



BUNSEN BURNERS

BULLETIN REFERENCES

Carlisle Bunsen Burners are manufactured from brass. The Bunsen Burner Series is offered with several different types of burners. All Carlisle Bunsen Burners come with an integral hose adapter that fits from 1/4" to 3/8" ID hosing. The Carlisle Bunsen Burner Series is able to use natural gas or propane. When ordering it must be specified which gas is to be used.

Valves - Bulletins 16A, 16D
Hosing - Bulletins 24D

Please note:

In our attempt to keep costs down we have decided not to Nickel Plate our Burners in the future. This does not affect the performance of the burner. Pictures shown are with nickel plating.



111

111 Approximately 2570 BTU

The No. 111 Bunsen Burner is constructed with an air shutter at the bottom of the main mixing tube. The air shutter can be opened or closed to control the amount of inspired air necessary for your application. The stabilizing ring located at the top of the tube, acts as a pilot to prevent flashbacks and blow-offs of the master flame.

Overall length 4" height without flame. (Photo At Left)



115

115 Approximately 2570 BTU

Similar in design to the No. 111, the No. 115 offers a larger collar to allow a greater intake of air. This model also has a stabilizing ring and an air shutter for controlling the amount of inspired air. **Overall length 4" height without flame. (Shown with Flame guard in picture at left, flame guard sold separately)**

116 Approximately 1050 BTU

The revised No. 116 Bunsen Burner (Micro at 2.75") now has an air shutter located at the bottom of the mixing tube similar to that of the No. 111 or No. 115. Enhanced by its stabilizing tip the No. 116 is capable of producing a very small soft flame. Its shorter profile is especially beneficial in applications where space is limited.

Note: The 116 is also offered in a shorty version.



117

117 Approximately 2570 BTU

The No. 117 Bunsen Burner is similar to the No. 111 Bunsen. The difference is that **the No. 117 is taller at 5.5" and has a wider base. (Photo At Left shown with chimney, chimney sold separately)**

118 Approximately 2570 BTU

The No. 118 Bunsen Burner is similar to the No. 115 Bunsen. The difference is that **the No. 118 is taller AT 5.5" and has a wider base.**

Note: The Bunsen line is offered in a shorty version by request.

Chimneys sold separately.

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



122 Approximately 10,200 BTU

The No. 122 is a multiple barrel Bunsen Burner. It has four Bunsen Burner heads which are pointed slightly inward towards a common center focus point. This Bunsen Burner is **extremely hot and has found it's way into all sorts of warming applications.**



The 122 is also available with a 40S gas needle valve kit to allow the operator to adjust the height of the flame. Ask your Carlisle representative for 23B002-0000 gas needle valve kit with your order for a new 122 Bunsen. (Photo on left shows burner at 4" height). **Note:** The 122 is also offered in a shorty version. Both burners shown in photo on right.

122 & 122 Shorty



130 Approximately 10,000 BTU

The No. 130 Bunsen Burner is the largest of the single head Bunsen Burners that we offer.



The No. 130 comes equipped with a heat intensifying head. This head, which is made up of perforated metal, allows for a very stable and broad flame. The No. 130 Bunsen Burner is constructed with an air shutter at the bottom of the main mixing tube. The air shutter can be opened or closed to control the amount of **inspired air necessary for your application. (Photo at Left shows burner at 8.5")**

The 130 is also available in a shorty version.

The Shorty is 5.250" in overall length.

Our lathe mount is available by request.
(shown at right)

130
SHORTY



NATURAL GAS	PROPANE	BURNER NUMBER	HEIGHT	WIDTH OF BASE
23A001-0000	23B001-0000	111	4"	3"
23A003-0000	23B003-0000	115	4"	3"
23A004-0000	23B004-0000	116	2 3/4"	2 3/4"
23A004-0001	23B004-0001	116 SHORTY	2-3/8"	2 3/4" 23B
23A005-0000	23B005-0000	117	5 1/2"	3 1/2"
23A006-0000	23B006-0000	118	5 1/2"	3 1/2"
23A010-0000	23B010-0000	122	4"	2 3/4"
23A010-0002	23B010-0002	122 SHORTY	2.5" BARREL	2 3/4"
23A014-0000	23B014-0000	130	8 1/2"	3 1/2"
23A014-0001	23B014-0001	130 SHORTY	4 3/4" - 5 1/4"	3 1/2"
23B002-0000	23B002-0000	#122 VALVE KIT		
23B002-0001	23B002-0001	SINGLE BARREL VALVE KIT		
23B002-0002	23B002-0002	130 VALVE KIT		
23A026-0000	23A026-0000	LATHE MOUNT		

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ITEM #	DESCRIPTION
23A020-0000	BUNSEN CHIMNEY WITH CLIP
23A022-0000	BUNSEN FLAME GUARD (HALF CHIMNEY WITH CLIP)
23B010-0005	#122 Plumbing Package
31TWARMING-STAND-7	7" BUNSEN WARMING STAND
31T-GORDON-TRIPOD	7" TALL TRIPOD WARMING STAND



ORTHODONTIC BURNERS

#30 Orthodontic Blowpipe



The Carlisle Orthodontic Blowpipe offers a very sharp and hot flame that can be used in a multitude of applications. The burner head is a separate burner that is threaded onto the body. The body is very compact. It offers two hose connections and two valves with a mixing chamber internal to the body. The valves are color coded with a green handle for the oxygen side and a red handle for the gas side. The body is attached to the sturdy base via a ball joint. This ball joint connection offers exceptional positioning of the burner head. The Orthodontic Blowpipe can be used with either propane or natural gas and oxygen.



D-1 Dental Waxing Burner

The Carlisle D-1 Dental Waxing Burner is used by Dentists and Dental Laboratories to obtain a smooth wax finish on inlays, crowns, set-ups, etc. **This burner has a long sleek design that is perfect for its hand held application.** On the back of the burner is a hose connection and on the front is a small tip. The D-1 Dental Waxing Burner can be used only with natural gas.

CATALOG NUMBER	DESCRIPTION
23A016-0000	#30 Orthodontic Blowpipe
23A017-0000	D-1 Dental Waxing Burner

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