

REFRIGERATION PART ONE

ICE-MAKING, COLD STORES AND BREWERIES

BRIAN ROBERTS





lee Machines, Coelles Regimen, Pipe, Tank & Copper Work. Contractors for

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Complete Line of Ammonia Valves and Fittings.

Catalogue on Request.

"The Safety" Refrigerating Machine-Simplest, Strongest, Safest. All sizes.

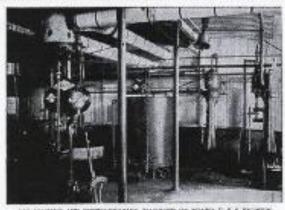
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MEMPHIS, TENNESSEE

Builders of High Grade Small and Medium Size

Ice and Refrigerating Machines

One-Hall to Twenty-Five Tons Baily Capacity.



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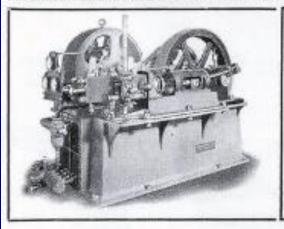
BUILDERS OF THE

Absorption Refrigerating and Ice Making Machine, for direct expansion or brine

Polar BRINE COOLERS and CONDENSERS For Compression Plants

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The Carbonic Anhydride System of Refrigeration

GIVES THE BEST BOONOMY AND EFFI-CIENCY WITH SAFETY IN OPERATION

No Odor No Explosions

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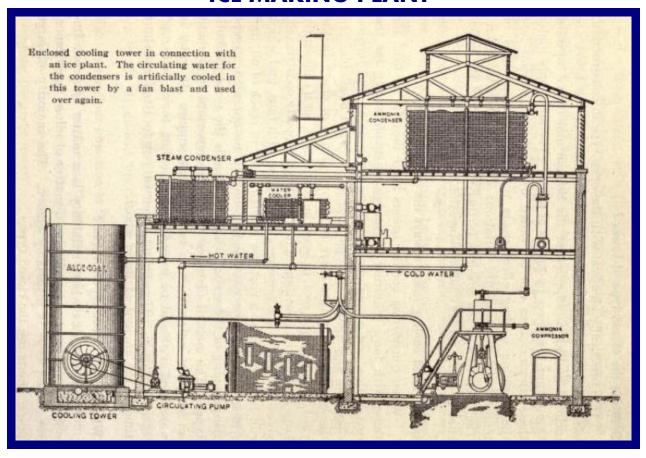
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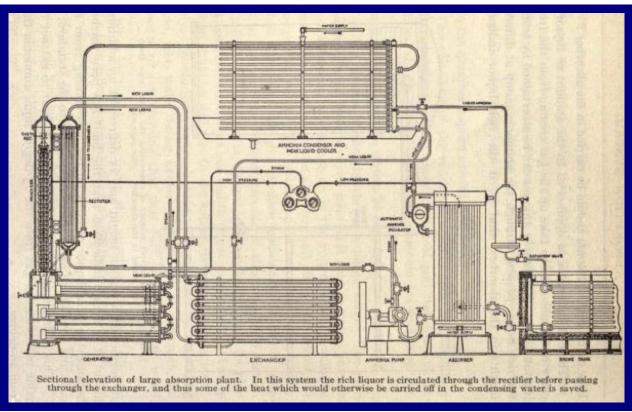
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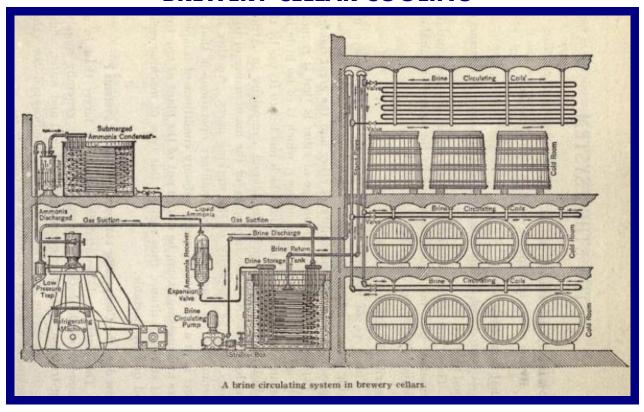
ICE MAKING PLANT



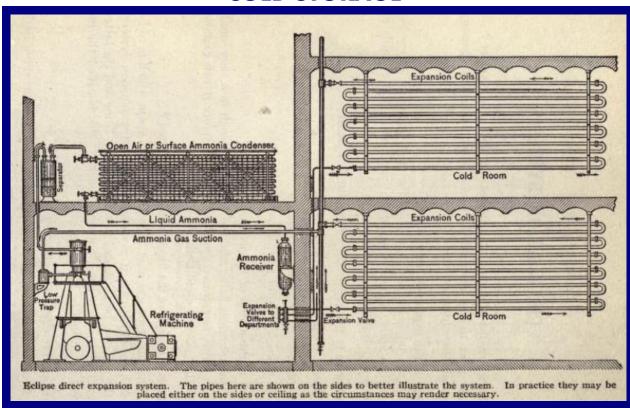
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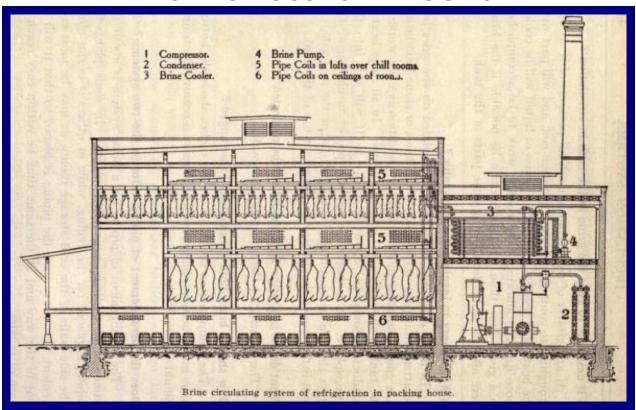
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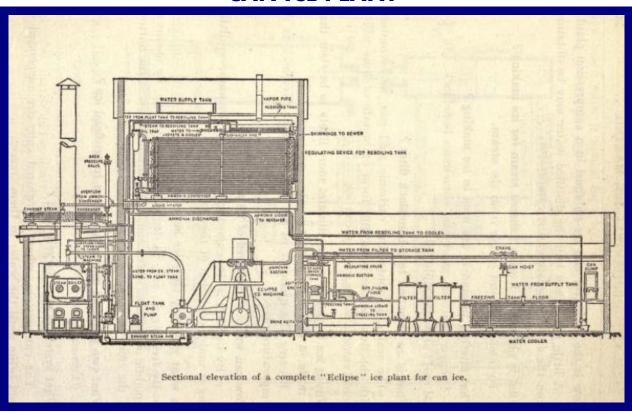
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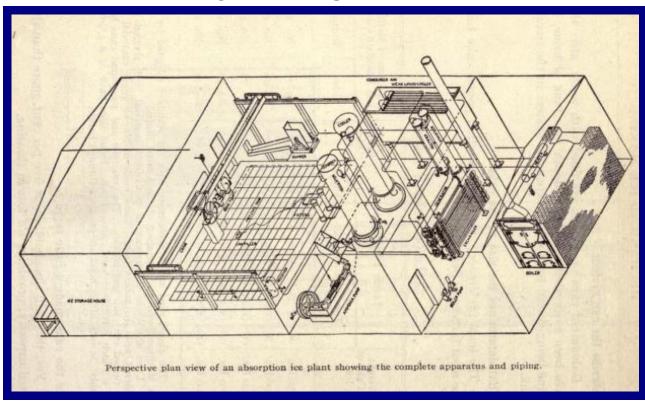
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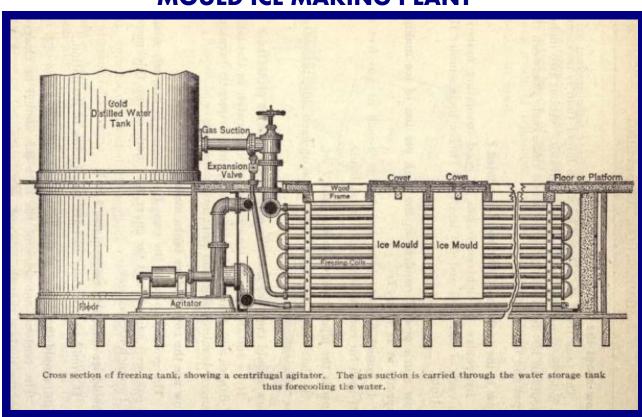
CAN ICE PLANT



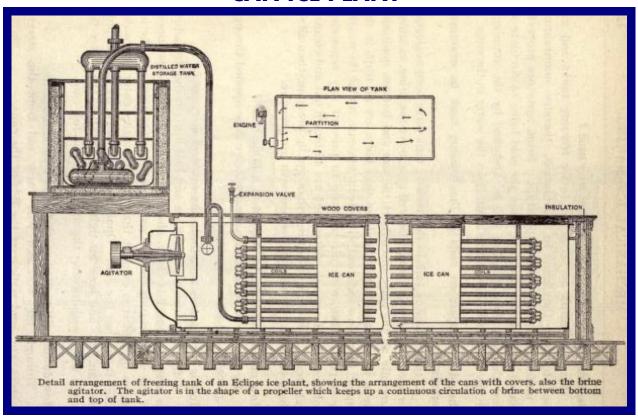
ICE MAKING PLANT



MOULD ICE MAKING PLANT



CAN ICE PLANT



ICE BLOCK PLANT

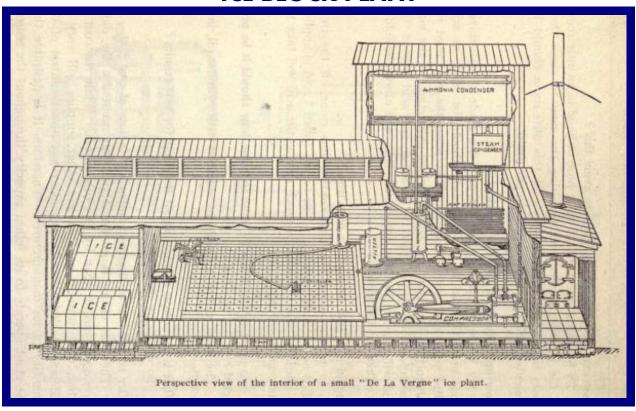
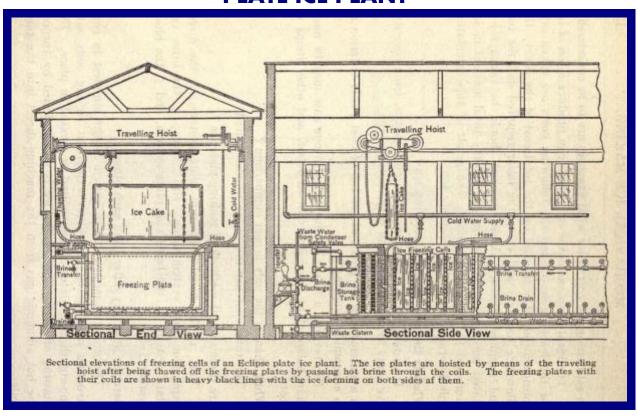
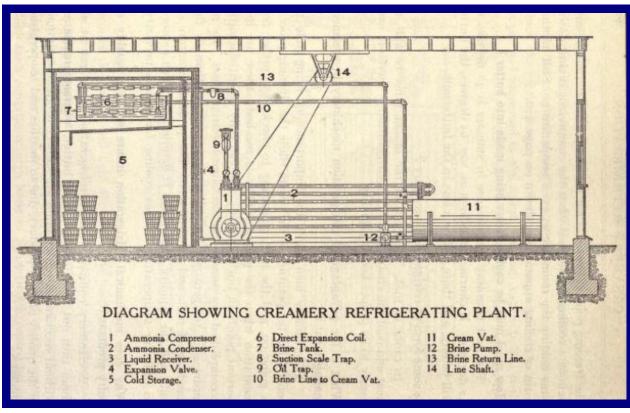


PLATE ICE PLANT



CREAMERY REFRIGERATING PLANT



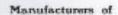
ARTIC COMPANY, OHIO



Main Office and Works:

Canton,

Ohio.



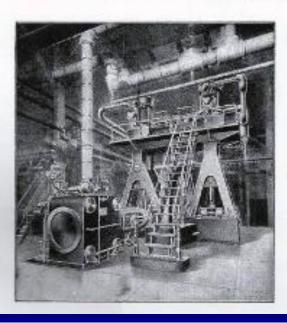
"Arctic" Ammonia and

"Hall's" Patent Carbonic Anhydride (CO2)

Ice Making and Refrigerating Machines

...ALSO ...

TANKS, BOILERS, BRINE COOLERS, CONDENSERS, both for Steam and Ammonia, STEAM PURIFIERS, PIPING



Ammonia Fittings and Valves

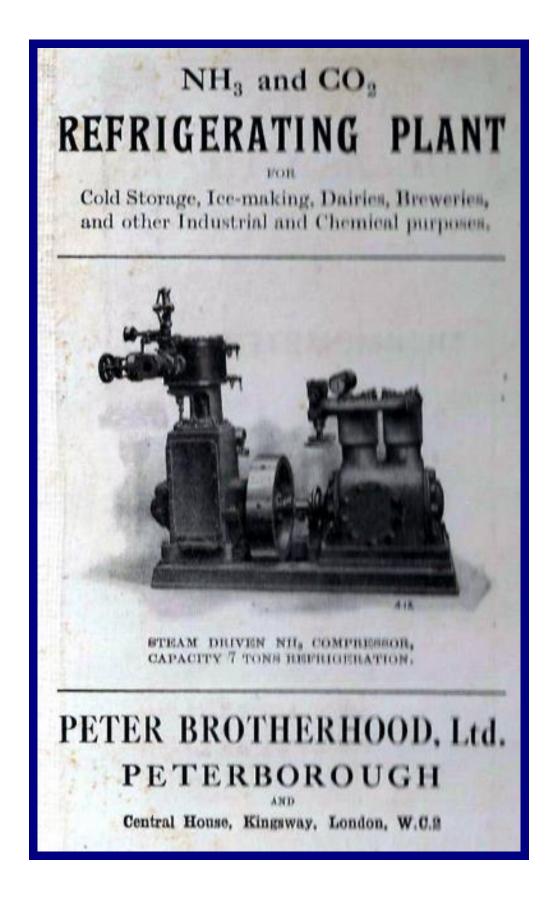
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OUR RECORD

Arctic Machines in Continuous Service for 25 Years

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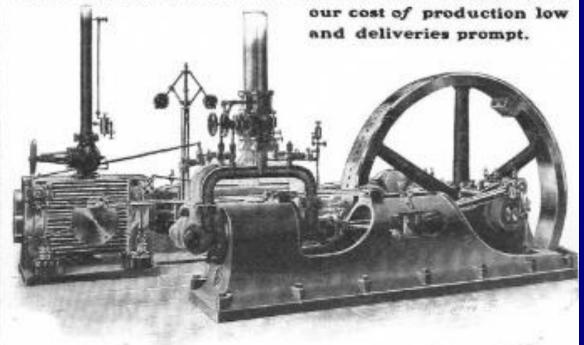


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THE CLEVELAND

makes good

Designed by engineers with experience and push. New patterns. Compressor has all features necessary to make it a machine successful technically and commercially. Shops run on modern lines. Machines built in lots, hence



Horizontal and Vertical Types. 1 to 250 Tons Capacity. Any Drive.

It is not our compressor alone which is efficient. Tanks, pumps, piping, everything that goes with it is planned with care and judgment to make your installation a profitable investment.

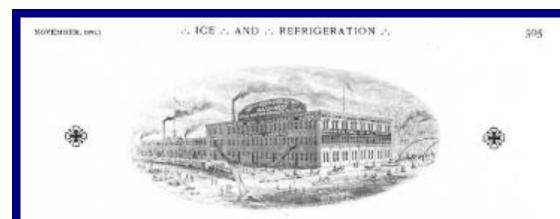
New plants furnished for any service. Old ammonia compression plants of any make improved. Let us show you.

THE CLEVELAND ICE MACHINE CO.

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Cleveland, Ohio

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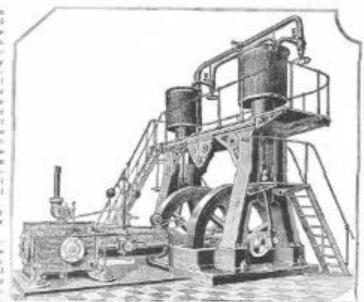


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FOR several years past we have been being engaged in building Consolidated for Machines, and many of the very best running in the United States, at the present lines, are of our manufacture. Sever the regular Company have failed, we have exceededed to continue this business, and hereafter will runnifacture, to order, say Wad or style of a Carrodishased low Machine desired. We will also contract for complete plants, and will put in either direct or latine citedation, as may be desired. We make a specialty of formulating duplicate parts, and here them always in statis, and can formulate or states any detail of these machines. We maintain tree special steel valves and with metal sings designed rope falls for aumorate work.

We guarantee protection against any and all distances pretraded claims for patents on these conditions.

These machines are known throughout the United States for the excellence of their construction, and their superiority to all others in use. They need no latter recommendation than their uses such. All the material and work manufalp on their is of the frees quality.



We have the original descripts and patterns in our power sour, and our limins a better marking for less money than can be built elsewhere. We also manufacture and keep on land to capply the trade the flavor and fittings and steel values made in the world. Assigned especially for accrossin work, and will be pleased to quote prices to pure towers.

NOTE.—It has come to our knowledge that parties coming or electring to seem a legge potent, issued to one James Boyle in 1876, for an approach converse, have been puriting in electricists notices that the purity used or the Consolidated Refrigerating Shackings is an individual section of a soid potent, and that they will heigh soil against any one using them, therefore we borely generates to all persons purchasing one of our machines protection against ask fronteins for them, and require all persons reaching one of soil nation to forward the same to us, with a statement setting forth whether they have been influenced not uslay a Consolidated Markon therefore the given the parties within what a problem of the control of the same by them, by an expression and from the same problem of the during to our hormous by them, by an expressionation and from them.

JOHN FEATHERSTONE'S SONS,

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- CHICAGO.

HASLAM FOUNDRY, DERBY

ADVERTISEMENTS.

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Ice-Making and Refrigerating Machinery

ON FOUR DIFFERENT SYSTEMS.

DRY AIR,
AMMONIA COMPRESSION,
AMMONIA ABSORPTION,
CARBONIC ANHYDRIDE (C.O.).

Used by all the leading COLD STORAGE COMPANIES, SHIP OWNERS and BREWERS throughout the World.

CATALOGUE AND ESTIMATES ON APPLICATION.

THE

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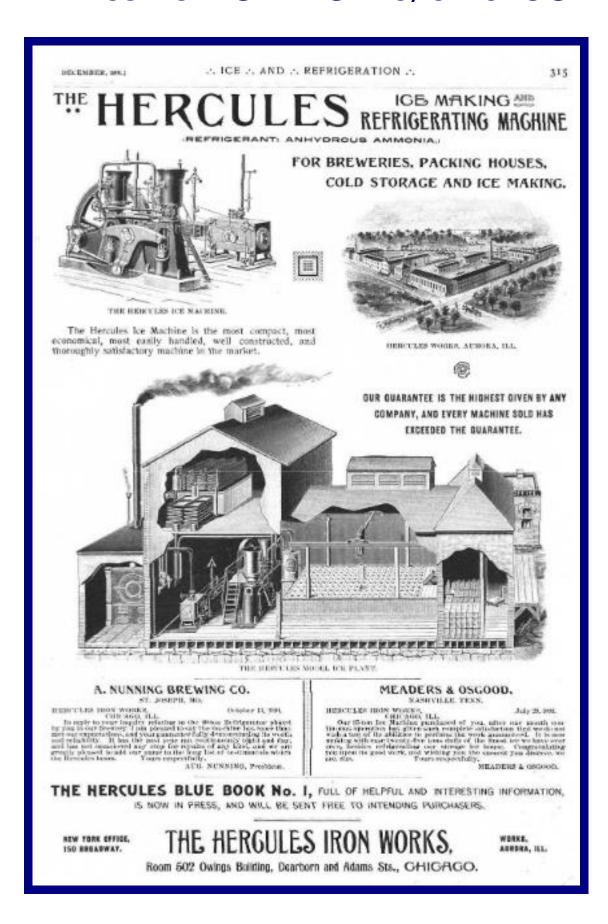
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PONTIFEX & WOOD, LTD.

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DETROIT, MICHIGAN

Western Office: 609 Postal Building Kansas City, Missouri

Eastern Office: Real Estate Trust Bldg. Philadelphia . . Pessa.

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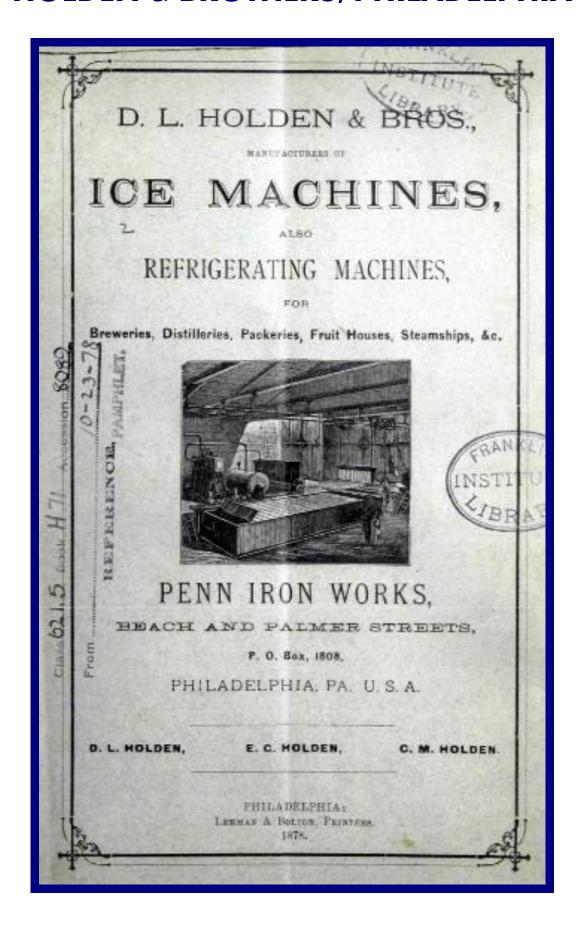
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STANDARD "GREAT LAKES" MACHINE Built in All Sizes

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HOLDEN & BROTHERS, PHILADELPHIA



PICTET ICE MACHINE, NEWBURGH

DULY, 1994

A ICE A AND A REFRIGERATION A

53



PICTET



Ice Refrigerating Machine

MANUFACTURED BY

WHITEHILL ENGINE PICTET ICE MACHINE CO.

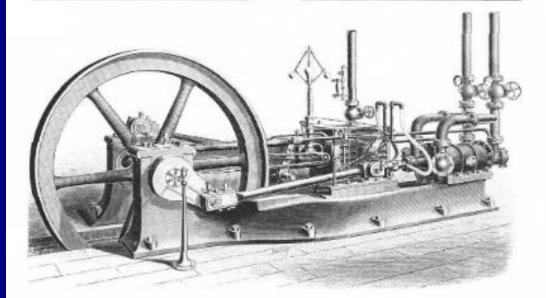
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Peter Machines on Anhydrous Sulphureus Oxide, a chemical rotated for its low working premium, a of diself a lidetisel, and meet not rejuse any of the metals. Its low pressure is a guarantee against explosion.



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poster deposits. Credit-power, Normal Trained Jacobset to, 1907, 1918, PST-RES ARTHRIDAL, 1918 (1), 1918, 19





Working Pressure from 50 to 75 lbs.

We guarantee GREATER ECONOMY OF FUEL, doing the same amount of work with less coal than any machine in the market.



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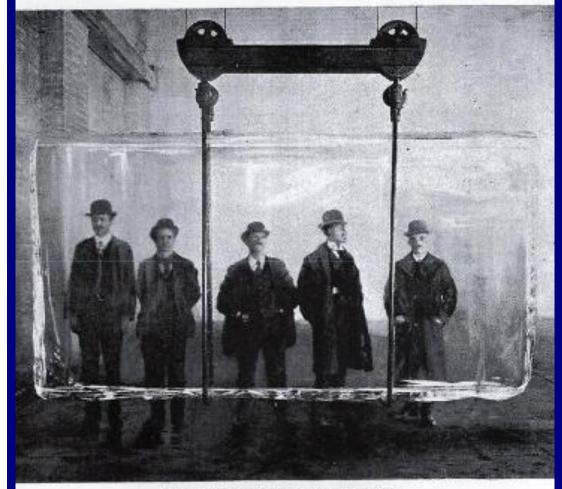
WHITEHILL ENGINE & PICTET ICE MACHINE CO.

WORKS: NEWBURGH, N. Y.

New York Office, 21 Cortlandt St., Room 6.

PLIABLE PLATE ICE, NEW YORK

United States Pliable Plate Ice Co.



PICTURE OF ICE CAKE MADE BY GUR SYSTEM

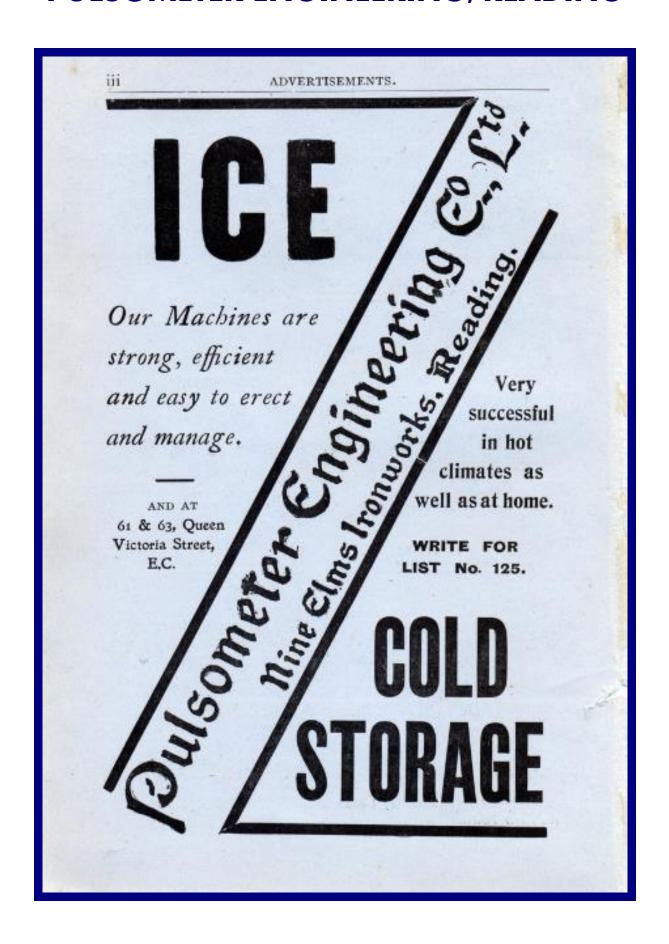
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Economy Quality

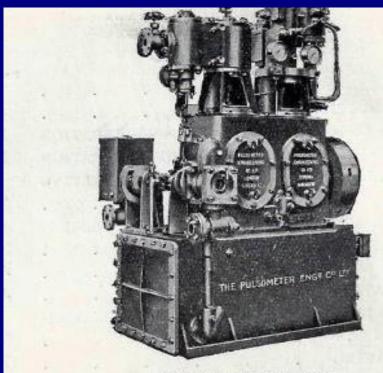
COST OF ICE 50 CENTS PER TON TIME OF FREEZING 50 HOURS

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Self contained Ice Machine

Ice Making & Refrigerating

Machinery

On the N.H3 & CO2 Systems

OUR machines have been specially designed to give the least possible amount of trouble in working and to secure a minimum of repairs. Proof of our claims is found in the repeat orders we receive.

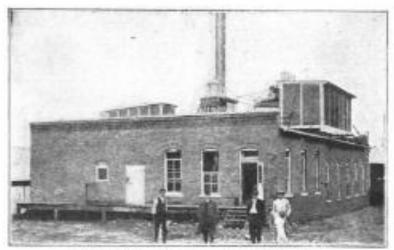
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11 Tothill Street LONDON, S.W.1 Nine Elms Ironworks READING

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MONEY MAKING MACHINERY

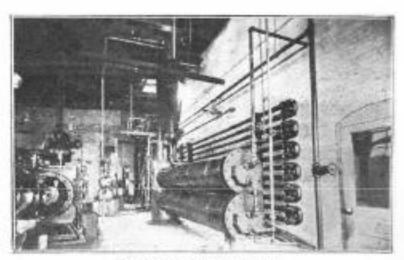


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Combine with your
Electric Machinery a
Vogt Absorption
Ice Making Machine
and
Use your Exhaust
Steam.

This is one of a Lot of Combined Plants.

Every One Making Money since adding Absorption Machine.



The Vogn Machine takes Little Room.

Our Latest: Horizontal Tubular Brine Coolers and Condensers

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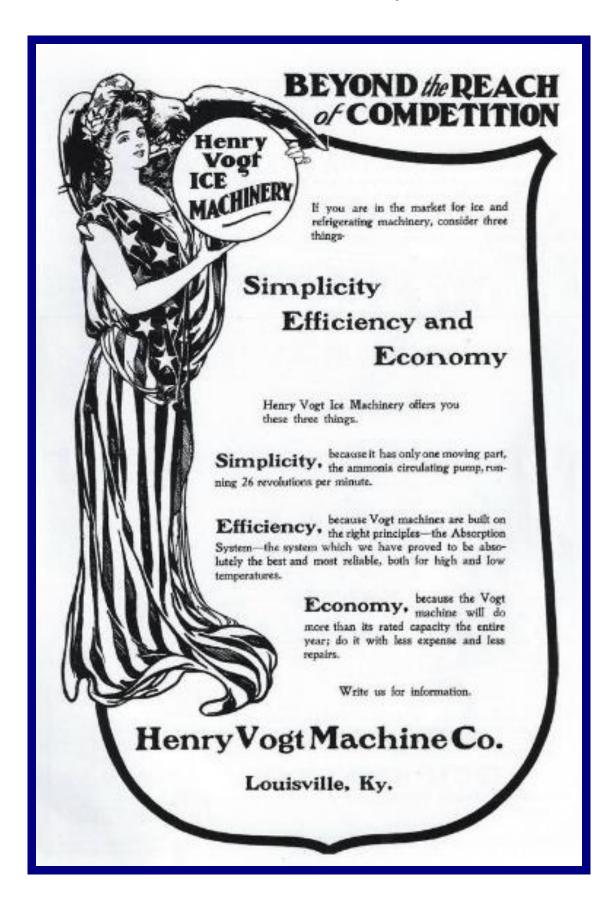
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Vogt Water Tube Boilers will make an Ideal Plant.

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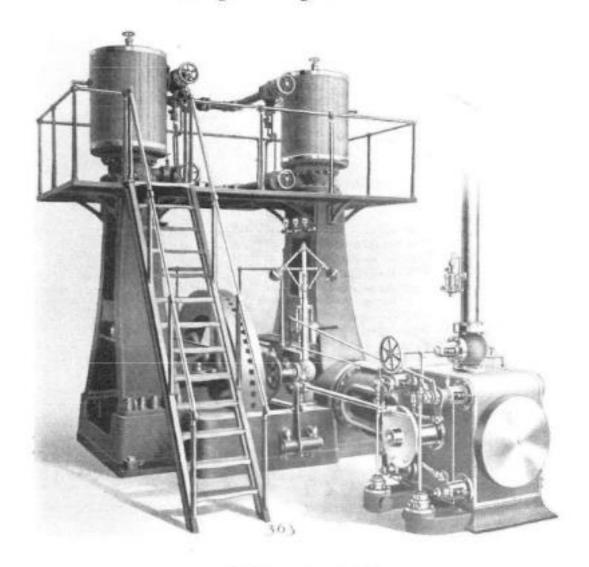
YORK MANUFACTURING CO.

YORK, PENNSYLVANIA, U.S.A.

Bulletin No. 19

September, 1907

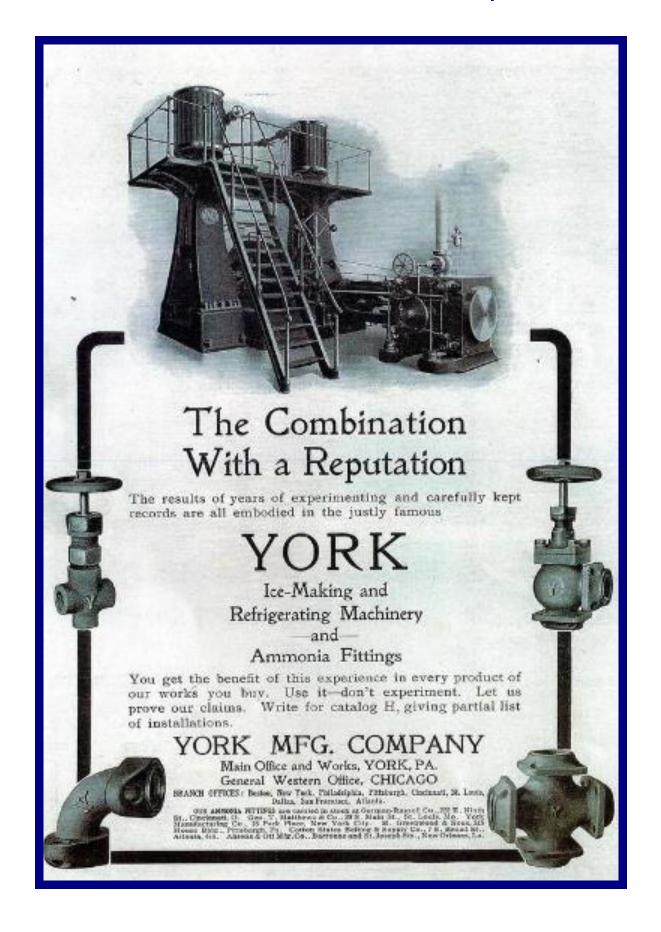
Vertical Single-acting Ice Making and Refrigerating Machine

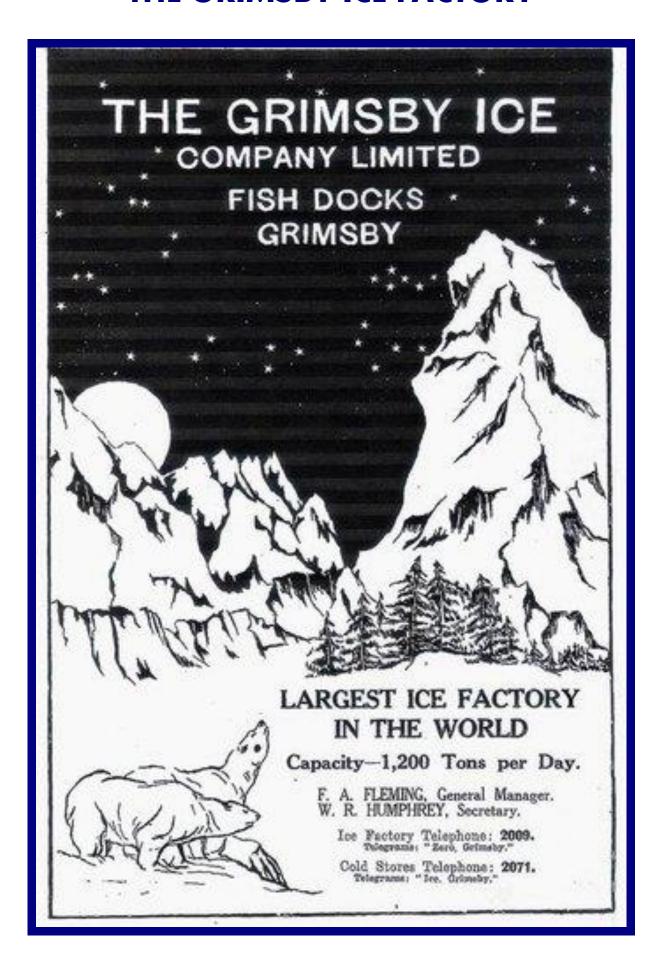


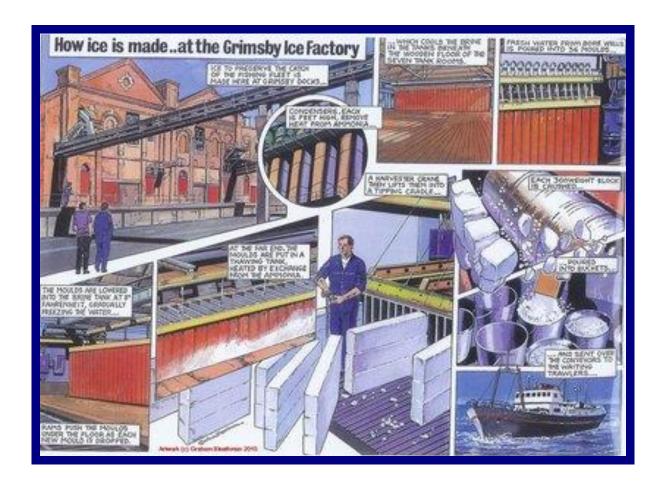
125-ton Refrigerating Machine.

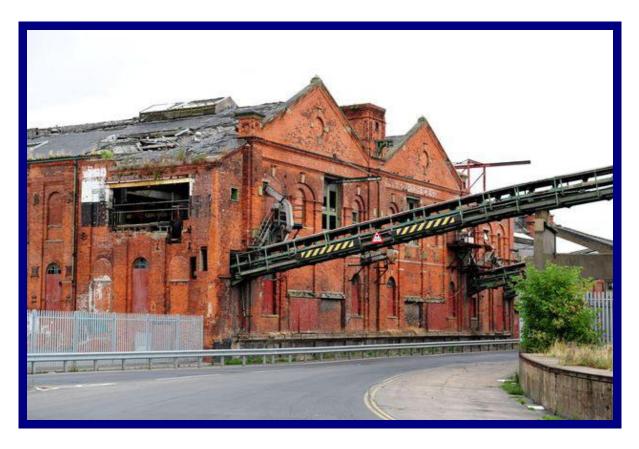
Compressors—18" bore, 28" stroke. Steam Cylinder—26" bore, 28" stroke.

YORK MANUFACTURING, PA















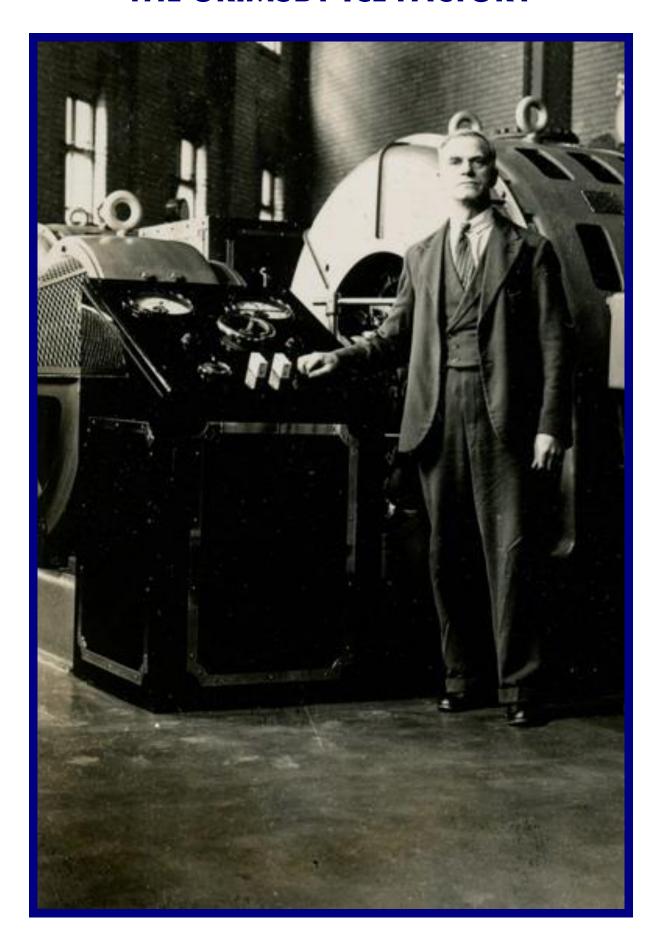


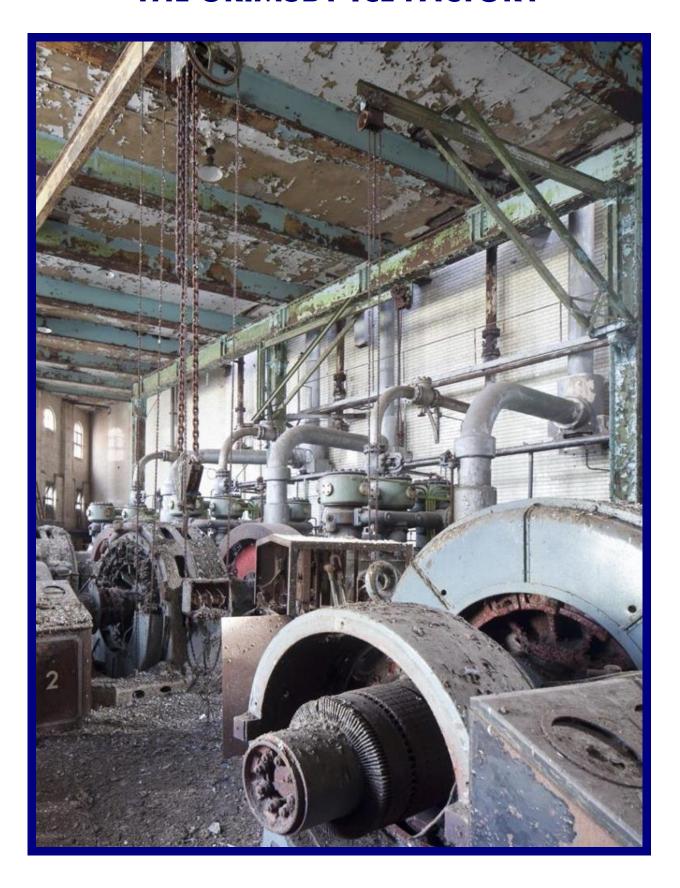












ARMOUR MEAT PLANT, ST LOUIS, MO.





ARMOUR MEAT PLANT, ST LOUIS, MO.

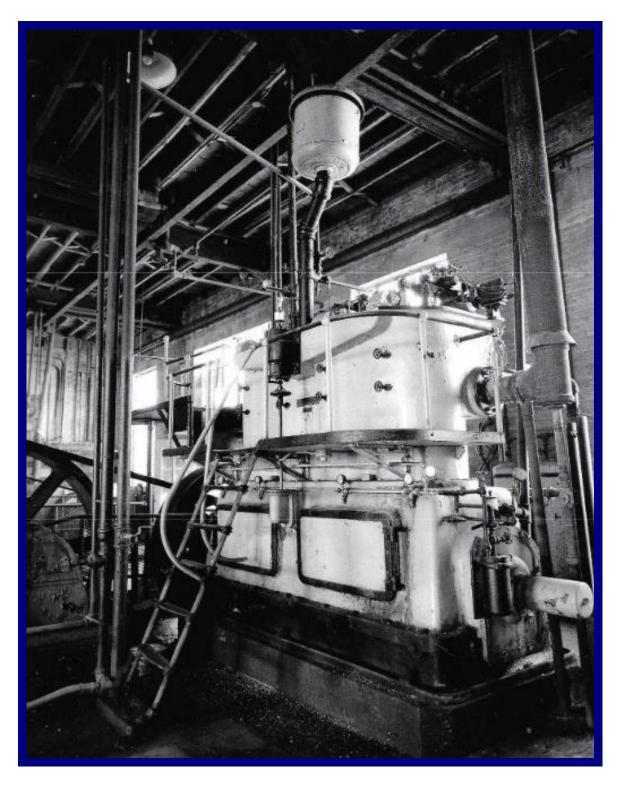




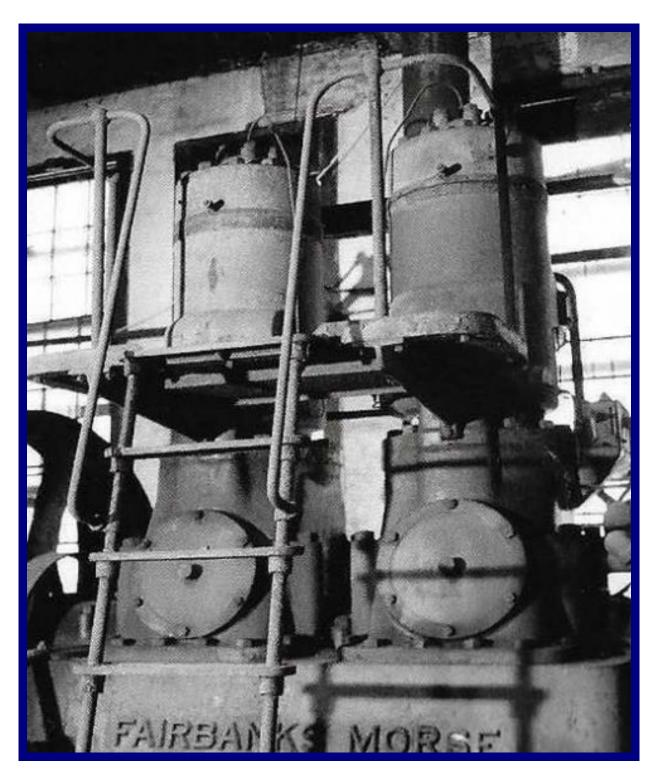
ARMOUR MEAT PLANT, ST LOUIS, MO.



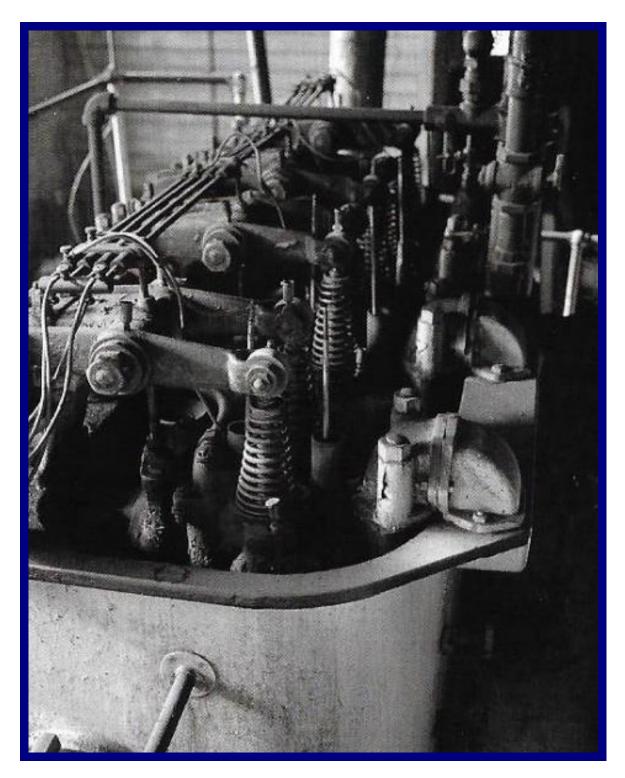




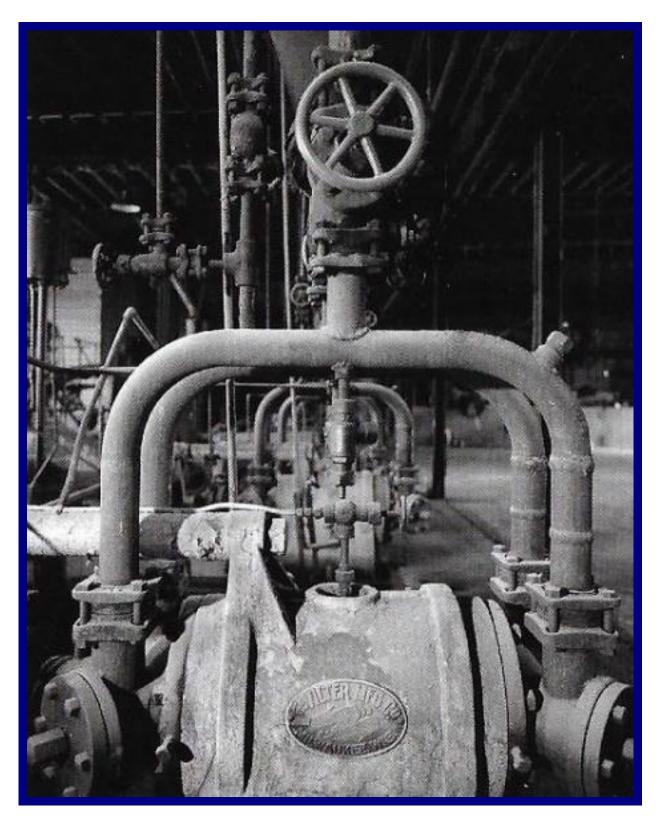
Diesel driving refrigeration compressor



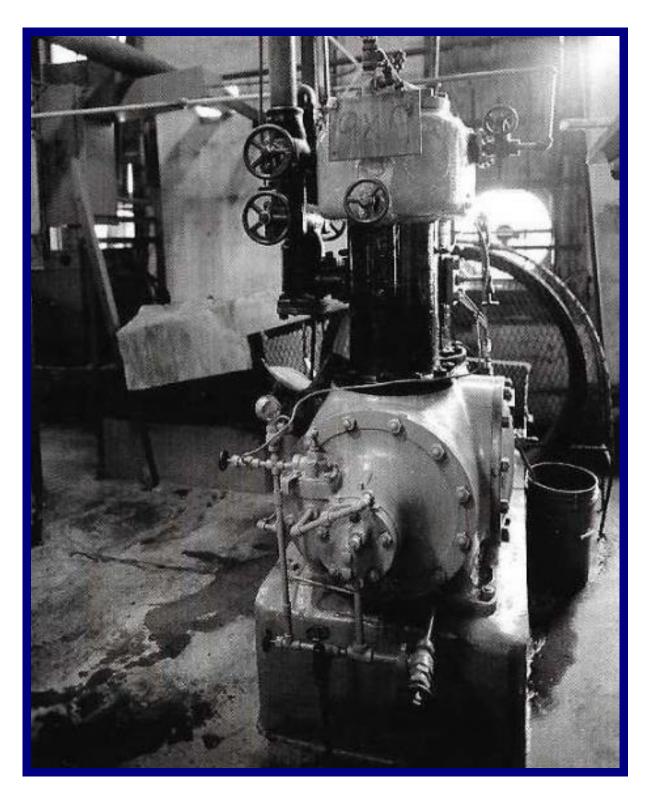
Fairbanks Morse diesel driving refrigeration compressor



Diesel engine with cover removed



Vilter Manufacturing refrigeration compressor



Refrigeration plant



Frick Company refrigeration plant



Refrigeration plant

BREWERY CELLARS COOLING

