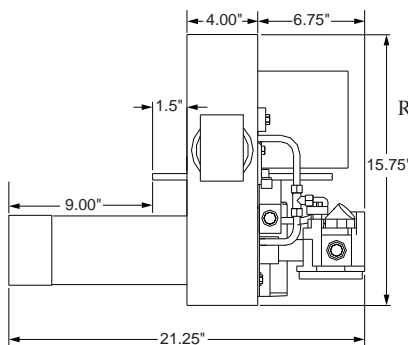
Direct Spark Ignition

24 Volt Control and Gas Train

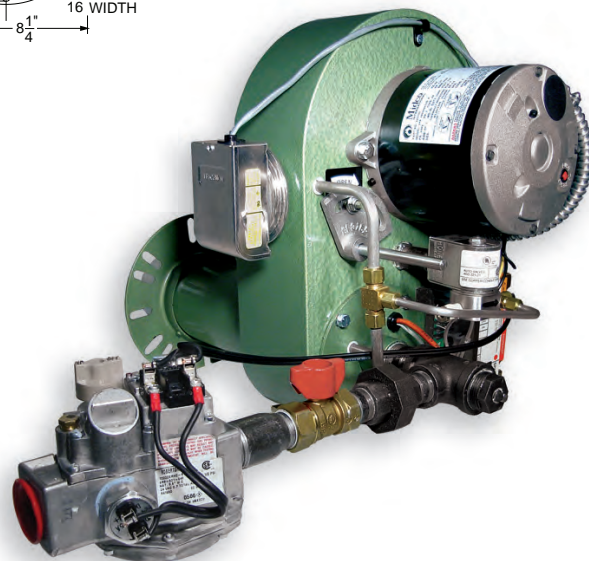
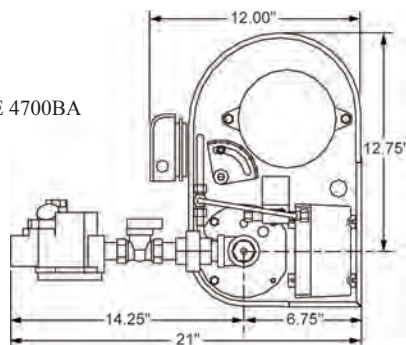


4" Flange for RE 4000 Series

Models - RE 4400DS
RE 4700BA
RE 4850A
RE 4850BA



RE 4700BA



230,000 to 700,000 Btu/Hr

When You Need to

Turn On the Heat

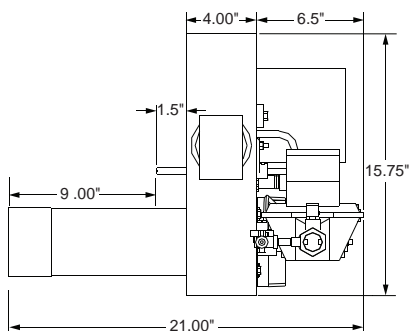
Choose Midco

RE 4700BA

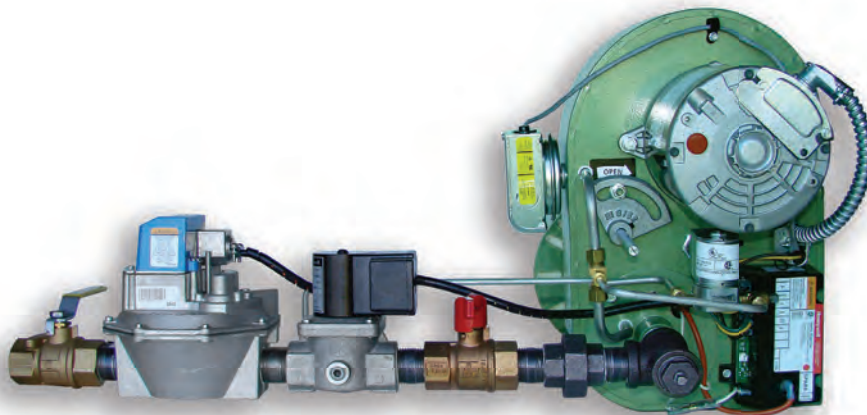
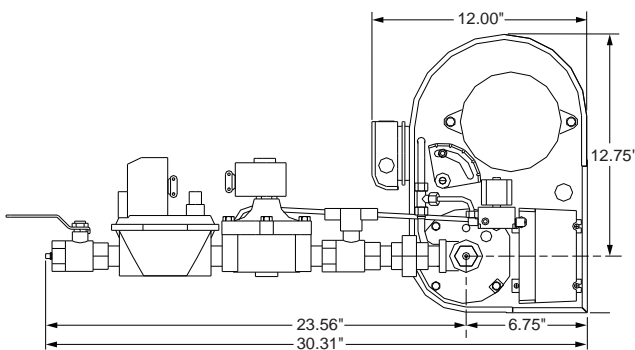
Intermittent Spark Ignited Pilot

24 Volt Control and Gas Train

*Assembled, Factory Fired Tested
And Ready for Installation*



RE 4850BA

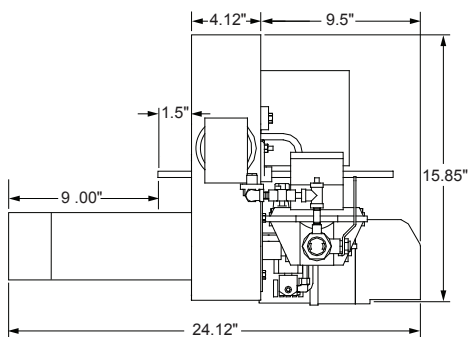


280,000 to 850,000 Btu/Hr

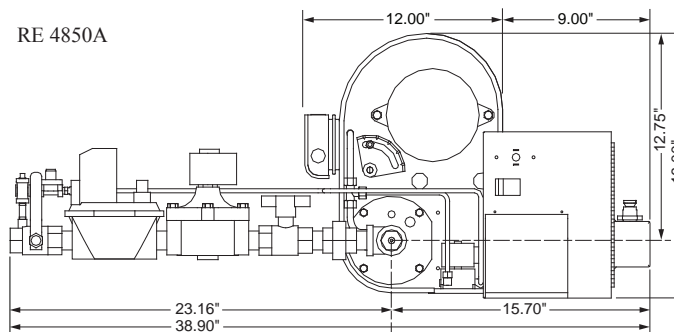
Flexible, Compact Design

RE 4850BA

Intermittent Spark Ignited Pilot
24 Volt Control and Gas Train



RE 4850A



280,000 to 850,000 Btu/Hr

RE 4850A

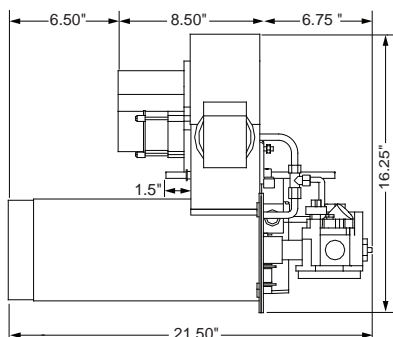
Intermittent Spark Ignited Pilot
120 Volt Control and Gas Train

*Whether you purchase a standard unit or have us create one to fit your application,
you can be assured of having purchased the finest power gas burner in the industry.*

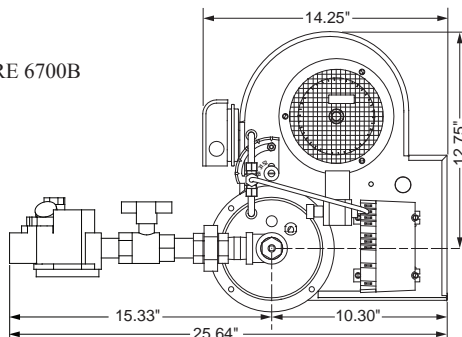
Quality Designed for Proven Performance

Economite RE 6000 Series

Power Gas Burners

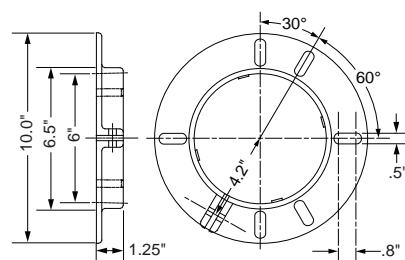


RE 6700B



6" Flange for RE 6000 Series

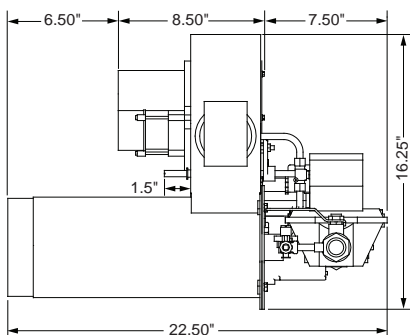
Models RE 6700B
RE 6850
RE 6850B



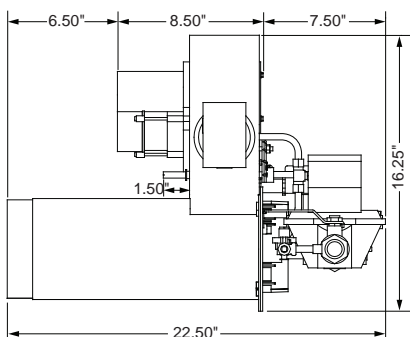
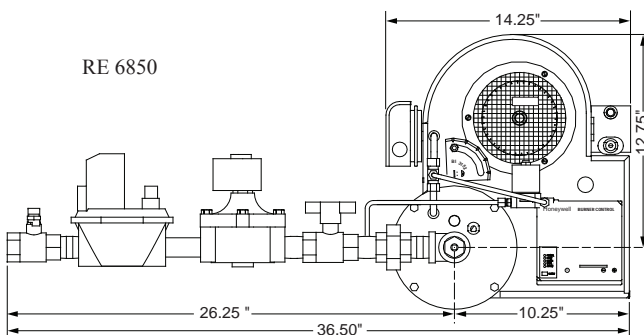
275,000 to 700,000 Btu/Hr

RE 6700B

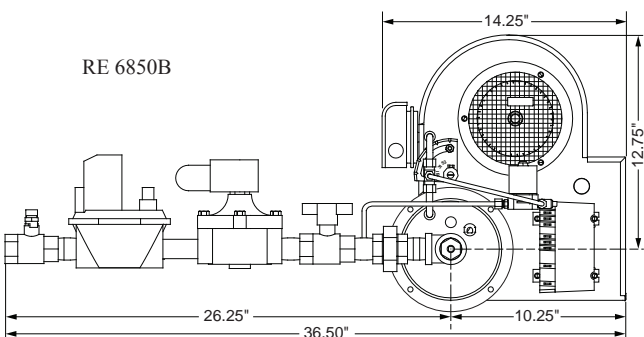
Intermittent Spark Ignited Pilot
24 Volt Control and Gas Train



RE 6850



RE 6850B



Dependable

Performance

RE 6850 - 275,000 to 825,000 Btu/Hr
RE 6850B - 275,000 to 825,000 Btu/Hr

RE 6850 & RE 6850B

Intermittent Spark Ignited Pilot

Control and Gas Train: RE6850 - 120 Volt RE6850B - 24Volt

Economite® RE Series

Power Gas Burners

★MADE in the USA★

The Economite RE Series retention head shapes the flame into a compact flame pattern. This design concentrates heat to the most efficient heat exchange surfaces

Features & Benefits

The RE Series Technology Provides . . .

- . . . a uniform heat throughout the length of the heat exchanger creating consistent heat distribution characteristics
- . . . increased combustion efficiency by reducing the volume of oxygen used for the combustion process
- . . . operation under variable draft or positive pressure conditions

The RE Series Has . . .

- . . . sheet metal construction allowing high volume production resulting in competitive pricing and shorter lead-times
- . . . a simple removable burner cartridge for easy service
- . . . an optional welded flange assembly is available to accommodate OEM specifications
- . . . an external air shutter for easy adjustment
- . . . full burner capacity firing up to 1/2" W.C. positive combustion chamber pressure
- . . . a universal adjustable mounting flange making installation fast and easy

The RE Series Is . . .

- . . . pre-piped, pre-wired and factory fire tested
- . . . available with UL / FM / GAP valve trains and controls
- . . . customizable in configurations to meet your needs



RE4400DS

Applications

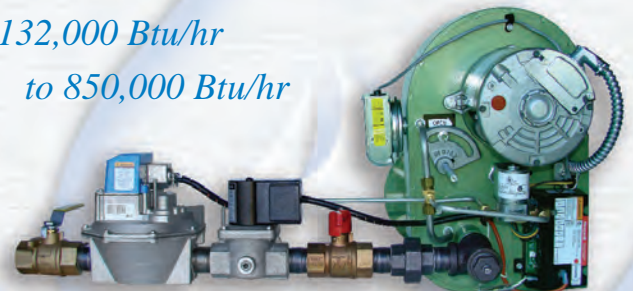
The RE Series is engineered to serve a wide variety of applications or can be customized to accommodate the OEM's specific requirements.

Agricultural Processing	Incinerators
Baking Ovens	Micro Brewing
Boilers	Crop Drying
Coffee Roasting Equipment	Process Ovens
Furnaces	Space Heating
Food Service Equipment	Spray Booths
Pressure Washers	Water Heaters

Contact Midco for gas burner application assistance

RE Series

*132,000 Btu/hr
to 850,000 Btu/hr*



RE4850BA

Specifications

Model Number	Minimum Firing Rating *	Maximum Firing Rating *	Gas Connection Pipe Size	Gas Pressure ³ Required Natural or Propane	Diameter of Nozzle	Maximum Nozzle Insertion Depth	Motor HP	Design Certification or Listed by	Primary Safety Voltage	Shipping Weight
RE4400DS	132,000*	400,000*	3/4" NPT	7.0" to 14.0" W.C.	4.0"	8.0"	1/6 ¹	U.L./C.U.L Listed	24V	40 lb
RE4700BA	230,000*	700,000*	1" NPT	7.0" to 14.0" W.C.	4.0"	8.0"	1/6 ¹	U.L./C.U.L Listed	24V	47 lb
RE4850BA	280,000*	850,000*	1" NPT	7.0" to 14.0" W.C.	4.0"	8.0"	1/6 ¹	U.L./C.U.L Listed	24V	55 lb
RE4850A	280,000*	850,000*	1" NPT	7.0" to 14.0" W.C.	4.0"	8.0"	1/6 ¹	U.L./C.U.L Listed	120V	59 lb
RE6700B	275,000*	700,000*	1" NPT	6.0" to 14.0" W.C.	6.0"	6.0"	1/7 ²	U.L./C.U.L Listed	24V	47 lb
RE6850B	275,000*	825,000*	1" NPT	6.0" to 14.0" W.C.	6.0"	6.0"	1/7 ²	U.L./C.U.L Listed	24V	50 lb
RE6850	275,000*	825,000*	1" NPT	6.0" to 14.0" W.C.	6.0"	6.0"	1/7 ²	U.L./C.U.L Listed	120V	50 lb

* Btu/Hr

- Electrical Supply 115 / 1 / 60 ¹ as standard
- Available in Natural and LP
- LP requires a conversion kit

Gas Burner Draft Motors ¹

- 115 / 1 / 60
- 230 / 1 / 60

^{1 & 2} Contact Midco for 50 Hz Applications (non-UL Listed)
³ For Lower Gas Inlet Capacities Contact Midco

Gas Burner Draft Motors ²

- 115 / 1 / 60



The RE Series is an assembled power burner with an ignition control system. For further information please contact sales@midcointernational.com

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Quality Designed for Proven Performance



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