



GR BURNER

Carlisle's GR Burner produces similar flame characteristics to the CC Plus Burner (Bulletin 10A). Much like the CC Plus, the GR is setup with a pre-mixed center fire and a surface mixed outer fire which are independently controlled. The major difference between these two burners is in their body styles. The CC Plus Burner is meant for use as a bench mount burner, the GR is a more versatile head that can be used as a bench burner or a lathe burner. These burners may be used with a mixture of oxygen and either natural gas, propane, or even hydrogen.

The GR is characterized by a shorter body without valves or a mixing chamber. This makes the GR head a lighter burner that can fit into areas where other bed burners could not. The GR burner is controlled by a set of remote valves such as a VMB-4 (Bulletin 16E). This valve metering block has it's own mixing chamber set up with four valves to create three separate outputs. These outputs are gas, oxygen, and gas/oxy mixed for use with the pre-mixed center fire. Most often, the remote valving is connected to the GR Burner through the use of stainless steel braided hosing. If designated, three 72" hoses are supplied with the burner. The GR Burner head can be water cooled as an option.

The GR Burner can be purchased with a CC burner base that clamps onto the GR's body. This bench mount allows the GR to function as a standard bench work torch. Although, this base is easily removed to adapt the GR to a lathe burner assembly. The Lathe Attachment is an adaptive piece that allows the burner head to be mounted onto a lathe's fire carriage. Since there are many different types of lathes, the Carlisle Lathe Attachment is designed with the customer's requirements in mind. The GR burner will produce **190,000 Btu's @ 5 psi** natural gas.



GR Burner with Bench Mount
(Without hosing and VMB-4)
10B001-0000

BULLETIN REFERENCES	
VMB-	Bulletin 16E
Hosing-	Bulletin 24D
Safety-	Bulletins 18A, 18B
Foot Controls-	Bulletins 16F, 28A

CATALOG NUMBER	BURNER DESCRIPTION
10B001-0000	GR Burner with Bench Mount (Without hosing and VMB-4)
10B002-0000	GR Burner without Bench Mount (Without hosing and VMB-4)
10B003-0000	GR Burner with Bench Mount (With hosing and VMB-4)
10B004-0000	GR Burner without Bench Mount (With hosing and VMB-4)
10B007-0000	Lathe Attachment for GR Burner

Carlisle Machine Works, Inc.,
P.O. Box 746, 412 S. Wade Blvd., Bldg. #5, Millville, NJ 08332
Phone: (856) 825- 0627 Fax: (856) 825 - 5510
Web Site: www.carlislemachine.com E-Mail: carlisle@carlislemachine.com
Toll Free In Continental US (800) 922-1167