

**Table: Orifice Steam Loss rates in P.P.H.
(Lbs Per Hour)**

Orifice Diameter (inches)	Steam Pressure (PSIG)												
	2	5	10	15	25	50	75	100	125	150	200	250	300
1/32"	0.31	0.49	0.7	0.85	1.14	1.86	2.58	3.3	4.02	4.74	6.17	7.61	4.05
1/16"	1.25	1.97	2.8	3.4	4.6	7.4	10.3	13.2	16.1	18.9	24.7	30.4	36.2
3/32"	2.81	4.44	6.3	7.7	10.3	16.7	15.4	29.7	36.2	42.6	55.6	68.5	81.5
1/8"	4.5	7.9	11.2	13.7	18.3	29.8	41.3	52.8	64.3	75.8	99.0	122.0	145.0
5/32"	7.8	12.3	17.4	21.3	28.5	46.5	64.5	82.5	100.0	118.0	154.0	190.0	226.0
3/16"	11.2	17.7	25.1	30.7	41.1	67.0	93.0	119.0	145.0	170.0	222.0	274.0	326.0
7/32"	15.3	24.2	34.2	41.9	55.9	91.2	126.0	162.0	197.6	232.6	303.0	373.0	443.0
1/4"	20.0	31.6	44.6	54.7	73.1	119.0	165.0	211.8	257.0	303.0	395.0	487.0	579.0
9/32"	25.2	39.9	56.5	69.2	92.5	151.0	209.0	267.0	325.0	384.0	500.0	617.0	733.0
5/16"	31.2	49.3	69.7	85.4	114.0	186.0	258.0	330.0	402.0	474.0	617.0	761.0	905.0
11/32"	37.7	59.6	84.4	103.0	138.0	225.0	312.0	399.0	486.0	573.0	747.0	921.0	1095.0
3/8"	44.9	71.0	100.0	123.0	164.0	268.0	371.0	475.0	578.0	682.0	889.0	1096.0	1303.0
13/32"	52.7	83.3	118.0	144.0	193.0	314.0	436.0	557.0	679.0	800.0	1043.0	1286.0	1529.0
7/16"	61.1	96.6	137.0	167.0	224.0	365.0	506.0	647.0	787.0	928.0	1210.0	1492.0	1774.0
15/32"	70.2	111.0	157.0	192.0	257.0	419.0	580.0	742.0	904.0	1065.0	1389.0	1713.0	2037.0
1/2"	79.8	126.0	179.0	219.0	292.0	476.0	660.0	844.0	1028.0	1212.0	1580.0	1949.0	2317.0

MEPCO
3695 44th Street SW, Grand Rapids, MI 49512
Phone 616-971-3420, Fax 616-971-3421