



## BUNSEN BURNERS

Carlisle Bunsen Burners are manufactured from brass and are nickel plated. The base is manufactured out of stainless steel. 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.

### BULLETIN REFERENCES

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



### *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. 4" height without flame. (Photo At Left)

### *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. 4" height without flame.

### *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 it's stabilizing tip the No. 116 is capable of producing a very small soft flame. It's shorter profile is especially beneficial in applications where space is limited. **Note:** The 116 is offered in a shorty version.

### *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)

### *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.



**Carlisle Machine Works, Inc.,**  
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122

**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. (Photo at Left shows burner at 4" height). **Note:** The 122 is offered in a shorty version.

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.



130

**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")

CATALOG NUMBER		DESCRIPTION	HEIGHT	WIDTH OF BASE
NATURAL GAS	PROPANE			
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"
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"
23A014-0000	23B014-0000	130	8 1/2"	3 1/2"

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# ORTHODONTIC BURNERS



**#30 Orthodontic Blowpipe  
23A016-0000**

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  
23 A017-0000**

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 it's 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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