



BUNSEN BURNERS

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

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.

115

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.

116

The revised No. 116 Bunsen Burner (Micro) 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.

117

The No. 117 Bunsen Burner is similar to the No. 111 Bunsen. The difference is that the No. 117 is taller and has a wider base.

118

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

120

Designed for dental waxing applications, the No. 120 is constructed to allow the wax or other materials to fall through the barrel without clogging the gas orifice. This burner can be set into the removable base at two different angles.



Carlisle Machine Works, Inc.,
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122

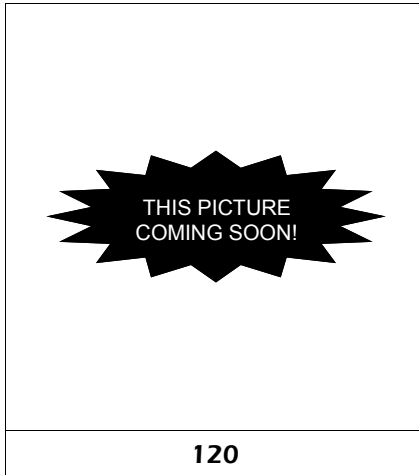
The No. 122 is a multiple barrel Bunsen Burner. It has four Bunsen Burner heads which are pointed slightly inward towards a common center focus point. This Bunsen Burner is extremely hot and has found it's way into all sorts of warming applications.

130

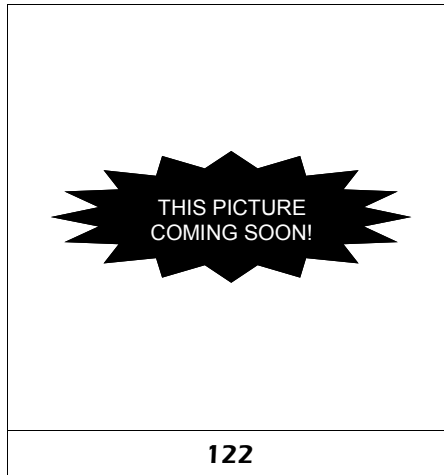
The No. 130 Bunsen Burner is the largest of the single head Bunsen Burners that we offer. The No. 130 comes equipped with either a No. 6 or No. 7 heat intensifying head. This head, which is made up of perforated metal, allows for a very stable and broad flame. The No. 130 Bunsen



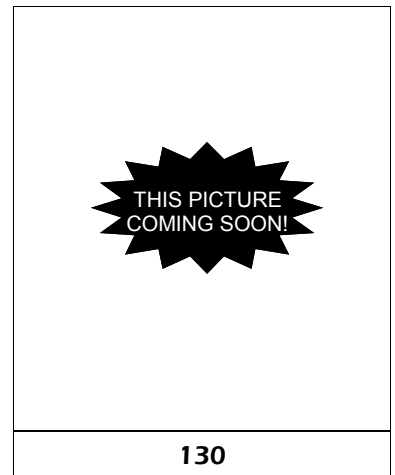
116



120




122



130

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 1/2"	
23A005-0000	23B005-0000	117	6"	3 1/2"
23A006-0000	23B006-0000	118	6"	3 1/2"
23A008-0000	23B008-0000	120		
23A010-0000	23B010-0000	122		
23A014-0000	23B014-0000	130 with #6 Head	8 3/4"	3 1/2"
23A015-0000	23B015-0000	130 with #7 Head	8 3/4"	3 1/2"

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BUNSEN BURNER ACCESSORIES



Wing Top
23A021-0000



**#6 Heat
Intensifying Top**
23A018-0000



Wing Top
23A021-0000



**Bunsen Burner
Chimney**
23A020-0000



**Bunsen Burner
Chimney**
23A020-0000

Wing Tops

The Wing Top is constructed from seamless brass tubing. This accessory modifies the top of the Bunsen Burner to provide a broad flat fan flame similar to that of a fishtail burner. The Wing Top can be fit onto the 111, 115, 117, and 118 Bunsen Burners.

Chimneys

The Bunsen Burner Chimney is constructed from plated iron sheet. The conical design protects the Bunsen Burner flame from drafts. The Bunsen Burner Chimney can be attached to the 111, 115, 117, and 118 Bunsen Burners.

Flame Guard

The Bunsen Burner Flame Guard is actually half of a Bunsen Burner Chimney. For some operations the Chimney will hamper and restrict the operator. In these situations the Flame Guard may be usable to protect from localized drafts and still leave a direct route to the flame. The Bunsen Burner Flame guard can be attached to the 111, 115, 117, and 118 Bunsen Burners.

Heat Intensifying Tops

The Heat Intensifying Tops are constructed from brass with a perforated stainless steel disc and a stainless steel inner screen. These tops are offered only for use with the 130 Bunsen Burner. The Heat Intensifying Tops are available in two sizes. The sizes are the #6, which is the smaller of the two, and the #7, which is the larger of the two.

Waxing Cup

The Waxing Cup is a special accessory that slips onto the nozzle of the Bunsen Burner. This attachment forms a cup surrounding the flame. The cup can then be used to store wax while working with dental applications. The Waxing Cup can be fit onto the 111, 115, 117, and 118 Bunsen Burners.

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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
23 017-0000**

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 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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