

DOELCAM BURNERS ON VARIOUS WORK



Section No. 200. Page 12.

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WITH INQUIRY OR ORDER REFER TO SECTION No. 200.

MACLEOD PORTABLE OIL BURNERS AND TORCHES



THERE IS A DIFFERENCE IN OIL BURNERS

If imitation is flattery, then we are to be congratulated, as we had to break the ground for all the portable Oil Burners on the market. We have, however, maintained our lead, as we can prove by the large number of orders we have received to replace the imitations.

FALLACIES

There is no reason why we should mention names, but there is much misrepresentation regarding the claims of different Oil Burners, that it is as well to see what foundation there is for them.

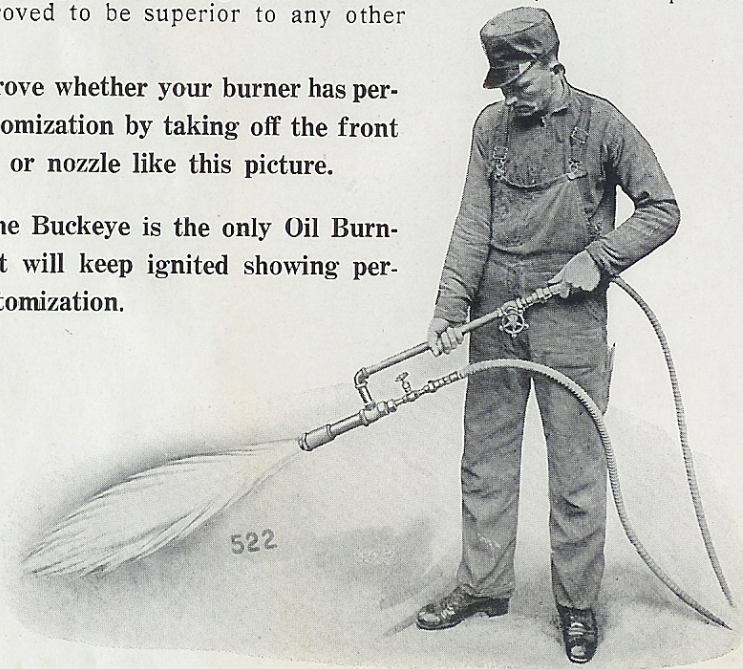
First. **The claim of a Burner having a cold centre.** Allowing for the sake of argument there are cold and hot zones in the flame, after running a few minutes, these zones would be built up and take almost an average temperature.

We do not believe there is an Oil Burner in the market that has a cold centre of no make.

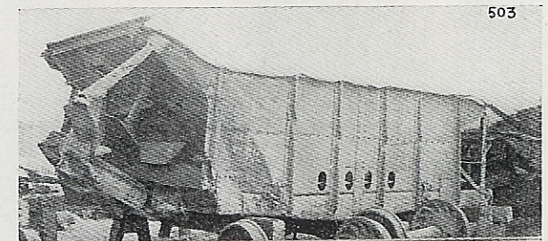
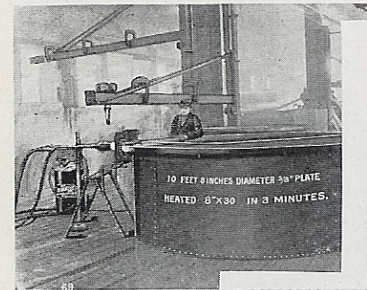
Second. **The claim of Incomplete Atomization.** An Oil Burner is not properly designed that has not perfect atomization as that would cause imperfect combustion. The Buckeye is the only burner depending on centrifugal action for atomization, which in practice has proved to be superior to any other

Prove whether your burner has perfect atomization by taking off the front casing or nozzle like this picture.

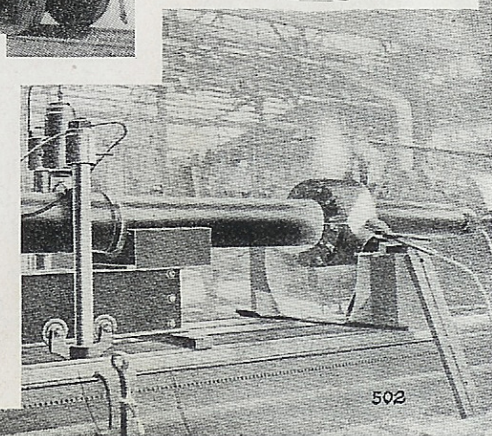
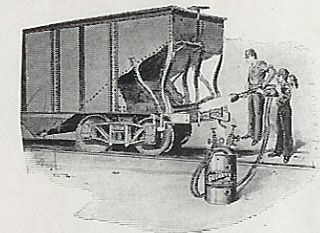
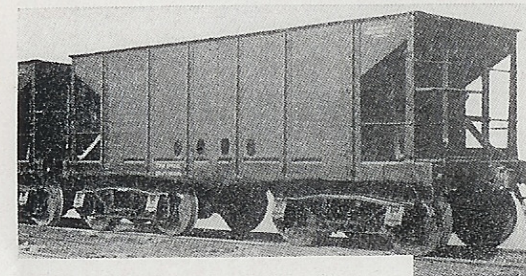
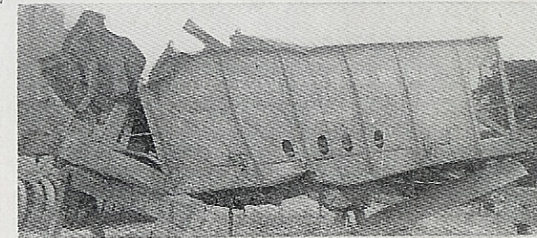
The Buckeye is the only Oil Burner that will keep ignited showing perfect atomization.



AT WORK IN RAILROAD AND MACHINE SHOPS



FOR
BURNERS
AND RIVET
FORGES FOR
CAR REPAIRS,
GET OUR
SECTION
No. 202



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TYPE B

Single
Burner
Outfit



13-B

MACLEOD-DOELCAM

Portable Oil Burners

TYPE B

Our Type B is without doubt, the most efficient Compressed Air Burner on the market.

Note Page 2 for description of atomizing, which gives a more perfect mixture of the oil and air than any other system. Will work any Crude or Refined oils.

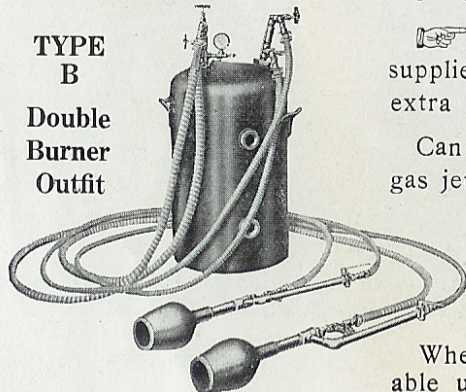
All Burner outfits are fitted with Safety Cut-Off Valves on the oil supply.

Prices and Other Information.

Size No.	Code Word	Size Tank, gals.	Size of Flame, inches	Oil, per hr.	Cu. Ft. Air per min.	Net Wt., lbs.	Gross Wt., lbs.	Boxed Export, cu. ft.	Price	Price, Burner Only
10	WUVNE	5	2x15"	1 1/2	5	40	90	4	.....	.....
11	WUVSY	5	3x20"	1	8	50	110	7	.....	.....
12	WUVUR	9	6x30"	2	12	60	140	9	.....	.....
13	WUVYS	17	7x42"	3	15	100	200	12	.....	.....
14	WUYAP	17	8x48"	4	30	110	210	12	.....	.....
15	WUYGD	5	2x15"	1	10	45	95	4	.....	.....
16	WUYIR	5	3x20"	2	16	57	120	7	.....	.....
17	WUYLJ	9	5x30"	4	24	70	150	9	.....	.....
18	WUYMK	17	7x42"	6	30	112	215	12	.....	.....
19	WUYOS	17	8x48"	8	60	120	225	12	.....	.....

TYPE B

Double
Burner
Outfit



Numbers 13, 14, 18, and 19 can be supplied fitted with a 30-gallon tank at an extra price of

Can be started and stopped just like a gas jet. Our No. 14 can be choked down to a flame only 6 inches long.

Any degree of heat can be obtained. Flame color from a yellow to a blue.

Wherever you have compressed air available use Type B Burners.

MACLEOD-DOELCAM

Portable Oil Burners

TYPE A

Hand Pump
Type



TYPE A

Single
Burner
Outfit

Type A is a complete independent Portable Outfit. The Burner, however, requires preheating, and the flame given is only adjustable within certain limits.

Prices and Other Information.

Our No.	Code Word	Size of Flame	Tank, gals.	Oil, per hr.	Net Wt., lbs.	Gross Wt., lbs.	Boxed Export, cu. ft.	Price	Code Word	Price	No.
25	WUZRE	2 1/2 x 15"	5	3/4	40	75	4	.....	WYBEC	.....	25
26	WUZTO	3 x 25"	9	1	55	100	7	.....	WYBFO	.....	26
27	WUZUV	6 x 30"	17	2	100	200	12	.....	WYBID	.....	27
28	WUZWY	7 x 36"	17	3	120	215	12	.....	WYBOF	.....	28
29	WYAXY	2 1/2 x 15"	5	1 1/2	50	85	4	.....	Nos. 29 to 32 are double Burner Outfits similar to lower illustration.		
30	WYBAB	3 x 25"	9	2	67	110	7	.....		
31	WYBBA	6 x 30"	17	4	115	210	12	.....		
32	WYBCE	7 x 36"	17	6	150	230	12	.....		



31-A

Size No. 32 or No. 28, we supply with a 30 gallon tank at an extra price of

Can be operated for several hours without repumping.

Our Type A Outfits, Numbers 27, 28, 31, 32 are fitted with Combination Pumps for either air or oil, thus the tank can be charged with oil without shutting down the Burners.



Doelcam Safety-First Burner

Type SC.

Burner operates on the Syphon or Suction System. It is not advised for rapid changes of position vertically, but where the Burner can be attached to a floor stand or remain for a time at about the same elevation, this Burner will be very satisfactory.

Prices and Other Information.

Our No.	43	44	45	46	47
Size Tank, gallons..	5	5	9	17	17
Size Flame	1½x12"	2½x14"	3½x20"	6x24"	8x36"
Code Word	BABZO	ABAIL	BACBZ	WYDDA	BAEDT
Net Weight, lbs....	40	50	60	100	110
Gross Weight, lbs...	90	110	140	200	210
Boxed Export, cu. ft.	4	7	9	12	12
Price					

☞ Tank is open to the atmosphere and can be filled with a can and funnel while the Burner is running.

NO DOUBLE BURNER OUTFITS SUPPLIED OF THIS TYPE.

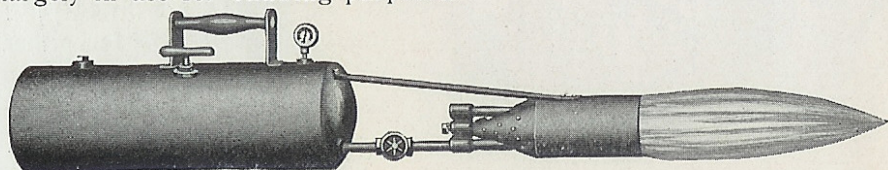
NO BURNER ALONE CAN BE SUPPLIED owing to the fact the tank must be fitted up especially to insure correct operation of Burner.

Designed to fill the call for a portable Burner outfit that will be perfectly safe under any and all conditions. The only part of the outfit where there is any pressure carried is in the air hose, whereas if that breaks or becomes disconnected no damage is done.

OUR TYPE E

Our No.	Code Word	Tank gals.	Oil Used	Size Flame	Net Wt.	Gross Wt.	Export Boxed	Price
443	BAVGP	3	1	3 x25"	25	50	2	.....
443A	YEITS	1½	¾	2½x20"	20	40	1½	.....

This type is used for Preheating for Welding Operations, also is largely in use for Thawing purposes.



Doelcam Portable Oil Burners

FOR PREHEATING, THAWING OPERATIONS, BOILER REPAIRS, BRAZING, ETC.

Our No. 249. Code Word BALRQ, is our No. 26 fitted with truck. Price

Our No. 254, shown to the right is specially adapted for Thawing operations. See our Section No. 201 for full description.



DOELCAM OIL BURNERS

TYPE AV

For Mastic and Asphalt Kettles, Furnaces, Ovens, Etc.

For full description and price, see our Section No. 209.

☞ If you do not see what you want in an Oil Burner described in this Section, tell us about it, we have a number that we are unable to show here. We build Oil Burners of every type and description.



DOELCAM TORCHES for Paint Burning

COMPRESSED AIR TYPE



This Burner is of light weight and specially designed for the work mentioned, operates with regular kerosene oil or any other liquid fuel, used in conjunction with compressed air, the latter being necessary to atomize the oil at the burner.

It can be started and stopped instantly like a common gas jet, the burner can be regulated from a small needle point, for such work and a wide flame for surfaces.

Our No. 163. Code Word, WYVOZ. With Truck and 17-Gallon Tank, 2 Burners and 4 Lengths Hose.

Price

Net Wt., 130 lbs. Gross Wt., 220 lbs.

Export Boxed, 12 cu. ft.

Our No. 164. Code Word, WYVUB. 9 Gallon Tank, 1 Burner, 2 Lengths Hose. Price

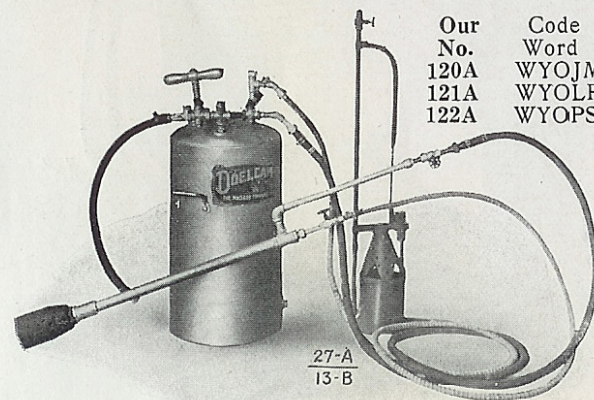
Net Wt., 70 lbs. Gross Wt., 130 lbs.

Export Boxed, 8 cu. ft.

Combination Portable Oil Burners

Hand Pump Type and Compressed Air Type

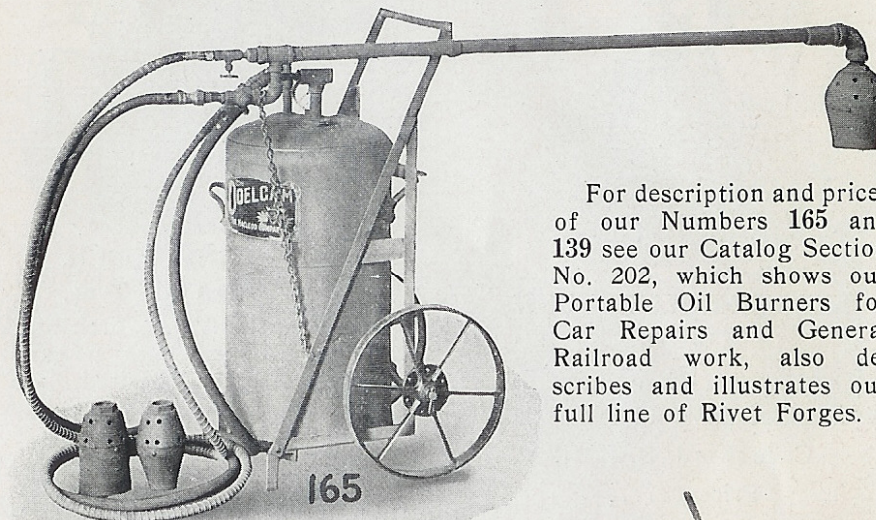
Where air is not available, you use one type, where it is available the other type. For outside jobs no air is the rule, inside jobs you have it and can make good use of it, and do quicker and better work.



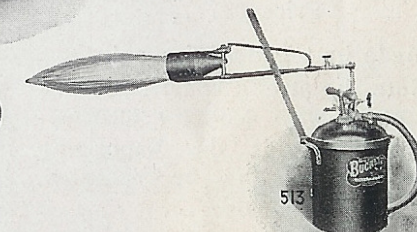
Our No.	Code Word	Type A Type B Size		Price
		Burner	Burner Tank	
120A	WYOJM	26	12 9	.....
121A	WYOLP	27	13 17	.....
122A	WYOPS	28	14 17	.....

Any other combination of Burners can be supplied at request.

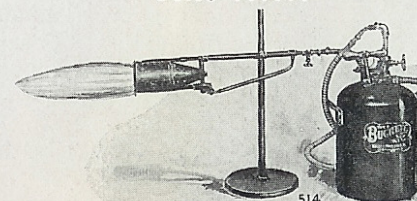
SPECIAL TYPES OF Doelcam Portable Oil Burners



For description and prices of our Numbers 165 and 139 see our Catalog Section No. 202, which shows our Portable Oil Burners for Car Repairs and General Railroad work, also describes and illustrates our full line of Rivet Forges.

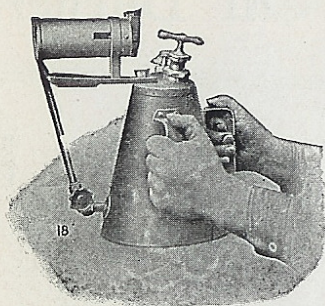


Our No. 451. Code Word, BAVPY. Includes Swivel Joint on Tank, Adjustable Lever Clamp, and Tank Band. Valuable outfit for preheating operations. Price



Our No. 450. Code Word, YEJLY. Floor Stands suitable for either Type A or Type B Burners. The height or angle can be regulated. Price

Macleod Hand Torches--Kerosene Fuel Only



KEROSENE HAND BLOW TORCH.

Our No. 37.

Gives a hot flame 12 inches long.

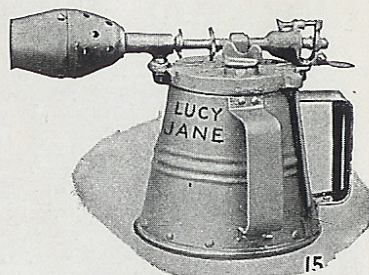
Code Word, BABSH.

Price

Made in 1 gallon size only.

Note the strong construction as compared with ordinary torches.

Burner is of the Vaporizing type and must first be preheated. Use refined oil only.



LUCY JANE TORCH. Compressed Air Type.

Lights instantly, no preheating, can be supplied with a candle wick pilot light if desired.

Will give any size of flame.

Will give any color of flame.

Our No. 38 39

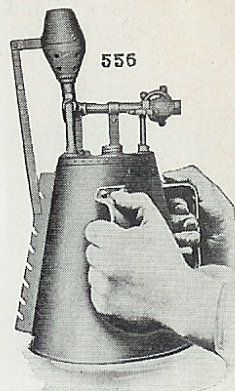
Code Word... WYCAC WYBUG

Capacity Tank. 1/2 gal. 1 gal.

Price

Burner syphons the oil from the tank to the atomizer. Tank is open to the atmosphere and is not under any pressure.

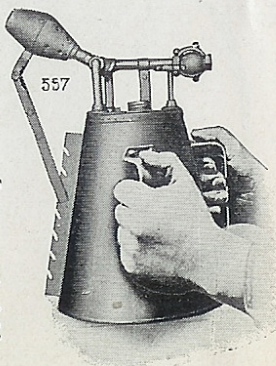
LUCY JANE TORCHES--Angle Type



Burner will swivel to any angle in a vertical plane. This makes it a handy outfit for Preheating, Brazing, Welding and general repair work.

Our No... 40 41 42
Code ... WYCED BABZM WYCIF
Cap. Tank, 1/2 1 2
Price

The Torch can be adjusted and left to heat up the work.
HANDIEST TORCH WE HAVE SEEN.

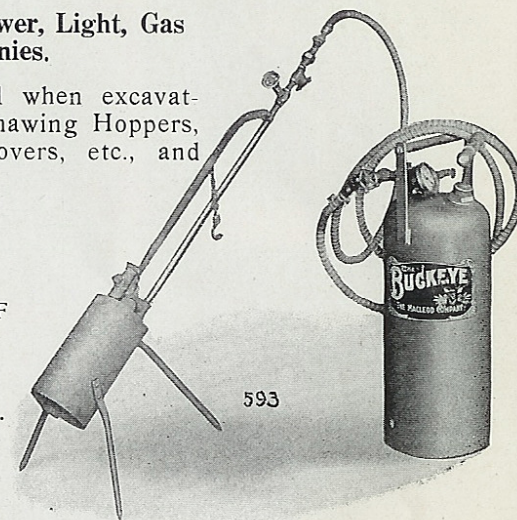


Doelcam Portable Oil Burners

For Telegraph, Telephone, Power, Light, Gas and Electric Companies.

Thawing out frozen ground when excavating or digging post holes. Thawing Hoppers, Hydrants, Pipes, Manhole Covers, etc., and many other operations.

Our No....	251	252	253
Code Word.	YAJIC	YAJOD	YAFUF
Size Flame.	3x25"	3x25"	6x30"
Tank, gals..	5	9	17
Price			
Shipping Wt.,			
Lbs.	70	85	150



SPECIAL PORTABLE OIL BURNER for

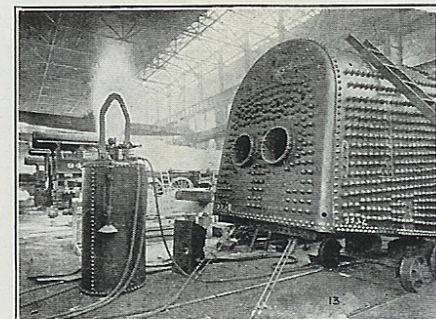
TESTING BOILERS, FIRE BOXES UNDER STEAM PRESSURE.

Show a saving of 50% in time and cost for firing up Boilers for testing purposes. Also in Locomotive Boilers for raising steam to set pops when Locomotive is completed.

THE FLAME IS SPREAD OVER A WIDE AREA.

The oil tank shown is not our Standard Tank, we supply 2 Tanks, each 30 gallon capacity with 2 Burners and 2 lengths of hose for each Burner.

Our No. 282. Code Word, YAMOH.
Complete double unit. Price.....
Net Wt., 350 lbs. Gross Wt., 500 lbs.
Boxed Export, 30 cu. ft.



If Burners only are ordered, Our No. is 283. Code Word for 2 Burners only, BANFH. Net Wt., 125 lbs. Gross Wt., 200 lbs. Boxed Export, 10 cu. ft. Price for 2 Burners only

These are very powerful Burners distributing their heat over a very wide area and are very satisfactory for the work mentioned.