



# LCI Turba-Film Evaporator Dimensions

MODEL	HEAT TRANSFER AREA FT <sup>2</sup> (M <sup>2</sup> )	HEAT TRANSFER TUBE(S) IN DIAMETER (MM)	HEAT TRANSFER TUBE(S) IN TOTAL LENGTH (MM)	NO. OF THERMAL SECTIONS	OVERALL HEIGHT FT (M)	THROAT AREA FT <sup>2</sup> (M <sup>2</sup> )	WEIGHT EMPTY POUNDS (KGS)	MOTOR HP (KW)	FEED	VAPOR	BOTTOM	STEAM	CONDENSATE
04-020	1.7 (.16)	4" (102)	20" (508)	1	4.7' (1.43)	0.06 (.006)	175 (80)	3 (2.2)	½	4	1½	1½	1½
08-032	5.1 (.48)	8" (203)	32" (813)	1	6.9' (2.10)	0.27 (.025)	1050 (475)	5 (3)	1	6	2	1½	1
12-048	11.8 (1.1)	12" (305)	48" (1220)	1	7.8' (2.38)	0.60 (.055)	1900 (860)	7.5 (5.5)	1	6	2	1½	1
12-066	16.1 (1.5)	12" (305)	66" (1676)	1	9.3' (2.84)	0.60 (.055)	2100 (950)	10 (7.5)	1	8	2	1½	1
18-072	26 (2.4)	18" (457)	72" (1829)	1	11.6' (3.54)	1.6 (.149)	3600 (1630)	10 (7.5)	2	12	3	2	1½
18-096	36 (3.3)	18" (457)	96" (2438)	1	13.5' (4.12)	1.6 (.149)	4000 (1820)	15 (11)	2	12	3	2	1½
24-100	50 (4.6)	24" (610)	100" (2540)	1	15.0' (4.57)	2.5 (.232)	5900 (2680)	20 (15)	2	12	4	2	1½
26-120	63 (5.9)	26" (660)	120" (3048)	2	18.5' (5.64)	2.8 (.260)	9700 (4400)	25 (18.5)	2	14	6	2	1½
24-144	71 (6.6)	24" (610)	144" (3658)	2	19.0' (5.79)	2.5 (.232)	10200 (4630)	25 (18.5)	2	14	4	2	1½
30-144	87 (8.1)	30" (762)	144" (3658)	2	20.6' (6.28)	4.0 (.372)	11700 (5300)	30 (22)	2	16	6	2	1½
36-144	106 (9.8)	36" (914)	144" (3658)	2	21.0' (6.40)	5.5 (.511)	13200 (6000)	30 (22)	2*	20	6	2	2
36-180	128 (11.9)	36" (914)	180" (4572)	2	24.0' (7.32)	5.5 (.511)	14300 (6490)	40 (30)	2*	20	6	2	2
36-216	158 (14.7)	36" (914)	216" (5486)	3	27.0' (8.23)	5.5 (.511)	17100 (7750)	40 (30)	2*	20	6	2	2
42-216	185 (17.2)	42" (1067)	216" (5486)	3	27.5' (8.38)	7.3 (.678)	20400 (9250)	50 (37)	3*	24	8	2	2
42-288	243 (22.6)	42" (1067)	288" (7315)	4	33.6' (10.24)	7.3 (.678)	29000 (13200)	60 (45)	3*	24	8	2	2
48-288	278 (25.8)	48" (1220)	288" (7315)	4	33.6' (10.24)	9.6 (.892)	31300 (14200)	60 (45)	3*	24	8	2	2

