The following table is abstracted from one published in "Warming and Ventilation of Buildings," by J. H. Mills:

EXPERIMENTS ON DIFFERENT STEAM-HEATED SURFACES AND DIFFERENT MATERIALS.

WROUGHT-IRON, CAST-IRON, STEEL, AND BRASS PIPES. CORRUGATED, RINGED, AND PLAIN SURFACES.

		Square Feet of Surface.	Temperature.			Lbs. of Water Condensed per Sq. Ft. per Hr.	Heat-units per Degree Diff. Steam and Air.
			Steam.	Air of Room.	Difference. B – C.		
J. H. Nason, 1862.	Description of heating surface	A	B	C	D	1	1
	Plain wrought-iron pipe, 1", 100' in a single horizontal line	33.30	212	70	142	.31	2.89
	Plain cast-iron pipe 3" diameter outside, 5' long	4.02	212	70	142	.34½	2.42
	" " " 3" " " 5' " but thinner than above	4.02	212	70	142	.344	2.42
	Ribbed cast-iron pipe, S. Williams; core 3" in diam., 5' long; ribs ⅜' deep, ½" between cylinders, 1" cylinders	8.87	212	70	142	.24	1.69
	Ribbed cast-iron pipe, No. 1, J. Nason & Co., 3" outside	10.70	212	70	142	.275	1.95
	" " " " 2, " " " 3" " heavier ribs than No. 1	9.20	212	70	142	.280	1.98
	Plain cast-iron pipe, J. Nason & Co. } Placed side by side and tested together.	4.02	212	70	142	.36	2.54
	Ribbed " " " " " }	10.70	212	70	142	.245	1.72
	Curved rib cast-iron radiator, Morris, Tasker & Co	14.14	212	70	142	.269	1.89
	Box-radiator, cast iron, with straight vertical ribs	44.30	212	70	142	.21	1.60
	Vertical cast-iron ringed-pipe radiator, 7 Sec. "Clogston"	21.00	212	70	142	.237	1.67
J. H. Mills, 1888.	Cast-iron pipe 3" diam., in single line	25.00	222	70	152	.312	2.06
	Wrought-iron pipe 3" diam., in single line	26.00	228	70	158	.312	1.98
	Steel pipe 4" diam., in single line	25.00	230	68	162	.39	1.86
	Brass 1" horizontal pipe; 4-branch circulation	10.00	230	62	168	.351	2.09
	Wrought-iron, 1" horizontal pipe, 4-branch circulation	10.00	228	65	163	.412	2.53
	Plain brass vertical tube-radiator ½" diam., 2 × 4	12.00	230	62	163	.269	1.60
	Corrugated brass vertical tube-radiator ½" diam., 2 × 16	48.00	228	60	168	.214	1.26
	Vertical wrought-iron tube-radiator, Walworth, 1 row of 20 pipes	20.00	228	77	151	.369	2.43
	" " " " " " 2 " " 16 "	32.00	228	70	158	.343	2.04
	" " " " " " 3 " " 16 "	48.00	228	72	156	.219	1.80
	"Union" radiator, cast iron, 6 sec., 29" high	25.00	228	70	158	.32	2.03
	"Triumph" radiator, A. A. Griffing Iron Co., cast-iron, 8 loops	40.00	230	65	165	.275	1.67
	Peirce "Excelsior" cast-iron radiator, 10 sections	40.00	228	63	165	.219	1.70
	"Art" radiator, cast iron, 6 panels	18.00	228	74	154	.264	1.71
	" " " " 12 " double	36.00	228	70	158	.199	1.25
	Detroit Radiator Exeter Machine Co., cast-iron, 8 loops	40.00	228	73	155	.256	1.65
	Single bar of Gold's Pin Indirect Radiator, 3" × 6" × 3½'	10.00	228	70	158	.375	2.37
	Howard Oxbow Radiator, 2 loops, cast iron. Date 1866	25.00	228	70	158	.347	2.20

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