

AUTHORITY,

18804	RECEIVED.
OFFICE OF INDIAN AFFAIRS	NOV 10 1888

*American Training School
Carlisle Barracks Pa.
Capt. R.H. Pratt, 10th Coy.
Supt.*

Nov. 6. '88

~~Returns letter of
Richard G. Robe -~~

Special

Yes

E.V.

27547 OFFICE OF INDIAN AFFAIRS. 1888
REC'D NOV 7

50 11 11
~~Capt. R.H. Pratt~~
 DEPARTMENT OF THE INTERIOR
 INDIAN SCHOOL
 NOV 9 1888
 5469
 24/134
 Nov. 6. 1888

*Asks auth. to purchase
boilers for school build-
ing, costing \$775.*

1 mi

*Special
H.R. Eng. & Machinery.
J.H.O.*

*Trans. to S. Nov. 7-88
To Secretary, Nov. 88
" Pratt " 13/88
E+7
Goodwin*

U. S.

Indian Industrial School,

Carlisle, Pa., Nov. 6. 1888.

To the Hon.

The Commr. of Indian Affairs,
Washington, D.C.

Sir:

Our new school room building is so much increased in size over the old building, that we have no boiler large enough to satisfactorily heat it. I have looked over the ground carefully, and, aided by my experience with the different kinds of boilers we have in use here, I am satisfied that the best for heating buildings, that has come under my observation, is the Star Water Tube boiler, Lindemuth's patent, manufactured at Mt. Joy, Penna. We shall need a No. 8.

A large hotel in town, which has been bothered with its heating, has tried one of these boilers the past winter and

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Commr.

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is satisfied it is by far the best and most economical boiler they have heard of. The Company is anxious to place one in our building, and agrees to set it in place, with all fixtures complete, at \$775.⁰⁰ which is \$105.- below the list price - See inclosed Circular. - They also guarantee, that if it does not save one third the coal used by other boilers, they will remove it without expense and refund our money. The statements of those who have used them, confirm to me the claims of the Company.

We shall be able to occupy the School building the first week in Decem-ber, and it is important we have the boiler promptly. I respectfully request your authority to purchase a No. 8. Star Water Tube boiler - Lindemuel's Patent - placed in our building without extra cost and fully guaranteed at seven hundred

Common.

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and seventy-five dollars.

As the boiler will have to be made,
I request that action on this may be
hastened.

Very Respectfully,
Your Obedt. Servt.

R.H. Pratt
Capt. 10th Cav.
Supt.

REVISED PRICE LIST, JUNE 12, 1888,

— OF THE —

Star Steam Heater Co.'s

STAR GAS BURNING AND WATER TUBE STEAM AND HOT WATER

HEATERS.

(LINDEMUTH'S PATENT.)

FACTORY AND MAIN OFFICE:

MOUNT JOY, PA.

NEW YORK OFFICE: 79 MAIDEN LANE.

DIMOCK, FINK & CO.,

SELLING AGENTS.

INDIAN OFFICE.

1888

Inclous No.

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NOV 9 1888

DEPARTMENT OF
INTERNAL AFFAIRS

5480

The Star Gas Burning, Steam Heater, Lindemuth's Patent.

No. of Boiler.	Diam. of Shell in Inches.	Height of Shell in Inches.	Diam. of Fire-pot in Inches.	Depth of Fire-pot in Inches.	Diam. of Gas Chamber in Inches.	Depth of Gas Chamber in Inches.	Total Height over all in Inches.	Height of Ash Pit in Inches.	Number $2\frac{1}{2}$ Inch ^s Tubes.	Number 3 Inch Tubes.	Length of Tubes.	Diam. of Smoke Flue in Inches.	Square Feet Grate Surface.	Size of Chimney in Inches.	Size of Steam Supply, One Each.	Size of Return Pipe, Two Each.	Square Feet Heating Surface.	Square Feet Radiating Surface it will Supply.	Price Complete with all Trimmings.
1	26	46	22	22	13	16	61	12	18	28	6	$2\frac{1}{2}$	8x10	$1\frac{1}{2}$	$1\frac{1}{4}$	52	312	\$200	
2	30	49	26	22	17	18	64	12	22	36	7	3	10x10	2	$1\frac{1}{4}$	68	400	250	
3	32	52	27	23	13	18	68	12	19	15	32	8	14x14	$2\frac{1}{2}$	$1\frac{1}{2}$	100	600	310	
4	36	55	31	24	18	19	71	12	22	18	36	9	14x15	3	$1\frac{1}{2}$	127	762	360	
5	42	60	36	25	23	21	75	12	27	23	42	10	15x15	3	$1\frac{1}{2}$	178	1068	430	

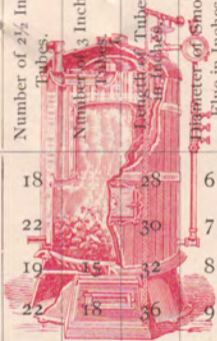


Please note that we have rated our boilers low, but will in every case guarantee them to do the work called for. Prices include all trimmings, viz., Steam Gauge, Try Cocks, Glass Water Gauge, Pop Safety Valve Damper, Regulator, etc. All tested to 80 lbs. hydraulic pressure.

Discount, **F. O. B. Mount Joy, Pa.**

The Star Gas-Burning Boiler as a Hot Water Heater.

No. of Boiler.	Diameter of Shell in Inches.	Height of Shell in Inches.	Diameter of Fire Box in Inches.	Depth of Fire Pot in Inches.	Total Height all Inches.	Height of Ash Pit in Inches.	Number of 2½ Inch Tubes.	Number of 3 Inches Tubes.	Length of Tubes in Inches.	Diameter of Smoke Flue in Inches.	Square Feet Grate Surface.	Size of Chimney in Inches.*	Number of Square Feet Heating Surface.	Radiating Surface will Supply.	Price, Complete with all Trimmings.
1	26	46	22	22	61	12	18	28	6	2½	8x10	55	550	\$180	
2	30	49	26	22	64	12	22	30	7	3	10x10	72	720	230	
3	32	52	27	23	68	12	19	32	8	4	14x14	104	1040	290	
4	36	55	31	24	71	12	22	36	9	5	14x15	134	1340	340	
5	42	60	36	25	75	12	27	42	10	6	15x15	187	1870	390	



The same low rating is contained in our claims as a Water Heater. All tested to 80 lbs. hydraulic pressure.

Discount,..... F. O. B. Mount Joy, Pa.

The Star Water Tube Boiler, Lindemuth's Patent.

No. of Boiler.	Length of Boiler in Feet.	Width of Boiler in Inches.	Height of Boiler in Inches.	Diam. of Tubes in Inches.	Number of Tubes.	Size of Steam-dome in Inches.	Depth of Water Space in In.	Height of Ash Pit in Inches.	Square Feet Grate Surface.	Width of Fire Box in Inches.	Number of Steam Supplies.	Diam. of Steam Supply Pipes.	Number of Water Returns.	Diameter of Return Pipes.	Amount of Heating Surface Square Feet.	Number of Square Feet Radiating Surface will Supply.	Price Complete with Trimmings.
1	6' 6''	41	46	2	40	18x12	10	12	6½	36	2	2	2	1½	190	1330	\$450
2	6' 6''	41	49	2	50	18x12	10	12	7	36	3	2	3	1½	225	1575	480
3	6' 6''	41	52	2	60	18x12	10	15	7½	36	2	2½	2	2	260	1820	510
4	6' 6''	41	55	2	70	18x12	10	15	8	36	3	2½	3	2	300	2100	570
5	8' 6''	41	52	2	60	24x15	10	18	9	36	4	2½	4	2	330	2310	650
6	8' 6''	41	55	2	70	24x15	10	18	10	36	2	3	2	2½	380	2680	710
7	8' 6''	47	55	2	84	24x15	12	18	11	42	3	3	3	2½	445	3165	750
8	10' 6''	47	55	2	84	24x15	12	18	12	42	4	3	4	2½	550	3850	880

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 PRICE COMPLETE WITH TRIMMINGS

AUTHORITY,

These Prices include all Trimmings complete—Steam Gauge, Glass Water Gauge, Try Cocks, Draft Regulator, Pop Safety Valves—all of the best.

These Boilers are all tested to 80 pounds hydraulic pressure. If wanted for power, either alone or in connection with a Steam Plant, add 20 per cent. to the above prices, when extra heavy material will be used and they will be double stay-bolted throughout. Larger sizes on application.

Discount,..... F. O. B. Mount Joy, Pa.