

Steam Line Condensation Load (Insulated Pipe)

Pressure (bar)	Nominal Pipe Size (mm)											
	50	65	80	100	125	150	200	250	300	350	400	450
1	11	17	22.5	32	43	56.5	87	120	160	188	246	310
	9	11	14	17	20.5	26	32	40	46	50	56	62
2	12.5	20	26	38	50	65	98	140	184	216	284	358
	11	12	15	19	23	27	36	44	52	56	64	70
3	14	22	28.5	41	52	72	108	158	202	240	312	394
	12.5	14.5	17	22	28	32	40.5	50	60	64.5	54.5	80.5
4	15	24	31	44.5	60	79	118	166	220	262	340	430
	14	18	19	24.5	32.5	37	45	56	67	73	84.5	91
5	16.5	26	34	48	65	84.5	127	140	238	284	370	466
	14.5	18	21	26.5	34.5	40	48.5	61	72.5	80	91	99
6	17	27	35	50	67.5	86.5	132	187	248	294	398	484
	15	19	23	28	36	42.5	52.5	65.5	80	86	100	105
7	17.5	27.5	36	51.5	70	90.5	136	194	256	302	406	500
	16.5	20.5	24.5	30	38	45	56	70	84	92	104	112
8	18	29	38	54	73.5	95	142	201.5	268	316	414	522
	17	21.5	27	32	40	48	60	74	88	98	114	122
9	19	30	40	56	76	99	148	210	278	328	432	544
	18.5	22.5	28	33	41	49	63	78	93	103	120	128
10	20	31	40.5	58.5	80	102.5	154	218	288	342	448	564
	20.5	24	29	34	43	50	66	82	98	108	124	134

Blue highlighted row is condensation rate in kg/hr over a length of 100 metres
 White rows are the warm-up load in kg (not kg/hr) over a length of 100 metres

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	50	65	80	100	125	150	200	250	300	350	400	450
12	21	33	43	61.5	84	108	162	230	304	360	472	496
	20.8	26	31.5	35.5	45	52	72	90	106	118	134	146
14	22	34.5	45	64	87	113	170	240	320	378	494	622
	22	28	34	41	51	60	78	98	116	128	146	158
16	26	37	48.5	69	93	121	183	256	344	406	530	668
	24	29.5	36.5	46	55	68	84	104	124	136	156	170
18	33	46.5	62	89.5	124	165	254	374	510	610	786	984
	27	32	39	48	60	71	88	110	132	144	164	180
20	34	52	70	102	142	194	296	440	604	724	930	1164
	29	34	41	50	62	74	92	116	138	152	172	188
25	38	58	78	112.5	156.5	214.5	328	486	666	800	1066	1284
	32.5	38	46	56.5	70	84	104	122	156	172	198	212
30	41	63	82.5	123	171	234	358	530	730	874	1142	1404
	34	42	50.5	63	78	94	108	146	174	192	216	236
40	44.5	68	91.5	134	194	254	388	574	790	946	1216	1504
	41	48	60	75	92.5	112	140.5	174.5	208	228	260	284
50	49	74.5	100	146	202	280	424	628	864	1036	1330	1668
	47	58.5	68.5	87.5	108	130	164	204	242	266	302	330
60	53	81	108.5	159	270	362	610	890	1252	1504	1920	2436
	52	78	77	100	124	147	190	238	280	310	354	400

Blue highlighted row is condensation rate in kg/hr over a length of 100 metres
 White rows are the warm-up load in kg (not kg/hr) over a length of 100 metres