

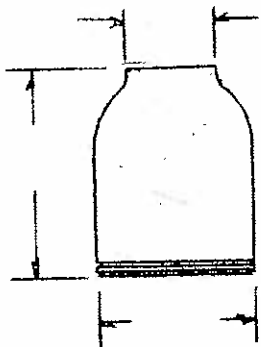
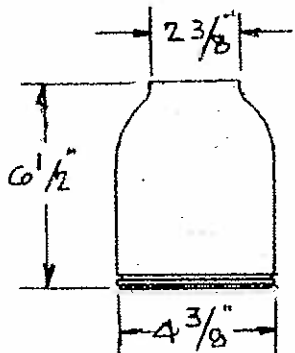
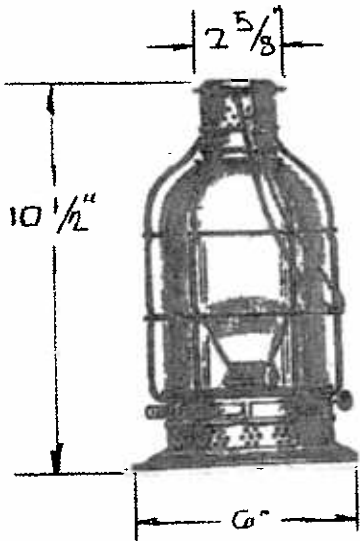
THE EVOLUTION OF THE VESTA LANTERN

STARTED W/ ARCHER-PANCOAST & CO. (FOUNDED 1856) 1866 TO JULY 1868
 No. 9 MERCER ST., NEW YORK, N.Y.

DIETZ & SMITH - AUG. 1, 1868 TO AUG. 5, 1869
 4 COLLEGE PLACE & ROBINSON ST., NEW YORK, N.Y.

R.E. DIETZ - AUG. 6, 1869 TO EARLY 1886 (INCORPORATED)
 24-26 FULTON ST. & 29-31 CLIFF ST., NEW YORK, N.Y.

(2) DIETZ FLAME VERSIONS



- THE FIRST VERSION, I BELIEVE, IS THE NO. 5 VESTA MENTIONED IN THE ARCHER-PANCOAST & CO. PRICE LIST OF AUG. 1, 1867. FOUR OF THE PATENT DATES ARE DURING THE TIME OF A-P & CO. AND TWO ARE BY ABSALOM G. SMITH, LANTERN SALESMAN FOR A-P.

- MY LANTERN, ALTHOUGH NOT MARKED ON THE FRAME, IS LIKE THIS ILLUSTRATION AND EMBOSSED ON BRASS BURNER:

DIETZ & SMITH
 PATENTED
 MARCH 1, 1864

STAMPED ON TOP OF THE FOUNT: PATENTED JULY 21, 1864
 NOVEMBER 20, 1864
 JANUARY 28, 1868

CLEAR REMOVABLE GLOBE IS EMBOSSED: PAT. JAN. 28, 1868

- ALL THE ABOVE MENTIONED PAT. DATES ARE PRIOR TO THE BUY-OUT OF A-P CO. BY DIETZ & SMITH.

- IN MY OPINION, R.E. DIETZ CONTINUED TO MFG. NO. 5 VESTA UNTIL, AT LEAST, EARLY 1874. IN MID 1874, DIETZ CHANGED THE NAME & STYLE TO NO. 6 VESTA WITH NO CORRUGATED RIM AT THE TOP. HENCE THE NAME MENTIONED IN THEIR FIRST CATA. OF AUG. 1874 PRICE LIST INDEX PG. 2 - THE ILLUSTRATION PG. 11 IS MISSING IN MY COPY.

- THIS VERSION SHOWS DIMENSIONS OF MY LANTERN WITH GLOBE. IF YOU CAN VERIFY THESE DIMENSIONS, PLEASE CONTACT ME.

1876 TO 1878 THE ADS FOR THIS NO. 6 VESTA WITH CORRUGATED RIM AT TOP MENTION THAT SEVEN THOUSAND DOZENS (84,000) OF THIS VESTA LANTERN WERE SOLD IN ONE YEAR. THE ADS FOR NO. 6 VESTA DO NOT STATE THAT IT WAS USED ON THE RAILROAD.

- IN THESE 2" X 5" UNMARKED BOOKLETS, THE NO. 6 VESTA IS PICTURED ALONG WITH THE NO. 9 CHAMPION RAILROAD LANTERN THAT LOOKS VERY SIMILAR TO THE NO. 6 BUT IS LARGER, STRONGLY GUARDED, HEAVIER AND INTENDED FOR SHIP & RAILROAD USE.

NOTE: CATALOGUES & OTHER INFORMATION I HAVE AVAILABLE, DO NOT MENTION OR ILLUSTRATE THE NO. 6 VESTA FROM 1879 TO 1895.

HOWEVER, IN DIETZ CATALOGUES:

NO. 17 - PAGE 48 - JULY 1883 AND
 NO. 19 - PAGE 50 - 1886

UNDER THE HEADING "GLOBES", THE NO. 6 VESTA GLOBES COULD BE ORDERED.

- THIS VERSION DOES NOT SHOW DIMENSIONS BECAUSE I DO NOT HAVE THIS LANTERN OR ANY INFO. WITH DIMENSIONS. MY OPINION IS THAT THE DIMENSIONS ARE THE SAME AS VERSION 1. IF YOU HAVE THIS INFO, PLEASE CONTACT ME.

THE EVOLUTION OF THE VESTA LANTERN

R.E. DIETZ COMPANY -- SPRING 1887 TO JUNE 23, 1897 (FIRE)
60 LAIGHT ST. & 429-433 GREENWICH ST., NEW YORK, N.Y.

R.E. DIETZ COMPANY -- REBUILT 1898 TO 1952
CORNER LAIGHT ST. & GREENWICH ST., NEW YORK, N.Y.

R.E. DIETZ COMPANY FORMERLY S.G. & L. CO MID-1897 TO 1959
WILKINSON ST. & LEAVENWORTH AVE., SYRACUSE, N.Y.

(4) OLD BLAST TUBULAR BELL BOTTOM VERSIONS

1896 TO 1901 THE 'FIRST VERSION' OF THE DIETZ VESTA RAILROAD LANTERN WAS INTRODUCED. IT WAS A TUBULAR DESIGN WITH TWIST-OFF BELL BOTTOM AND A SPECIAL HIGH CONE TUBULAR BURNER.

- USED THE NO. 39 RR GLOBE.
- THE PATENT DATE OF DEC. 15, 1896 BY CHARLES BERGNER IS STAMPED ON THESE EARLY DIETZ VESTAS ABOVE THE RIM.
- THE PATENT DATE OF FEB 1, 1898 BY CHARLES L. BETTS ALSO APPEARS ON SOME VESTA MODELS.
- THIS VERSION IS LIKE MY LANTERN.

1902 TO 1903 THE 'SECOND VERSION' OF THE DIETZ VESTA TUBULAR LANTERN WAS INTRODUCED. IT WAS ALSO A MODIFIED DESIGN WITH TWIST-OFF BELL BOTTOM THAT NOW

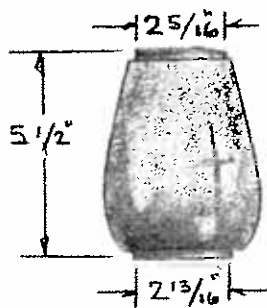
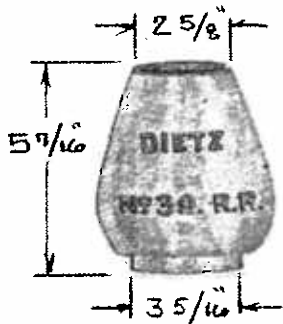
- USED THE JUNIOR GLOBE.
- MENTIONED IN: JULY 1, 1902 DIETZ BLUE BOOK PRICE LIST NO. 35 PAGE 5. COULD BE PURCHASED FOR \$15.00 DOZEN.
- ↓
- ↓
- : 1903 DIETZ CATALOGUE NO. 34 - PAGE 28 - IT WAS LISTED FOR GENERAL PURPOSE USE UNDER INDEX HEADING: TUBULAR & MILL LANTERN.
- FOUND TO HOLD 10 OZ. OIL & BURNED 15 1/2 HOURS.
- FINISH WAS BRIGHT TIN.
- THIS LANTERN DOES NOT SHOW DIMENSIONS BECAUSE I DO NOT HAVE THIS ONE OR ANY INFO. WITH DIMENSIONS. IF YOU HAVE THIS INFO. PLEASE CONTACT ME.

DOES ANYONE HAVE THIS VERSION ?

NOTE: THIS IS MY VERSION OF THE EVOLUTION OF THE VESTA LANTERN FROM PAGE 1 TO PAGE 5.

THERE MAY BE GAPS OR OVERLAPS IN THE DATES, BUT I TRIED TO BE AS ACCURATE AS POSSIBLE WITH THE INFORMATION I HAD AT MY DISPOSAL.

LINDA L. BLACK
MAY 2012



THE EVOLUTION OF THE VESTA LANTERN

R.E. DIETZ COMPANY -- REBUILT 1898 TO 1952
CORNER LAIGHT ST. & GREENWICH ST., NEW YORK, N.Y.

R.E. DIETZ COMPANY -- FORMERLY S.G. & L. CO MID-1897 TO 1959
WILKINSON ST. & LEAVENWORTH AVE., SYRACUSE, N.Y.

CONTINUATION COLD BLAST TUBULAR BELL BOTTOM VERSIONS



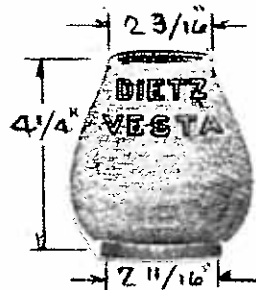
1904 TO MID-1905 THE 'THIRD VERSION' OF THE DIETZ VESTA RAILROAD LANTERN WAS INTRODUCED. IT WAS A TUBULAR DESIGN WITH RIGGED TWIST-OFF BELL BOTTOM. IT WAS MADE WITH A SOLID SMOKE DOME MOUNTED ON TABS CREATING WIDE SIDE OPENINGS.

- PATENTED 12-15-96; 1-26-97; 2-1-98

- THIS VERSION APPEARS IN: 1904/05 DIETZ LANTERNS
BROCHURE PAGE 46, 47.

↓ ↓ ↓ ↓ : 1906 DIETZ CATALOGUE NO. 35
PAGE 65, 66.

- THIS VERSION IS LIKE MY LANTERN WITH A RUBY VESTA GLOBE ETCHED; NEW YORK CENTRAL. THIS GLOBE HAS NO EXTENDING TOP OR BOTTOM. DIMENSIONS SAME AS GLOBE SHOWN BELOW.

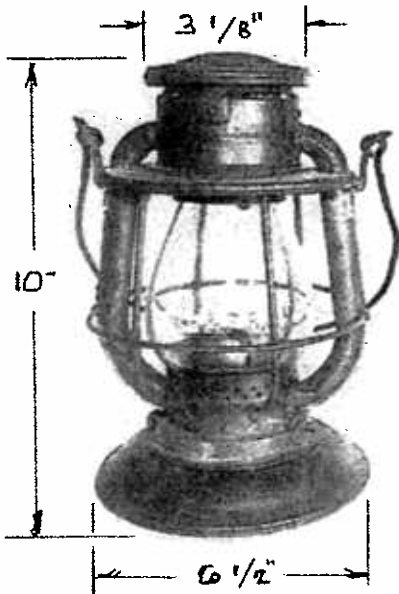


- BOTH MODELS USE THE 4 1/4" HIGH VESTA GLOBE WHICH WILL CONTINUE TO BE USED UP TO AND INCLUDING 1959 ONLY DIFFERENT CONTOUR.

- VESTA GLOBE COLORS:

1904 TO 1959 -- CLEAR, RUBY, BLUE, GREEN
1926 TO 1959 -- AMBER

→ NOTE: IN 1902 CORNING GLASS INVENTED THE TEMPERED 'NONEY' GLOBE WITH CNX TRADEMARK. IN 1904 & FORWARD, DIETZ USED THIS NEW GLASS FOR MANY OF THEIR VESTA GLOBES.



MID-1905 TO 1906 THE 'FOURTH VERSION' OF THE DIETZ VESTA RAILROAD LANTERN WAS INTRODUCED. IT WAS A TUBULAR DESIGN WITH SMOOTH TWIST-OFF BELL BOTTOM. IT WAS MADE WITH AN ENCLOSED SMOKE DOME WITH TOP VENT OPENINGS OR SLOTS.

- THIS VERSION DOES NOT APPEAR IN ANY DIETZ CATALOGUE BUT HAS BEEN WRITTEN ABOUT & PICTURED IN SEVERAL ARTICLES ON VESTA LANTERNS.

- ACCORDING TO INFO. FROM COLLECTORS WHO HAVE BOTH MODELS, THE BELL BOTTOMS ARE INTERCHANGABLE.

- I USED TO HAVE THIS VERSION, BUT SOLD IT YEARS AGO. IF ONLY I KNEW THEN WHAT I KNOW NOW. AT LEAST I HAVE A PHOTO. IF YOU HAVE THIS VERSION, PLEASE CONTACT ME.

THE EVOLUTION OF THE VESTA LANTERN

R.E. DIETZ COMPANY - REBUILT 1898 TO 1952
CORNER LAIGHT ST. & GREENWICH ST., NEW YORK, N.Y.

R.E. DIETZ COMPANY - FORMERLY S.G. & L. CO MID-1897 TO 1959
WILKINSON ST. & LEAVENWORTH AVE., SYRACUSE, N.Y.

(5) CB TUB. "HI-TOP" WIRE BOTTOM VERSIONS

1907 TO 1912 DIETZ VESTA REAR SIGNAL LAMP WIRE BOTTOM. THIS LANTERN WAS USED ON TROLLEY CARS AND WAS ADAPTED AS A MARKER LAMP BY USING DIFFERENT COLOR GLOBES. IT HAD A CAST IRON BRACKET AFFIXED TO THE FRAME. FINISHED IN BRIGHT TIN ONLY.
- THIS LAMP WAS REPLACED BY: STEEL CLAD REAR SIGNAL LAMP.
- APPEARS IN: 1912 DIETZ CATA. NO. 42 PAGE 70.

NOTE: FOR VESTA GLOBE COLORS, REFER TO PAGE 3.

1912 TO 1915 DIETZ VESTA NAVY STANDARD DECK LANTERN WIRE BOTTOM. THIS LANTERN WAS USED BY THE U.S. GOVERNMENT FOR THE NAVY & ARMY.
- FINISHED IN POLISHED BRASS ONLY AND USED A CLEAR VESTA GLOBE.
- DATE EMBOSSED ON LID WITH LANT. NAME: SEPT.-08
- APPEARS IN: 1912 DIETZ CATA. NO. 42 PAGE 54.
↓ ↓ : 1915 DIETZ CATA. NO. 45 PAGE 92, 93.

NOTE: ALL THESE VESTA MODELS HAVE A SMOOTH SIDED FOUNT

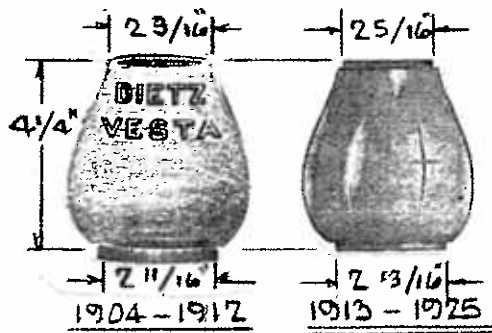
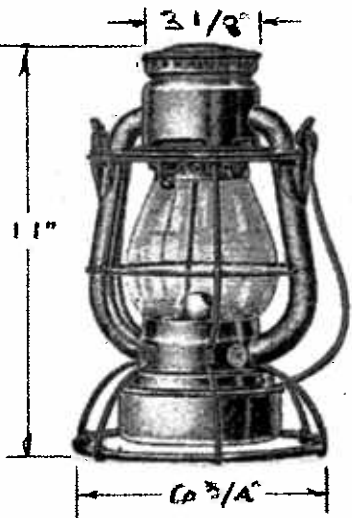
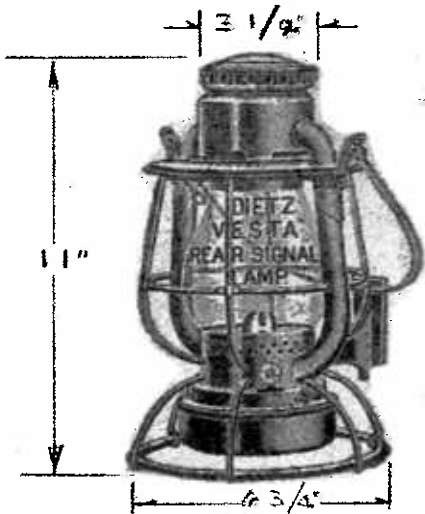
1917 TO 1925 DIETZ VESTA OR VESTA RAILROAD LANT. WIRE BOTTOM - MARKETED PRIMARILY AS A RAILROAD LANTERN.
- FINISHED IN BRIGHT TIN OR POLISHED BRASS.

NOTE: IMAGE (A) BASE HAS 6 WIRES.
↓ (B) BASE HAS 10 WIRES.
IMAGE (C) BASE HAS 4 WIRES & 2 FLAT LEGS.

- APPEARS IN: 1909 DIETZ RAILROAD LANT. BOOKLET
↓
▲ 1912 DIETZ CATA. NO. 42 PAGE 23 & 53.
▲ 1915 ↓ NO. 45 ↓ 90, 91.
▲ 1917 ↓ NO. 49 ↓ 106, 107.
1921 ↓ NO. 50 ↓ 54, 55.

(2) VESTA GLOBE STYLES DURING THESE PERIODS.

NOTE: ▲ = SOME ILLUSTRATIONS OF THE "HI-TOP" SHOW NO DRAFT HOLES AT THE GLOBE SEAT. ARTICLES ON VESTA LANTERNS VERIFY THIS. OTHERS HAVE A DOUBLE ROW OF HOLES.

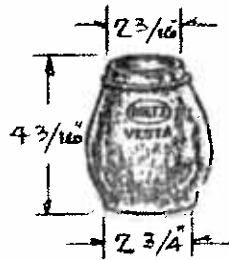
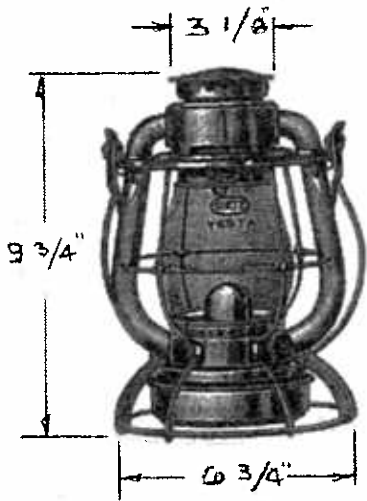


THE EVOLUTION OF THE VESTA LANTERN

R.E. DIETZ COMPANY -- 1926 TO 1952 (FACTORY & OFFICE SOLD)
60 LAIGHT ST., NEW YORK, N.Y.

R.E. DIETZ COMPANY -- 1953 TO 1959 (DISC. MFG. RAILROAD LANT.)
WILKINSON ST., SYRACUSE, N.Y.

COLD BLAST TUBULAR "LO-TOP" TYPE BOTTOM VERSIONS



1926 TO EARLY 1940'S DIETZ VESTA RR LANTERN
WIRE BOTTOM WITH SMOOTH SIDED FOUNT.

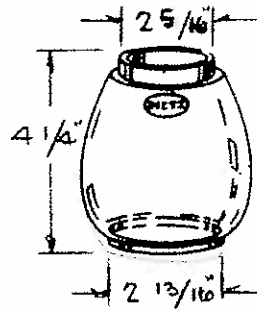
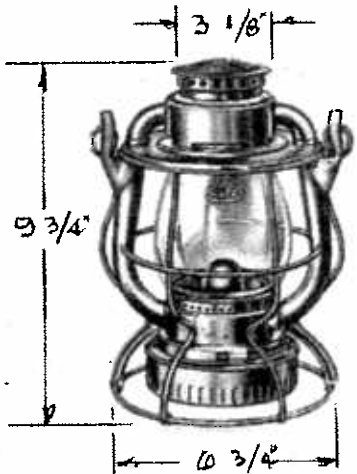
- FINISHED IN BRIGHT TIN, POLISHED BRASS OR BRIGHT TINNED STEEL REDIPPED.

- THIS MODEL COULD BE FURNISHED WITH A RIGID WOOD BAIL THAT HAD ONE LUG ON EACH SIDE THAT FIT INTO A SLOT IN EACH BAIL EAR AND THE BAIL LOCKED IN PLACE.

- APPEARS IN: 1926 DIETZ BROCHURE NO. 29 PAGE 38.

↓ : 1926 DIETZ CATA. NO. 51 PAGE 46, 47.

↓ : VARIOUS PHAMPHLETS, BROADSIDES.



MID 1940'S TO 1959 DIETZ VESTA RR LANT.

WIRE BOTTOM WITH RIDGED SIDED FOUNT.

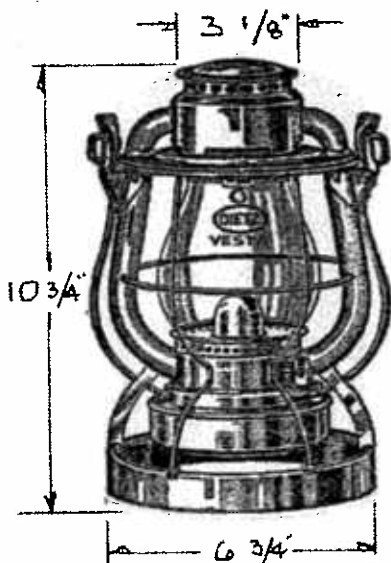
- FINISHED IN A METALLIC FINISH TO GUARD AGAINST RUST.

- THIS MODEL HAD 2-HOLES IN EACH BAIL EAR SO IT COULD BE FURNISHED WITH A RIGID INSULATED FIBRE BAIL THAT FIT INTO THE LOWER HOLES THAT HELD IT IN A STIFF UPRIGHT POSITION.

- THE "LO-TOP" VERSIONS ALL HAVE A SINGLE ROW OF HOLES AROUND THE GLOBE SEAT.

- APPEARS IN: PHAMPHLETS AND ADS BY DIETZ & HARDWARE STORES.

NOTE: I DO NOT HAVE THESE LANTERNS, ON THIS PAGE, IN MY COLLECTION. ALL DIMENSIONS, EXCEPT FOR THE ENGINE LANTERN, ARE FROM CATALOGUES IN MY COLLECTION. IF ANY OF THIS INFO. DIFFERS FROM LANTERNS IN YOUR COLLECTION, PLEASE CONTACT ME.



1926 - 1940'S



1940'S - 1959

1926 TO 1959 DIETZ VESTA ENGINE LANTERN

WIRE BOTTOM WITH HEAVY CAST IRON RING & BASE TO PREVENT LANTERN FROM TIPPING OVER IN THE ENGINE CAB.

THE HEAVY BASE MADE IT UNSUITABLE FOR TRAINMAN'S OR SWITCHMAN'S USE.

NOTE: SMOOTH OR RIDGED FOUNT.

- APPEARS IN: DIETZ UNDATED PHAMPHLETS THAT SHOW THE ABOVE VERSIONS ALONG WITH THE INSULATED BAILES.