

Orifice Sizing for Radiators EDR 1-200 with System Pressures 1-32 oz.
(using Napier Formula for steam flow through an orifice)

Pressure (OZ.)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
EDR (Sq Ft)	7/64	5/64	1/16	3/64	3/64	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32
1	7/64	5/64	1/16	3/64	3/64	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32
2	5/32	7/64	5/64	5/64	1/16	1/16	3/64	3/64	3/64	3/64	3/64	3/64	3/64	3/64	3/64	3/64
3	3/16	1/8	7/64	3/32	5/64	5/64	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16	1/16
4	7/32	5/32	1/8	7/64	3/32	5/64	5/64	5/64	5/64	5/64	5/64	5/64	5/64	5/64	5/64	5/64
5	1/4	11/64	9/64	1/8	7/64	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32
6	17/64	3/16	5/32	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32
7	19/64	13/64	11/64	9/64	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32
8	5/16	7/32	11/64	5/32	9/64	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32
9	21/64	15/64	3/16	5/32	9/64	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32	3/32	3/32	3/32
10	23/64	1/4	13/64	11/64	5/32	9/64	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32	3/32	3/32
11	3/8	17/64	13/64	3/16	5/32	9/64	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32	3/32	3/32
12	25/64	17/64	7/32	3/16	11/64	5/32	9/64	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32	3/32
13	13/32	9/32	15/64	13/64	11/64	5/32	9/64	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32	3/32
14	27/64	19/64	15/64	13/64	3/16	11/64	5/32	9/64	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32
15	7/16	19/64	1/4	7/32	3/16	11/64	5/32	9/64	1/8	7/64	7/64	3/32	3/32	3/32	3/32	3/32
16	29/64	5/16	1/4	7/32	13/64	11/64	11/64	5/32	9/64	9/64	1/8	1/8	1/8	1/8	1/8	1/8
17	15/32	21/64	17/64	15/64	13/64	3/16	11/64	5/32	5/32	5/32	5/32	5/32	5/32	5/32	5/32	5/32
18	15/32	21/64	17/64	15/64	13/64	3/16	11/64	5/32	5/32	5/32	5/32	5/32	5/32	5/32	5/32	5/32
19	31/64	11/32	9/32	15/64	7/32	3/16	3/16	11/64	5/32	5/32	5/32	5/32	5/32	5/32	5/32	5/32
20	1/2	23/64	9/32	1/4	7/32	13/64	3/16	11/64	11/64	5/32	5/32	5/32	5/32	5/32	5/32	5/32
21	33/64	23/64	19/64	1/4	7/32	13/64	3/16	11/64	11/64	5/32	5/32	5/32	5/32	5/32	5/32	5/32
22	17/32	3/8	19/64	17/64	15/64	13/64	3/16	11/64	11/64	5/32	5/32	5/32	5/32	5/32	5/32	5/32
23	17/32	3/8	5/16	17/64	15/64	13/64	3/16	11/64	11/64	5/32	5/32	5/32	5/32	5/32	5/32	5/32
24	35/64	25/64	5/16	17/64	15/64	13/64	3/16	11/64	11/64	5/32	5/32	5/32	5/32	5/32	5/32	5/32
25	9/16	25/64	21/64	9/32	1/4	7/32	13/64	3/16	11/64	11/64	5/32	5/32	5/32	5/32	5/32	5/32
26	37/64	13/32	21/64	9/32	1/4	15/64	7/32	13/64	13/64	3/16	11/64	11/64	11/64	11/64	11/64	11/64
27	37/64	13/32	21/64	9/32	1/4	15/64	7/32	13/64	13/64	3/16	11/64	11/64	11/64	11/64	11/64	11/64
28	19/32	27/64	11/32	19/64	17/64	15/64	7/32	13/64	13/64	3/16	11/64	11/64	11/64	11/64	11/64	11/64
29	39/64	27/64	11/32	19/64	17/64	15/64	7/32	13/64	13/64	3/16	11/64	11/64	11/64	11/64	11/64	11/64
30	39/64	7/16	23/64	19/64	17/64	15/64	7/32	13/64	13/64	3/16	11/64	11/64	11/64	11/64	11/64	11/64
31	5/8	7/16	23/64	19/64	17/64	15/64	7/32	13/64	13/64	3/16	11/64	11/64	11/64	11/64	11/64	11/64
32	41/64	29/64	23/64	5/16	9/32	1/4	15/64	7/32	13/64	13/64	3/16	11/64	11/64	11/64	11/64	11/64
33	41/64	29/64	3/8	5/16	9/32	1/4	15/64	7/32	13/64	13/64	3/16	11/64	11/64	11/64	11/64	11/64
34	21/32	15/32	3/8	21/64	19/64	17/64	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64
35	43/64	15/32	3/8	21/64	19/64	17/64	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64
36	43/64	15/32	25/64	21/64	19/64	17/64	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64
37	11/16	31/64	25/64	11/32	19/64	9/32	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64
38	11/16	31/64	25/64	11/32	19/64	9/32	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64
39	45/64	1/2	13/32	11/32	5/16	9/32	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64
40	23/32	1/2	13/32	23/64	5/16	9/32	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64
41	23/32	33/64	13/32	23/64	5/16	19/64	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64
42	47/64	33/64	27/64	23/64	21/64	19/64	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64
43	47/64	33/64	27/64	23/64	21/64	19/64	1/4	15/64	7/32	13/64	13/64	13/64	13/64	13/64	13/64	13/64

2 PSI
HENRY
GIFFORD
CHART

M

H.G. FORD

H.G.

H.G.

MUSIC @ 3E

H.G.

DIVR TUBE 2

6-9-34
FM: FIZZ
FLICKERS @ COMCAST.NET

Jamie Hall
3-27-14

11/2 OZ CO"
11602 DIFF

AUDRA

MUSIC @ 3E

DIVR M TUBE 2

Orifice Sizing for Radiators EDR 1-200 with System Pressures 1-32 oz.
(using Napier Formula for steam flow through an orifice)

Pressure (OZ.)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
EDR (Sq Ft)	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice
44	3/4	17/32	27/64	3/8	21/64	19/64	9/32	17/64	1/4	15/64	7/32	13/64	13/64	3/16	3/16	3/16
45	3/4	17/32	7/16	3/8	21/64	19/64	9/32	17/64	1/4	15/64	7/32	7/32	13/64	13/64	3/16	3/16
46	49/64	17/32	7/16	3/8	11/32	5/16	9/32	17/64	1/4	15/64	7/32	7/32	13/64	13/64	3/16	3/16
47	25/32	35/64	7/16	25/64	11/32	5/16	9/32	17/64	1/4	15/64	15/64	7/32	13/64	13/64	3/16	3/16
48	25/32	35/64	29/64	25/64	11/32	5/16	19/64	17/64	1/4	15/64	15/64	7/32	13/64	13/64	3/16	3/16
49	51/64	9/16	29/64	25/64	11/32	5/16	19/64	9/32	17/64	1/4	15/64	7/32	13/64	13/64	3/16	3/16
50	51/64	9/16	29/64	25/64	23/64	21/64	19/64	9/32	17/64	1/4	15/64	7/32	13/64	13/64	3/16	3/16
51	13/16	9/16	15/32	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	7/32	13/64	13/64	3/16	3/16
52	13/16	37/64	15/32	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	7/32	13/64	13/64	3/16	3/16
53	53/64	37/64	15/32	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	7/32	13/64	13/64	3/16	3/16
54	53/64	37/64	15/32	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	7/32	13/64	13/64	3/16	3/16
55	27/32	19/32	31/64	27/64	3/8	11/32	5/16	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
56	27/32	19/32	31/64	27/64	3/8	11/32	5/16	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
57	55/64	19/32	31/64	27/64	3/8	11/32	5/16	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
58	55/64	39/64	1/2	27/64	3/8	11/32	5/16	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
59	7/8	39/64	1/2	27/64	3/8	11/32	5/16	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
60	7/8	39/64	1/2	27/64	25/64	11/32	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
61	7/8	5/8	1/2	27/64	25/64	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
62	57/64	5/8	33/64	7/16	25/64	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
63	57/64	5/8	33/64	7/16	25/64	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
64	29/32	41/64	33/64	29/64	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
65	29/32	41/64	33/64	29/64	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
66	59/64	41/64	17/32	29/64	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
67	59/64	21/32	17/32	29/64	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
68	15/16	21/32	17/32	15/32	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
69	15/16	21/32	17/32	15/32	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
70	61/64	43/64	35/64	15/32	13/32	23/64	21/64	19/64	9/32	17/64	1/4	15/64	15/64	7/32	7/32	13/64
71	61/64	43/64	35/64	15/32	27/64	25/64	23/64	21/64	19/64	9/32	17/64	17/64	15/64	15/64	7/32	7/32
72	61/64	43/64	35/64	15/32	27/64	25/64	23/64	21/64	19/64	9/32	17/64	17/64	15/64	15/64	7/32	7/32
73	31/32	11/16	35/64	31/64	27/64	25/64	23/64	21/64	19/64	9/32	17/64	17/64	15/64	15/64	7/32	7/32
74	31/32	11/16	9/16	31/64	7/16	25/64	23/64	21/64	19/64	9/32	17/64	17/64	15/64	15/64	7/32	7/32
75	63/64	11/16	9/16	31/64	7/16	25/64	23/64	21/64	19/64	9/32	17/64	17/64	15/64	15/64	7/32	7/32
76	63/64	11/16	9/16	31/64	7/16	25/64	23/64	21/64	19/64	9/32	17/64	17/64	15/64	15/64	7/32	7/32
77	64/64	45/64	9/16	1/2	7/16	13/32	3/8	11/32	21/64	5/16	19/64	9/32	17/64	17/64	15/64	15/64
78	64/64	45/64	37/64	1/2	7/16	13/32	3/8	11/32	21/64	5/16	19/64	9/32	17/64	17/64	15/64	15/64
79	64/64	45/64	37/64	1/2	29/64	13/32	3/8	11/32	21/64	5/16	19/64	9/32	17/64	17/64	15/64	15/64
80	1 1/64	23/32	37/64	1/2	29/64	13/32	3/8	23/64	21/64	5/16	19/64	9/32	17/64	17/64	15/64	15/64
81	1 1/64	23/32	37/64	1/2	29/64	13/32	3/8	23/64	21/64	5/16	19/64	9/32	17/64	17/64	15/64	15/64
82	1 1/32	23/32	19/32	33/64	29/64	13/32	3/8	23/64	11/32	5/16	19/64	9/32	17/64	17/64	15/64	15/64
83	1 1/32	47/64	19/32	33/64	29/64	27/64	25/64	23/64	11/32	21/64	5/16	19/64	19/64	17/64	17/64	15/64
84	1 1/32	47/64	19/32	33/64	29/64	27/64	25/64	23/64	11/32	21/64	5/16	19/64	19/64	17/64	17/64	15/64
85	1 3/64	47/64	19/32	33/64	15/32	27/64	25/64	23/64	11/32	21/64	5/16	19/64	19/64	17/64	17/64	15/64
86	1 3/64	47/64	39/64	33/64	15/32	27/64	25/64	23/64	11/32	21/64	5/16	19/64	19/64	17/64	17/64	15/64

BACK ROOM

MHS BD AM

KIT

MUSIC @ SEAR

DIV RM COL 2

LIV RM @ 3.25

Baby RM
LIV RM @ 3.5

100%

$\frac{19}{64} = \frac{10}{32} = \frac{5}{16}$
 $\frac{18}{64} = \frac{9}{32}$

MHS BD AM

MUSIC @ SEAR

DIV RM COL 2

LIV RM @ 3.25

Baby RM
LIV RM @ 3.5

Orifice Sizing for Radiators EDR 1-200 with System Pressures 1-32 oz.
(using Napier Formula for steam flow through an orifice)

Pressure (OZ.)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
EDR (Sq Ft)	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice
87	1 1/16	3/4	39/64	17/32	15/32	27/64	25/64	3/8	11/32	21/64	5/16	19/64	9/32	9/32	17/64	17/64
88	1 1/16	3/4	39/64	17/32	15/32	27/64	25/64	3/8	11/32	21/64	5/16	19/64	9/32	9/32	17/64	17/64
89	1 1/16	3/4	39/64	17/32	15/32	7/16	13/32	3/8	11/32	21/64	5/16	19/64	9/32	9/32	17/64	17/64
90	1 5/64	3/4	39/64	17/32	15/32	7/16	13/32	3/8	23/64	21/64	5/16	19/64	9/32	9/32	17/64	17/64
91	1 5/64	49/64	5/8	17/32	31/64	7/16	13/32	3/8	23/64	11/32	5/16	5/16	19/64	9/32	17/64	17/64
92	1 5/64	49/64	5/8	17/32	31/64	7/16	13/32	3/8	23/64	11/32	21/64	5/16	19/64	9/32	9/32	17/64
93	1 3/32	49/64	5/8	35/64	31/64	7/16	13/32	3/8	23/64	11/32	21/64	5/16	19/64	9/32	9/32	17/64
94	1 3/32	25/32	5/8	35/64	31/64	7/16	13/32	25/64	23/64	11/32	21/64	5/16	19/64	9/32	9/32	17/64
95	1 7/64	25/32	41/64	35/64	31/64	29/64	13/32	25/64	23/64	11/32	21/64	5/16	19/64	9/32	9/32	17/64
96	1 7/64	25/32	41/64	35/64	31/64	29/64	27/64	25/64	23/64	11/32	21/64	5/16	19/64	9/32	9/32	17/64
97	1 7/64	25/32	41/64	35/64	1/2	29/64	27/64	25/64	23/64	11/32	21/64	5/16	19/64	9/32	9/32	17/64
98	1 1/8	51/64	41/64	9/16	1/2	29/64	27/64	25/64	3/8	11/32	21/64	5/16	5/16	19/64	9/32	9/32
99	1 1/8	51/64	41/64	9/16	1/2	29/64	27/64	25/64	3/8	11/32	21/64	5/16	5/16	19/64	9/32	9/32
100	1 1/8	51/64	21/32	9/16	1/2	29/64	27/64	25/64	3/8	23/64	21/64	21/64	5/16	19/64	9/32	9/32
101	1 9/64	51/64	21/32	9/16	1/2	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16	19/64	9/32	9/32
102	1 9/64	13/16	21/32	9/16	1/2	15/32	27/64	13/32	3/8	23/64	11/32	21/64	5/16	19/64	9/32	9/32
103	1 5/32	13/16	21/32	37/64	33/64	15/32	27/64	13/32	3/8	23/64	11/32	21/64	5/16	19/64	9/32	9/32
104	1 5/32	13/16	21/32	37/64	33/64	15/32	7/16	13/32	3/8	23/64	11/32	21/64	5/16	19/64	9/32	9/32
105	1 5/32	13/16	43/64	37/64	33/64	15/32	7/16	13/32	3/8	23/64	11/32	21/64	5/16	19/64	9/32	9/32
106	1 11/64	53/64	43/64	37/64	33/64	15/32	7/16	13/32	25/64	23/64	11/32	21/64	5/16	5/16	19/64	9/32
107	1 11/64	53/64	43/64	37/64	33/64	15/32	7/16	13/32	25/64	23/64	11/32	21/64	5/16	5/16	19/64	9/32
108	1 11/64	53/64	43/64	37/64	33/64	15/32	7/16	13/32	25/64	23/64	11/32	21/64	5/16	5/16	19/64	9/32
109	1 3/16	53/64	43/64	19/32	17/32	31/64	7/16	13/32	25/64	3/8	11/32	21/64	21/64	5/16	19/64	9/32
110	1 3/16	27/32	11/16	19/32	17/32	31/64	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16	19/64	9/32
111	1 3/16	27/32	11/16	19/32	17/32	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16	19/64	9/32
112	1 13/64	27/32	11/16	19/32	17/32	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16	19/64	9/32
113	1 13/64	27/32	11/16	19/32	17/32	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16	19/64	9/32
114	1 13/64	55/64	11/16	19/32	17/32	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16	19/64	9/32
115	1 7/32	55/64	45/64	39/64	17/32	31/64	29/64	27/64	13/32	3/8	23/64	11/32	21/64	5/16	19/64	9/32
116	1 7/32	55/64	45/64	39/64	35/64	1/2	29/64	27/64	13/32	3/8	23/64	11/32	21/64	5/16	19/64	9/32
117	1 7/32	55/64	45/64	39/64	35/64	1/2	29/64	27/64	13/32	3/8	23/64	11/32	21/64	5/16	19/64	9/32
118	1 15/64	7/8	45/64	39/64	35/64	1/2	29/64	7/16	13/32	25/64	23/64	11/32	21/64	5/16	19/64	9/32
119	1 15/64	7/8	45/64	39/64	35/64	1/2	15/32	7/16	13/32	25/64	23/64	11/32	11/32	21/64	5/16	19/64
120	1 15/64	7/8	23/32	39/64	35/64	1/2	15/32	7/16	13/32	25/64	3/8	23/64	11/32	21/64	5/16	19/64
121	1 1/4	7/8	23/32	5/8	35/64	1/2	15/32	7/16	13/32	25/64	3/8	23/64	11/32	21/64	5/16	5/16
122	1 1/4	7/8	23/32	5/8	9/16	1/2	15/32	7/16	13/32	25/64	3/8	23/64	11/32	21/64	5/16	5/16
123	1 1/4	57/64	23/32	5/8	9/16	1/2	33/64	7/16	13/32	25/64	3/8	23/64	11/32	21/64	5/16	5/16
124	1 17/64	57/64	23/32	5/8	9/16	33/64	15/32	7/16	13/32	25/64	3/8	23/64	11/32	21/64	5/16	5/16
125	1 17/64	57/64	47/64	5/8	9/16	33/64	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16	5/16
126	1 17/64	57/64	47/64	5/8	9/16	33/64	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16	5/16
127	1 9/32	29/32	47/64	41/64	9/16	33/64	31/64	29/64	27/64	13/32	3/8	23/64	11/32	21/64	5/16	5/16
128	1 9/32	29/32	47/64	41/64	9/16	33/64	31/64	29/64	27/64	13/32	3/8	23/64	11/32	21/64	5/16	5/16
129	1 9/32	29/32	47/64	41/64	37/64	33/64	31/64	29/64	27/64	13/32	3/8	23/64	11/32	11/32	21/64	5/16

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T.M.A.
133

Orifice Sizing for Radiators EDR 1-200 with System Pressures 1-32 oz.
(using Napier Formula for steam flow through an orifice)

EDR (Sq Ft)	2		4		6		8		10		12		14		16		18		20		22		24		26		28		30		32	
	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	
130	1 19/64	29/32	3/4	41/64	37/64	33/64	31/64	29/64	27/64	27/64	13/32	25/64	3/8	23/64	11/32	21/64	5/16															
131	1 19/64	59/64	3/4	41/64	37/64	17/32	31/64	29/64	27/64	27/64	13/32	25/64	3/8	23/64	11/32	21/64	5/16															
132	1 19/64	59/64	3/4	41/64	37/64	17/32	31/64	29/64	27/64	27/64	13/32	25/64	3/8	23/64	11/32	21/64	5/16															
133	1 5/16	59/64	3/4	21/32	37/64	17/32	31/64	29/64	27/64	27/64	13/32	25/64	3/8	23/64	11/32	21/64	5/16															
134	1 5/16	59/64	3/4	21/32	37/64	17/32	31/64	29/64	27/64	27/64	13/32	25/64	3/8	23/64	11/32	21/64	5/16															
135	1 5/16	59/64	3/4	21/32	37/64	17/32	1/2	29/64	7/16	13/32	25/64	3/8	23/64	11/32	21/64	5/16																
136	1 21/64	15/16	49/64	21/32	19/32	17/32	1/2	15/32	7/16	13/32	25/64	3/8	23/64	11/32	21/64	5/16																
137	1 21/64	15/16	49/64	21/32	19/32	17/32	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
138	1 21/64	15/16	49/64	21/32	19/32	17/32	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
139	1 11/32	15/16	49/64	43/64	19/32	35/64	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
140	1 11/32	61/64	49/64	43/64	19/32	35/64	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
141	1 11/32	61/64	25/32	43/64	19/32	35/64	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
142	1 11/32	61/64	25/32	43/64	19/32	35/64	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
143	1 23/64	61/64	25/32	43/64	39/64	35/64	1/2	15/32	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
144	1 23/64	61/64	25/32	43/64	39/64	35/64	1/2	15/32	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
145	1 23/64	31/32	25/32	43/64	39/64	35/64	1/2	15/32	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
146	1 3/8	31/32	25/32	11/16	39/64	9/16	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
147	1 3/8	31/32	25/32	11/16	39/64	9/16	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
148	1 3/8	31/32	25/32	11/16	39/64	9/16	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
149	1 25/64	31/32	51/64	11/16	39/64	9/16	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
150	1 25/64	63/64	51/64	11/16	39/64	9/16	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
151	1 25/64	63/64	51/64	11/16	5/8	9/16	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
152	1 25/64	63/64	51/64	11/16	5/8	9/16	17/32	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16																
153	1 13/32	63/64	13/16	45/64	5/8	9/16	17/32	31/64	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
154	1 13/32	64/64	13/16	45/64	5/8	9/16	17/32	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
155	1 13/32	64/64	13/16	45/64	5/8	37/64	17/32	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
156	1 27/64	64/64	13/16	45/64	5/8	37/64	17/32	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
157	1 27/64	64/64	13/16	45/64	5/8	37/64	17/32	1/2	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
158	1 27/64	64/64	13/16	45/64	41/64	37/64	17/32	1/2	15/32	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
159	1 7/16	1 1/64	53/64	23/32	41/64	37/64	17/32	1/2	15/32	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
160	1 7/16	1 1/64	53/64	23/32	41/64	37/64	17/32	1/2	15/32	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
161	1 7/16	1 1/64	53/64	23/32	41/64	37/64	17/32	1/2	15/32	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
162	1 7/16	1 1/64	53/64	23/32	41/64	37/64	35/64	1/2	15/32	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
163	1 29/64	1 1/64	53/64	23/32	41/64	19/32	35/64	1/2	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
164	1 29/64	1 1/32	53/64	23/32	41/64	19/32	35/64	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
165	1 29/64	1 1/32	27/32	27/32	47/64	19/32	35/64	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
166	1 15/32	1 1/32	27/32	27/32	47/64	19/32	35/64	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
167	1 15/32	1 1/32	27/32	27/32	47/64	19/32	35/64	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
168	1 15/32	1 1/32	27/32	27/32	47/64	19/32	35/64	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
169	1 15/32	1 3/64	27/32	27/32	47/64	19/32	35/64	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
170	1 31/64	1 3/64	27/32	27/32	47/64	19/32	35/64	33/64	31/64	29/64	27/64	25/64	3/8	23/64	11/32	21/64	5/16															
171	1 31/64	1 3/64	55/64	47/64	21/32	19/32	19/32	9/16	33/64	31/64	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16													
172	1 31/64	1 3/64	55/64	47/64	21/32	39/64	9/16	33/64	31/64	15/32	7/16	27/64	25/64	3/8	23/64	11/32	21/64	5/16														

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Orifice Sizing for Radiators EDR 1-200 with System Pressures 1-32 oz.
(using Napier Formula for steam flow through an orifice)

Pressure (OZ.)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
EDR (Sq Ft)	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice
173	1 31/64	1 3/64	55/64	47/64	21/32	39/64	9/16	33/64	31/64	15/32	7/16	27/64	13/32	25/64	3/8	23/64
174	1 1/2	1 1/16	55/64	3/4	43/64	39/64	9/16	17/32	1/2	15/32	29/64	27/64	13/32	25/64	3/8	3/8
175	1 1/2	1 1/16	55/64	3/4	43/64	39/64	9/16	17/32	1/2	15/32	29/64	27/64	13/32	25/64	3/8	3/8
176	1 1/2	1 1/16	55/64	3/4	43/64	39/64	9/16	17/32	1/2	15/32	29/64	27/64	13/32	25/64	3/8	3/8
177	1 33/64	1 1/16	7/8	3/4	43/64	39/64	9/16	17/32	1/2	15/32	29/64	7/16	13/32	25/64	25/64	3/8
178	1 33/64	1 1/16	7/8	3/4	43/64	39/64	9/16	17/32	1/2	15/32	29/64	7/16	13/32	13/32	25/64	3/8
179	1 33/64	1 5/64	7/8	3/4	43/64	39/64	9/16	17/32	1/2	15/32	29/64	7/16	27/64	13/32	25/64	3/8
180	1 33/64	1 5/64	7/8	3/4	43/64	39/64	9/16	17/32	1/2	15/32	29/64	7/16	27/64	13/32	25/64	3/8
181	1 17/32	1 5/64	7/8	49/64	43/64	5/8	37/64	17/32	1/2	31/64	29/64	7/16	27/64	13/32	25/64	3/8
182	1 17/32	1 5/64	7/8	49/64	11/16	5/8	37/64	17/32	1/2	31/64	29/64	7/16	27/64	13/32	25/64	3/8
183	1 17/32	1 5/64	7/8	49/64	11/16	5/8	37/64	17/32	1/2	31/64	29/64	7/16	27/64	13/32	25/64	3/8
184	1 17/32	1 5/64	57/64	49/64	11/16	5/8	37/64	17/32	1/2	31/64	29/64	7/16	27/64	13/32	25/64	3/8
185	1 35/64	1 3/32	57/64	49/64	11/16	5/8	37/64	35/64	33/64	31/64	29/64	7/16	27/64	13/32	25/64	3/8
186	1 35/64	1 3/32	57/64	49/64	11/16	5/8	37/64	35/64	33/64	31/64	15/32	7/16	27/64	13/32	25/64	3/8
187	1 35/64	1 3/32	57/64	49/64	11/16	5/8	37/64	35/64	33/64	31/64	15/32	7/16	27/64	13/32	25/64	3/8
188	1 9/16	1 3/32	57/64	25/32	11/16	5/8	37/64	35/64	33/64	31/64	15/32	7/16	27/64	13/32	25/64	25/64
189	1 9/16	1 3/32	57/64	25/32	11/16	5/8	37/64	35/64	33/64	31/64	15/32	7/16	27/64	13/32	25/64	25/64
190	1 9/16	1 7/64	29/32	25/32	11/16	41/64	19/32	35/64	33/64	31/64	15/32	29/64	27/64	13/32	25/64	25/64
191	1 9/16	1 7/64	29/32	25/32	45/64	41/64	19/32	35/64	33/64	31/64	15/32	29/64	27/64	13/32	25/64	25/64
192	1 37/64	1 7/64	29/32	25/32	45/64	41/64	19/32	35/64	33/64	31/64	15/32	29/64	27/64	13/32	25/64	25/64
193	1 37/64	1 7/64	29/32	25/32	45/64	41/64	19/32	35/64	33/64	1/2	15/32	29/64	7/16	27/64	13/32	25/64
194	1 37/64	1 7/64	29/32	25/32	45/64	41/64	19/32	35/64	33/64	1/2	15/32	29/64	7/16	27/64	13/32	25/64
195	1 37/64	1 1/8	29/32	25/32	45/64	41/64	19/32	35/64	33/64	1/2	15/32	29/64	7/16	27/64	13/32	25/64
196	1 19/32	1 1/8	29/32	51/64	45/64	41/64	19/32	9/16	17/32	1/2	15/32	29/64	7/16	27/64	13/32	25/64
197	1 19/32	1 1/8	59/64	51/64	45/64	41/64	19/32	9/16	17/32	1/2	15/32	29/64	7/16	27/64	13/32	25/64
198	1 19/32	1 1/8	59/64	51/64	45/64	41/64	19/32	9/16	17/32	1/2	15/32	29/64	7/16	27/64	13/32	25/64
199	1 19/32	1 1/8	59/64	51/64	23/32	21/32	19/32	9/16	17/32	1/2	31/64	29/64	7/16	27/64	13/32	25/64
200	1 39/64	1 1/8	59/64	51/64	23/32	21/32	39/64	9/16	17/32	1/2	31/64	29/64	7/16	27/64	13/32	25/64