

Steam Flow Through Orifices Discharging to Atmosphere

ORIFICE DIA DECIMAL	ORIFICE DIA FRACTION	STEAM LOSS, LB/HR, WHEN GAUGE PRESSURE IS:													
		2	5	10	15	20	25	30	35	40	50	60	75	90	100
0.031	1/32	0.39	0.46	0.58	0.69	0.81	0.92	1.04	1.16	1.27	1.51	1.74	2.09	2.44	2.67
0.0625	1/16	1.58	1.87	2.34	2.81	3.29	3.76	4.23	4.71	5.18	6.13	7.07	8.49	9.91	10.86
0.0781	5/64	2.47	2.91	3.65	4.39	5.13	5.87	6.61	7.35	8.09	9.57	11.04	13.26	15.48	16.96
0.0937	3/32	3.55	4.19	5.26	6.32	7.38	8.45	9.51	10.58	11.64	13.77	15.90	19.09	22.28	24.47
0.109	7/64	4.81	5.67	7.11	8.55	9.99	11.43	12.87	14.31	15.75	18.63	21.51	25.83	30.15	33.00
0.125	1/8	6.33	7.46	9.36	11.25	13.14	15.04	16.93	18.82	20.72	24.51	28.29	33.97	39.66	43.47
0.156	5/32	9.85	11.62	14.57	17.52	20.47	23.42	26.37	29.32	32.27	38.17	44.07	52.91	61.76	67.66
0.1718	11/64	11.95	14.09	17.67	21.25	24.83	28.40	31.98	35.56	39.14	46.29	53.44	64.18	74.91	82.06
0.1875	3/16	14.23	16.79	21.05	25.31	29.57	33.83	38.09	42.35	46.61	55.14	63.66	76.44	89.22	97.71
0.2031	13/64	16.70	19.70	24.70	29.70	34.70	39.70	44.70	49.69	54.69	64.69	74.69	89.69	104.69	114.69
0.2187	7/32	19.36	22.84	28.64	34.43	40.23	46.03	51.82	57.62	63.42	75.01	86.61	104.00	121.39	132.69
0.2343	15/64	22.22	26.21	32.87	39.52	46.17	52.83	59.48	66.14	72.79	86.10	99.40	119.36	139.32	152.69
0.25	1/4	25.30	29.85	37.42	45.00	52.57	60.15	67.72	75.30	82.87	98.02	113.17	135.90	158.62	173.69
0.2812	9/32	32.01	37.76	47.34	56.93	66.51	76.09	85.68	95.26	104.85	124.01	143.18	171.93	200.68	219.69
0.3437	11/32	47.82	56.41	70.73	85.04	99.36	113.68	128.00	142.31	156.63	185.27	213.90	256.85	299.80	328.69
0.375	3/8	56.93	67.15	84.20	101.24	118.28	135.33	152.37	169.41	186.46	220.55	254.63	305.76	356.90	390.69
0.4062	13/32	66.79	78.79	98.79	118.79	138.78	158.78	178.78	198.78	218.78	258.77	298.77	358.76	418.75	458.69
0.4375	7/16	77.48	91.40	114.60	137.80	161.00	184.20	207.39	230.59	253.79	300.19	346.58	416.18	485.78	532.69
0.4687	15/32	88.93	104.90	131.50	158.15	184.78	211.40	238.03	264.65	291.28	344.53	397.78	477.66	557.53	610.69
0.5	1/2	101.20	119.38	149.68	179.98	210.28	240.58	270.88	301.18	331.48	392.08	452.68	543.58	634.48	695.69

