

COLD FACTS about "The Largest Refrigerating Machine Ever Built."

In the December issue of a journal devoted to the interests of the refrigerating business there appeared an article describing a cold storage plant. The frontispiece to this article was an elaborate picture, under which was printed the words: THE LARGEST REFRIGERATING MACHINE EVER BUILT," and this assertion is repeated in various forms in the article proper.

Everyone interested, either directly or indirectly, in ice and refrigerating machines knows that the "LARGEST REFRIGERATING MACHINE EVER BUILT" was the 500 ton machine built and erected by us three years ago. We are, therefore, surprised to find that there is another "LARGEST REFRIGERATING MACHINE," and the only reason we can assign for it is an intention to deceive prospective customers and the public at large.

The bogus "LARGEST REFRIGERATING MACHINE EVER BUILT," as a matter of fact, according to dimensions given with the picture published, is, at the very best, at 40 revolutions per minute, a 300 ton machine, and was actually sold as a 300 ton machine by the builders. Accepting their own statement, therefore, there can be no question that what they call "THE LARGEST REFRIGERATING MACHINE EVER BUILT" is a 300 ton machine, whereas the one built by us three years ago is almost twice as large.

For the benefit of those interested in this subject, and particularly prospective customers who might be misled by statements such as have appeared in the article referred to, we wish to say that the only correct way in which an honest comparison can be made between two machines, provided they are run at the same speed, is to compare their gas pumping capacity. To do this, multi-

ply the square of the diameter of the compressor by length of stroke, by number of discharges per revolution and by number of compressors on machine. A double-acting compressor has two discharges per revolution, while a single-acting compressor has but one discharge for each revolution. Do this with all the machines you want to compare, and the resultant figures will be in the same proportions to each other as the capacities of the machines.

300 ton machines were built by us as far back as 1890, so there is nothing so very startling at this late date in the building of a 300 ton machine.

That we are not only builders of **THE ONLY "LARGEST REFRIGERATING MACHINE EVER BUILT,"** but that the demand for OUR MACHINES, in spite of the cheap and poorly constructed ones in the market, is constantly increasing, is demonstrated by the following number of machines sold by us since July 1st, 1895:—

3	Machines of 220 tons capacity each.....	660	tons
1	do. " 150 " " "	150	"
7	do. " 100 " " "	700	"
2	do. " 75 " " "	150	"
17	do. " 50 " " "	850	"
4	do. " 35 " " "	140	"
5	do. " 25 " " "	125	"
1	do. " 18 " " "	18	"
3	do. " 10 " " "	30	"
2	do. " 2 " " "	4	"
2	do. " 1/2 " " "	1	"
47		2828	"

47 Refrigerating Machines, equal to the melting of 2828 TONS OF ICE every twenty-four hours.

The De La Vergne Refrigerating Machine Company,

FOOT OF EAST 138th STREET. NEW YORK.

December 20, 1895

THE "WELLS LIGHT"



Wallwork & Wells' Patents

(Registered Title).

800 to 2,000 Candle Power from Kerosene Oil.

Portable, Self-Contained, Automatic.

UNAFFECTED BY WEATHER.

Specially adapted for Contractors, Quarries, Shovelers, Railroad Construction, Dredges, Bridge and Dock Builders, Water-Works, Brick Yards and Coal Docks.

400 RAILROADS AND OVER 300 CONTRACTORS NOW USE THE WELLS LIGHT.

CHARLES A. SIMS & CO.
Harrison Building, 15th & Market Streets, PHILADELPHIA, May 7th, 1896.
The Wells Light Mfg. Co.,
No. 41 and 43 Washington Street, New York City.

Gentlemen—
We are pleased to state that we have used your Wells Light on railroad construction work during the past few years. We have found these lights to give perfect satisfaction for night work on heavy masonry and about steam ovens.
They are easy to move about. The expense while in operation is very reasonable, and we consider them far superior to an electric light plant for our work.
Yours very truly,
CHARLES A. SIMS & CO.

WELLS LIGHT MFG. CO.,

EDWARD ROBINSON, Sole Prop.,

42 Washington Street, NEW YORK.

Canadian Agents: JAMES COOPER, 164 St. James Street, Montreal.