

NAYLER

J.H.NAYLOR LTD. WIGAN

Bifold Safety Lamp 1



Bifold Burner Lamp





Bifold Burner 4



Catalog Safety Lamps and Gas Detectors 17.09.1933

To meet the requirements of the managers, surveyors, inspectors and local requirements, this lamp is made in nine different types:—

1. Hildal Torner Lamp is made with the plated steel shell and steel glasses, rivet lock and ordinary ignition. Weight 25a. Price 15.9
2. The same lamp but with aluminium shell. Weight 25a. Price 19.9
3. As above, but with aluminium shell and roller. Weight 25a. Price 23.9
4. The same lamp as No. 2, but with aluminium bottom collar. Weight 25a. Price 25.
5. As No. 4, but guaranteed non-magnetic. Suitable for surveying purposes. Weight 25a. Price 27.
6. As No. 1, but fitted with magnetic lock instead of rivet lock. Weight 25a. Price 17.
7. As No. 4 with the addition of electric ignition. Weight 25a. Price 38.6
8. A smaller lamp, 5 1/2 in. high instead of 7 1/2 in., taking a glass 3 1/2 x 5 1/2 in. Weight 25a. Price 15.9
9. The same as No. 8, but with aluminium shell and roller. Weight 25a. Price 22.

Unless noted otherwise, the shell is fitted with detector ring.

The Hildal Safety Lamp (in all types) is approved by the Board of Trade Mines Department.

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36. As No. 15, but tested and guaranteed to be non-magnetic. Suitable for surveying.

Weight 55a. Price 35.

Any of the above lamps can be supplied with the addition of electric ignition at an extra charge of 1/3 per lamp. The substitution of a magnetic lock instead of a rivet lock can be done at an extra charge of 1/3 per lamp.

37. A smaller lamp made in any of the above styles at the same prices. Only 3 1/2" high instead of 5 1/2" and taking a glass 3 1/2 x 4 1/2 in. and correspondingly lighter in weight.

A lamp similar to No. 15 is this smaller type only weighs 11 1/2 lbs.

All the above lamps can be supplied with or without detector ring riveted to the shell.

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The system of flame regulation in the Hildal Safety Lamp is most accurate. Actually the wicks do not move, but the burner tubes slide up and down. The height of the flame can be regulated with positive accuracy and will remain the same for 14 to 16 hours without any re-adjustment whatever. As water has small flame is wanted, the lamp will burn steadily. This applies even when a non-business flame is required.

In ordinary use, the Patent Hildal Safety Lamp gives a good steady light, and only consumes one half-pint of fuel in 40 hours. The lamp is a little more expensive than most safety lamps, but it is so constructed in use that the user is quickly repaid by the extra safety.

The two burners are placed side by side in such a position that, when raised to the full flame size, the two flames join together and give one good, broad, level flame. Throughout the shift the lamp gives one steady power and is particularly free from smoke.

This lamp has been tested in very high altitudes and in conditions where the air is vitiated. It is a coal lamp, and the reports from users in various parts of the world are extremely good.

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MARSAUT "E" (SHUT-OFF) LAMP

Description:

A specially designed detector shell in the plated steel or aluminium body, steel glasses 20 x 25 mm or 25 x 25 mm, fitted with special lamp screws of such design as to make it impossible to assemble the lamp without both glasses being in position. Approved quality glass, 20 x 40 mm. Gas burner or aluminium roller.

The control can either be that of our Hildal Torner Lamp, the Marmsut "A" or Marmsut "K" lamps. The two last named can be supplied in brass or aluminium.

The middle roller in this lamp is fitted with a steel ring to close the air inlet holes. This ring is held in position by a spring and is closed by a slight movement in a clockwise direction. When this takes place the only air inlet is through the top of the burner and gas can be detected within 1/2 in. of the roof.

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MARSAULT "A" & "B" APPROVED FLAME SAFETY LAMPS.

Description, Marsault "A":
Blue painted steel shell, steel gaskets, 28 x 28 mm or 20 x 20 mm, fitted with special lamp of such design as to make it impossible to assemble the lamp without both gaskets being in position.

Approved quality glass 28 x 43 mm. Cast brass middle collar with vertical slots and steel bottom collar, with cast brass vessel fitted with flat burner to take 1/2" wick. Flame regulated by means of pin/ster wire.

The lamp consumes 1/4 lb of oil at the maximum allowed by the trade, gives a good candle power, is very simple in use and gives 40 hours of light from a full pint of oil.

All parts are interchangeable and repairs are easily carried out at the colliery.

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Marsault "A" Lamps are approved by the Board of Trade Mines Department.

Marsault "B" Lamps.
These differ from Marsault "A" lamps in the arrangement of the middle collar, reflector and shield.

The middle collar carries a reflector ring of suitable depth.

The shield is of the best type and is held in position by means of a lead strap.

The vessel, burner, gaskets, etc., are the same as in the Marsault "A" lamp and prices are 6d. higher for each corresponding type.

Marsault "B" lamps are not made in the smaller size as No. 12.

All Marsault "B" lamps are approved by the Board of Trade Mines Department.

J. H. MARSAULT, LTD., WIGAN.

MARSAULT "N" FLAME SAFETY LAMP.

Description:
Blue painted steel shell, steel gaskets, 28 x 28 mm or 20 x 20 mm, fitted with special lamp of such design as to make it impossible to assemble the lamp without both gaskets being in position.

Approved quality glass 28 x 43 mm. Cast brass middle collar with vertical slots and steel bottom collar, with cast brass vessel fitted with special double burner to take special circular wick.

Flame regulated by means of thumb screw.

This lamp consumes paraffin, a very economical fuel easily obtained in all parts of the world at a low price. It never varies in quality and possesses all the qualities of a natural product. The Marsault Safety Lamp is used in all parts of the world and is recommended in use, gives a high candle power and is easily repaired by the colliery, because all parts being interchangeable.

The lamp is supplied with standard gaskets, 28 x 28 or 20 x 20 mm and can also be supplied with 28 x 20 mm gaskets (double) tubes. The last improvement is very strongly recommended. It increases the candle power to 1.4.

J. H. MARSAULT, LTD., WIGAN.

MARSAULT "N" FLAME SAFETY LAMP—Continued.

The Marsault "N" Lamp is a good lamp for the detection of gas. It gives a very good light and only consumes one half pint of fuel in 40 hours. It is particularly free from smoke. It is fitted with oil filling valve and can be supplied with electric ignition and magnetic lock. It is available in several types as follows:—

1. Marsault "N" Lamp with blue painted steel shell and steel gaskets, with lock and ordinary ignition. Weight 4 lbs. Price 16/6.
2. The same lamp, but with aluminium shell. Weight 2 lbs. 10 oz. Price 20/6.
3. As above, but with aluminium middle collar. Weight 2 lbs. 10 oz. Price 22/6.
4. The same lamp as No. 2, but with aluminium bottom collar. Weight 2 lbs. 10 oz. Price 23/6.
5. As No. 2, but with copper gaskets and guaranteed non-susceptible. Suitable for any testing purposes. Price 22/6.

Any of the above types can also be supplied with electric ignition at an increase of 1/6 and with magnetic lock at an increase of 1/6.

The Marsault "N" Lamp (in all types) is approved by the Board of Trade Mines Department.

J. H. MARSAULT, LTD., WIGAN.

THE PATENT BIPOLO BURNER SAFETY LAMP.

Description:
Blue painted steel shell, steel gaskets, 28 x 28 mm or 20 x 20 mm, fitted with special lamp of such design as to make it impossible to assemble the lamp without both gaskets being in position.

Approved quality glass 28 x 43 mm. Cast brass middle collar with vertical slots. Cast brass bottom collar, with cast brass vessel fitted with patent double burner to take special circular wick.

Flame regulated by means of thumb screw.

This lamp consumes paraffin, a very economical fuel easily obtained in all parts of the world at a low price. It never varies in quality and possesses all the qualities of a natural product. The Bipolo Safety Lamp is used in all parts of the world and is recommended in use, gives a high candle power and is easily repaired by the colliery, because all parts being interchangeable.

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Wetterlampen

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