

60 Hz, 40° C., 200V, 230V, 460V or 575V

TTXL Model	Fan Power		WBT °F (°C)	55 (12.8)	65 (18.3)	70 (21.1)	75 (23.9)	78 (25.6)	80 (26.7)	90 (32.2)
	No. of Fans	Total Power HP	HWT °F (°C)	75 (23.9)	85 (29.4)	87 (30.6)	92 (33.3)	95 (35.0)	97 (36.1)	112 (44.4)
			CWT °F (°C)	65 (18.3)	75 (23.9)	77 (25.0)	82 (27.8)	85 (29.4)	87 (30.6)	97 (36.1)
			Cooling Capacity at Indicated Operating Conditions							
i11930	1	3		149 (33.8)	196 (44.5)	164 (37.3)	190 (43.1)	206 (46.7)	217 (49.4)	231 (52.4)
i11950	1	5		178 (40.3)	228 (51.8)	193 (43.8)	221 (50.1)	239 (54.3)	252 (57.2)	266 (60.5)
i11975	1	7.5		200 (45.4)	256 (58.1)	216 (49.1)	247 (56.0)	266 (60.5)	280 (63.7)	295 (67.1)
i21930	2	6		290 (66.0)	385 (87.3)	321 (72.8)	372 (84.4)	404 (91.7)	426 (96.8)	453 (102.8)
i21950	2	10		348 (79.0)	448 (101.7)	378 (85.9)	433 (98.3)	469 (106.5)	494 (112.2)	523 (118.7)
i21975	2	15		391 (88.9)	501 (113.7)	424 (96.4)	484 (109.9)	523 (118.8)	551 (125.1)	580 (131.8)
i31930	3	9		422 (95.8)	566 (128.5)	466 (105.7)	546 (124.0)	595 (135.1)	629 (142.9)	670 (152.1)
i31950	3	15		505 (114.8)	662 (150.3)	557 (126.5)	639 (145.2)	694 (157.5)	732 (166.3)	777 (176.4)
i31975	3	22.5		577 (130.9)	742 (168.5)	627 (142.4)	717 (162.9)	777 (176.5)	819 (186.0)	866 (196.7)
i41930	4	12		553 (125.6)	744 (168.9)	610 (138.6)	716 (162.6)	786 (178.4)	831 (188.7)	886 (201.1)
i41950	4	20		663 (150.5)	875 (198.6)	731 (166.0)	845 (191.9)	918 (208.4)	969 (220.1)	1030 (234.0)
i41975	4	30		760 (172.7)	983 (223.2)	829 (188.2)	950 (215.6)	1030 (233.8)	1086 (246.7)	1150 (261.2)
i51930	5	15		684 (155.3)	921 (209.2)	755 (171.5)	886 (201.1)	975 (221.3)	1033 (234.5)	1102 (250.3)
i51950	5	25		819 (186.1)	1087 (246.9)	905 (205.5)	1051 (238.7)	1142 (259.4)	1207 (274.1)	1283 (291.4)
i51975	5	37.5		940 (213.5)	1223 (277.7)	1030 (233.9)	1181 (268.3)	1282 (291.0)	1353 (307.2)	1435 (325.9)
i61930	6	18		816 (185.2)	1097 (249.1)	900 (204.4)	1056 (239.9)	1163 (264.1)	1235 (280.6)	1318 (299.3)
i61950	6	30		977 (221.9)	1299 (295.1)	1078 (244.9)	1256 (285.3)	1366 (310.1)	1444 (327.8)	1535 (348.7)
i61975	6	45		1120 (254.4)	1463 (332.2)	1232 (279.8)	1414 (321.1)	1533 (348.2)	1619 (367.7)	1719 (390.3)
041930	4	12		577 (130.9)	768 (174.4)	637 (144.6)	742 (168.6)	815 (185.0)	867 (196.9)	938 (213.0)
041950	4	20		690 (156.6)	918 (208.5)	761 (172.9)	888 (201.6)	973 (221.0)	1035 (235.1)	1120 (254.3)
041975	4	30		791 (179.7)	1052 (238.8)	873 (198.2)	1017 (230.9)	1114 (253.1)	1185 (269.1)	1240 (281.6)
061930	6	18		837 (190.0)	1114 (253.1)	924 (209.8)	1078 (244.7)	1182 (268.5)	1258 (285.6)	1361 (309.1)
061950	6	30		1001 (227.4)	1331 (302.3)	1104 (250.8)	1288 (292.4)	1411 (320.5)	1501 (341.0)	1624 (368.8)
061975	6	45		1147 (260.6)	1525 (346.2)	1265 (287.4)	1474 (334.8)	1616 (367.0)	1718 (390.2)	1858 (421.9)
081930	8	24		1097 (249.1)	1461 (331.7)	1211 (275.1)	1412 (320.8)	1550 (352.0)	1648 (374.4)	1784 (405.1)
081950	8	40		1312 (297.9)	1744 (396.1)	1448 (328.9)	1688 (383.4)	1852 (420.5)	1969 (447.1)	2129 (483.6)
081975	8	60		1503 (341.4)	1997 (453.5)	1658 (376.6)	1932 (438.7)	2118 (480.9)	2251 (511.2)	2434 (552.8)
101930	10	30		1357 (308.2)	1807 (410.4)	1499 (340.3)	1747 (396.8)	1917 (435.4)	2039 (463.1)	2207 (501.1)
101950	10	50		1623 (368.7)	2159 (490.4)	1791 (406.7)	2088 (474.1)	2289 (519.8)	2434 (552.8)	2633 (598.0)
101975	10	75		1859 (422.3)	2469 (560.7)	2051 (465.8)	2389 (542.4)	2618 (594.5)	2783 (632.1)	3011 (683.7)
121930	12	36		1618 (367.3)	2153 (489.1)	1785 (405.3)	2082 (472.8)	2284 (518.7)	2430 (551.9)	2629 (597.1)
121950	12	60		1935 (439.4)	2571 (584.0)	2133 (484.4)	2486 (564.6)	2726 (619.1)	2900 (658.7)	3136 (712.3)
121975	12	90		2215 (503.1)	2941 (667.9)	2443 (554.7)	2846 (646.4)	3119 (708.3)	3316 (753.1)	3585 (814.2)

60 Hz, 50° C., 230V, 380V, 460V

TTXL Model	Fan Power		Cooling Capacity at Indicated Operating Conditions	13	18	21	21	24	27	32.2	
	No. of Fans	Total Power HP		°F	(55.4)	(64.4)	(69.8)	(69.8)	(75.2)	(80.6)	(90.0)
				HWT °C	25	30	31	32	34	37	44.2
				(°F)	(77.0)	(86.0)	(87.8)	(89.6)	(93.2)	(98.6)	(111.6)
			CWT °C	19	24	25	27	28	32	36.2	
			(°F)	(66.2)	(75.2)	(77.0)	(80.6)	(82.4)	(89.6)	(97.2)	
			m³/hr (GPM)								
i11930	1	3	34.7 (153)	44.4 (196)	35.7 (157)	57.6 (253)	42.0 (185)	64.7 (285)	54.2 (239)		
i11950	1	5	41.4 (182)	51.9 (228)	42.4 (187)	66.7 (294)	49.1 (216)	70.4 (310)	62.6 (276)		
i11975	1	7.5	46.7 (206)	58.2 (256)	47.7 (210)	70.4 (310)	55.0 (242)	70.4 (310)	69.6 (306)		
i21930	2	6	67.7 (298)	87.1 (384)	69.8 (307)	112.9 (497)	82.4 (363)	127.0 (559)	106.3 (468)		
i21950	2	10	81.1 (357)	101.7 (448)	83.1 (366)	130.8 (576)	96.2 (424)	140.8 (620)	123.0 (541)		
i21975	2	15	91.4 (402)	114.0 (502)	93.5 (412)	140.8 (620)	107.9 (475)	140.8 (620)	136.7 (602)		
i31930	3	9	98.3 (433)	128.2 (564)	101.3 (446)	167.0 (735)	120.5 (531)	188.5 (830)	157.4 (693)		
i31950	3	15	118.2 (520)	150.3 (662)	121.7 (536)	194.5 (856)	141.9 (625)	211.2 (930)	182.9 (805)		
i31975	3	22.5	134.7 (593)	169.0 (744)	138.0 (608)	211.2 (930)	159.9 (704)	211.2 (930)	204.3 (899)		
i41930	4	12	129.0 (568)	168.5 (742)	132.7 (584)	220.8 (972)	158.0 (696)	249.6 (1099)	208.2 (917)		
i41950	4	20	154.9 (682)	198.6 (875)	159.5 (702)	257.7 (1135)	187.6 (826)	281.6 (1240)	242.5 (1068)		
i41975	4	30	178.0 (784)	223.9 (986)	182.4 (803)	281.6 (1240)	211.6 (932)	281.6 (1240)	271.4 (1195)		
i51930	5	15	159.5 (702)	208.5 (918)	164.4 (724)	274.7 (1209)	195.6 (861)	310.7 (1368)	259.0 (1140)		
i51950	5	25	191.6 (844)	247.0 (1087)	197.3 (869)	320.8 (1412)	233.3 (1027)	352.0 (1550)	302.3 (1331)		
i51975	5	37.5	220.6 (971)	278.6 (1227)	226.8 (998)	352.0 (1550)	263.2 (1159)	352.0 (1550)	338.7 (1491)		
i61930	6	18	190.1 (837)	248.3 (1093)	195.8 (862)	328.3 (1445)	232.9 (1025)	371.8 (1637)	309.9 (1365)		
i61950	6	30	228.5 (1006)	295.1 (1299)	235.3 (1036)	384.1 (1691)	279.1 (1229)	422.4 (1860)	361.8 (1593)		
i61975	6	45	262.8 (1157)	333.1 (1467)	270.7 (1192)	422.4 (1860)	315.1 (1387)	422.4 (1860)	405.7 (1786)		
041930	4	12	134.3 (591)	173.9 (766)	138.9 (611)	232.0 (1022)	164.1 (723)	266.5 (1173)	221.0 (973)		
041950	4	20	161.3 (710)	208.5 (918)	166.6 (733)	277.7 (1223)	196.9 (867)	281.6 (1240)	264.7 (1165)		
041975	4	30	185.4 (817)	239.5 (1054)	191.6 (844)	281.6 (1240)	226.3 (996)	281.6 (1240)	281.6 (1240)		
061930	6	18	194.9 (858)	252.5 (1112)	201.5 (887)	336.6 (1482)	238.2 (1049)	386.7 (1703)	320.8 (1412)		
061950	6	30	233.8 (1029)	302.3 (1331)	241.7 (1064)	402.5 (1772)	285.6 (1258)	422.4 (1860)	383.9 (1690)		
061975	6	45	268.9 (1184)	347.4 (1529)	277.7 (1223)	422.4 (1860)	328.1 (1444)	422.4 (1860)	422.4 (1860)		
081930	8	24	190.1 (837)	248.3 (1093)	195.8 (862)	328.3 (1445)	232.9 (1025)	371.8 (1637)	309.9 (1365)		
081950	8	40	228.5 (1006)	295.1 (1299)	235.3 (1036)	384.1 (1691)	279.1 (1229)	422.4 (1860)	361.8 (1593)		
081975	8	60	262.8 (1157)	333.1 (1467)	270.7 (1192)	422.4 (1860)	315.1 (1387)	422.4 (1860)	405.7 (1786)		
101930	10	30	255.5 (1125)	330.9 (1457)	264.1 (1163)	441.2 (1943)	312.5 (1376)	506.7 (2231)	420.4 (1851)		
101950	10	50	306.5 (1350)	396.4 (1745)	316.8 (1395)	527.3 (2322)	374.4 (1648)	563.3 (2480)	503.4 (2216)		
101975	10	75	352.4 (1552)	455.3 (2005)	363.9 (1602)	563.3 (2480)	429.8 (1892)	563.3 (2480)	563.3 (2480)		
121930	12	36	316.0 (1391)	409.1 (1801)	326.7 (1439)	545.8 (2403)	386.3 (1701)	626.7 (2759)	520.1 (2290)		
121950	12	60	379.0 (1669)	490.0 (2157)	392.0 (1726)	652.1 (2871)	463.2 (2039)	704.1 (3100)	622.5 (2741)		
121975	12	90	435.9 (1919)	562.9 (2479)	450.0 (1981)	704.1 (3100)	531.7 (2341)	704.1 (3100)	704.1 (3100)		

50 Hz, 40° C., 190V, 380V

TTXL Model	Fan Power		Cooling Capacity at Indicated Operating Conditions	13	18	21	21	24	27	32.2	
	No. of Fans	Total Power HP		°F	(55.4)	(64.4)	(69.8)	(69.8)	(75.2)	(80.6)	(90.0)
				HWT °C	25	30	31	32	34	37	44.2
				(°F)	(77.0)	(86.0)	(87.8)	(89.6)	(93.2)	(98.6)	(111.6)
			CWT °C	19	24	25	27	28	32	36.2	
			(°F)	(66.2)	(75.2)	(77.0)	(80.6)	(82.4)	(89.6)	(97.2)	
			m³/hr (GPM)								
i11930	1	3	34.7 (153)	44.4 (196)	35.7 (157)	57.6 (253)	42.0 (185)	64.7 (285)	54.2 (239)		
i11950	1	5	41.4 (182)	51.9 (228)	42.4 (187)	66.7 (294)	49.1 (216)	70.4 (310)	62.6 (276)		
i11975	1	7.5	46.7 (206)	58.2 (256)	47.7 (210)	70.4 (310)	55.0 (242)	70.4 (310)	69.6 (306)		
i21930	2	6	67.7 (298)	87.1 (384)	69.8 (307)	112.9 (497)	82.4 (363)	127.0 (559)	106.3 (468)		
i21950	2	10	81.1 (357)	101.7 (448)	83.1 (366)	130.8 (576)	96.2 (424)	140.8 (620)	123.0 (541)		
i21975	2	15	91.4 (402)	114.0 (502)	93.5 (412)	140.8 (620)	107.9 (475)	140.8 (620)	136.7 (602)		
i31930	3	9	98.3 (433)	128.2 (564)	101.3 (446)	167.0 (735)	120.5 (531)	188.5 (830)	157.4 (693)		
i31950	3	15	118.2 (520)	150.3 (662)	121.7 (536)	194.5 (856)	141.9 (625)	211.2 (930)	182.9 (805)		
i31975	3	22.5	134.7 (593)	169.0 (744)	138.0 (608)	211.2 (930)	159.9 (704)	211.2 (930)	204.3 (899)		
i41930	4	12	129.0 (568)	168.5 (742)	132.7 (584)	220.8 (972)	158.0 (696)	249.6 (1099)	208.2 (917)		
i41950	4	20	154.9 (682)	198.6 (875)	159.5 (702)	257.7 (1135)	187.6 (826)	281.6 (1240)	242.5 (1068)		
i41975	4	30	178.0 (784)	223.9 (986)	182.4 (803)	281.6 (1240)	211.6 (932)	281.6 (1240)	271.4 (1195)		
i51930	5	15	159.5 (702)	208.5 (918)	164.4 (724)	274.7 (1209)	195.6 (861)	310.7 (1368)	259.0 (1140)		
i51950	5	25	191.6 (844)	247.0 (1087)	197.3 (869)	320.8 (1412)	233.3 (1027)	352.0 (1550)	302.3 (1331)		
i51975	5	37.5	220.6 (971)	278.6 (1227)	226.8 (998)	352.0 (1550)	263.2 (1159)	352.0 (1550)	338.7 (1491)		
i61930	6	18	190.1 (837)	248.3 (1093)	195.8 (862)	328.3 (1445)	232.9 (1025)	371.8 (1637)	309.9 (1365)		
i61950	6	30	228.5 (1006)	295.1 (1299)	235.3 (1036)	384.1 (1691)	279.1 (1229)	422.4 (1860)	361.8 (1593)		
i61975	6	45	262.8 (1157)	333.1 (1467)	270.7 (1192)	422.4 (1860)	315.1 (1387)	422.4 (1860)	405.7 (1786)		
041930	4	12	134.3 (591)	173.9 (766)	138.9 (611)	232.0 (1022)	164.1 (723)	266.5 (1173)	221.0 (973)		
041950	4	20	161.3 (710)	208.5 (918)	166.6 (733)	277.7 (1223)	196.9 (867)	281.6 (1240)	264.7 (1165)		
041975	4	30	185.4 (817)	239.5 (1054)	191.6 (844)	281.6 (1240)	226.3 (996)	281.6 (1240)	281.6 (1240)		
061930	6	18	194.9 (858)	252.5 (1112)	201.5 (887)	336.6 (1482)	238.2 (1049)	386.7 (1703)	320.8 (1412)		
061950	6	30	233.8 (1029)	302.3 (1331)	241.7 (1064)	402.5 (1772)	285.6 (1258)	422.4 (1860)	383.9 (1690)		
061975	6	45	268.9 (1184)	347.4 (1529)	277.7 (1223)	422.4 (1860)	328.1 (1444)	422.4 (1860)	422.4 (1860)		
081930	8	24	190.1 (837)	248.3 (1093)	195.8 (862)	328.3 (1445)	232.9 (1025)	371.8 (1637)	309.9 (1365)		
081950	8	40	228.5 (1006)	295.1 (1299)	235.3 (1036)	384.1 (1691)	279.1 (1229)	422.4 (1860)	361.8 (1593)		
081975	8	60	262.8 (1157)	333.1 (1467)	270.7 (1192)	422.4 (1860)	315.1 (1387)	422.4 (1860)	405.7 (1786)		
101930	10	30	255.5 (1125)	330.9 (1457)	264.1 (1163)	441.2 (1943)	312.5 (1376)	506.7 (2231)	420.4 (1851)		
101950	10	50	306.5 (1350)	396.4 (1745)	316.8 (1395)	527.3 (2322)	374.4 (1648)	563.3 (2480)	503.4 (2216)		
101975	10	75	352.4 (1552)	455.3 (2005)	363.9 (1602)	563.3 (2480)	429.8 (1892)	563.3 (2480)	563.3 (2480)		
121930	12	36	316.0 (1391)	409.1 (1801)	326.7 (1439)	545.8 (2403)	386.3 (1701)	626.7 (2759)	520.1 (2290)		
121950	12	60	379.0 (1669)	490.0 (2157)	392.0 (1726)	652.1 (2871)	463.2 (2039)	704.1 (3100)	622.5 (2741)		
121975	12	90	435.9 (1919)	562.9 (2479)	450.0 (1981)	704.1 (3100)	531.7 (2341)	704.1 (3100)	704.1 (3100)		

50 Hz, 50° C., 190V, 380V

TTXL Model	Fan Power		Cooling Capacity at Indicated Operating Conditions	13	18	21	24	27	28	32.2
	No. of Fans	Total Power kW		°C	°C	°C	°C	°C	°C	°C
				(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	
				HWT °C	25	30	31	34	37	37
			(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)
			CWT °C	19	24	25	28	32	32	36.2
			(°F)	(66.2)	(75.2)	(77.0)	(82.4)	(89.6)	(89.6)	(97.2)
			m³/hr (GPM)							
i11929	1	2.9	38.3 (169)	48.3 (213)	39.4 (173)	45.7 (201)	69.9 (308)	61.6 (271)	58.6 (258)	
i11945	1	4.5	43.8 (193)	54.8 (241)	44.9 (198)	51.9 (228)	70.4 (310)	69.4 (305)	66.0 (290)	
i21929	2	5.8	74.8 (329)	94.7 (417)	77.0 (339)	89.5 (394)	137.2 (604)	120.8 (532)	115.0 (506)	
i21945	2	9.0	85.9 (378)	107.6 (474)	88.0 (387)	101.7 (448)	140.8 (620)	136.2 (600)	129.5 (570)	
i31929	3	8.7	108.5 (478)	139.6 (615)	111.7 (492)	132.1 (581)	204.1 (899)	179.3 (789)	170.7 (751)	
i31945	3	13.5	126.5 (557)	159.3 (701)	129.7 (571)	150.5 (663)	211.2 (930)	203.0 (894)	193.1 (850)	
i41929	4	11.6	142.3 (626)	184.5 (812)	146.6 (645)	174.2 (767)	270.7 (1192)	237.5 (1046)	226.1 (995)	
i41945	4	18.0	165.9 (730)	210.5 (927)	170.7 (752)	198.9 (876)	281.6 (1240)	269.4 (1186)	256.4 (1129)	
i51929	5	14.5	176.0 (775)	229.2 (1009)	181.3 (798)	215.6 (949)	337.5 (1486)	295.8 (1302)	281.4 (1239)	
i51945	5	22.5	205.2 (904)	261.9 (1153)	211.4 (931)	247.4 (1089)	352.0 (1550)	335.7 (1478)	319.5 (1407)	
i61929	6	17.4	209.6 (923)	273.8 (1205)	216.0 (951)	256.9 (1131)	403.9 (1778)	353.8 (1558)	336.7 (1482)	
i61945	6	27.0	244.6 (1077)	313.1 (1379)	251.8 (1109)	295.8 (1302)	422.4 (1860)	402.1 (1770)	382.4 (1684)	
041929	4	11.6	148.0 (652)	191.5 (843)	153.1 (674)	181.1 (797)	281.6 (1240)	254.0 (1118)	243.5 (1072)	
041945	4	18.0	172.5 (759)	223.0 (982)	178.2 (785)	210.7 (928)	281.6 (1240)	281.6 (1240)	281.6 (1240)	
061929	6	17.4	214.9 (946)	278.2 (1225)	222.1 (978)	262.6 (1156)	422.4 (1860)	368.9 (1624)	353.2 (1555)	
061945	6	27.0	249.6 (1099)	323.0 (1422)	257.7 (1135)	304.5 (1341)	422.4 (1860)	422.4 (1860)	409.1 (1801)	
081929	8	23.2	281.7 (1240)	364.5 (1605)	291.1 (1282)	344.1 (1515)	557.7 (2455)	483.4 (2128)	462.9 (2038)	
081945	8	36.0	327.0 (1440)	422.8 (1861)	337.9 (1488)	399.0 (1757)	563.3 (2480)	559.4 (2463)	536.1 (2361)	
101929	10	29.0	348.5 (1534)	450.9 (1985)	359.9 (1585)	425.8 (1875)	689.9 (3038)	597.7 (2631)	572.4 (2520)	
101945	10	45.0	404.7 (1782)	522.9 (2302)	417.9 (1840)	493.5 (2173)	704.1 (3100)	692.6 (3049)	662.7 (2918)	
121929	12	34.8	415.3 (1828)	537.0 (2364)	428.9 (1888)	507.1 (2233)	821.8 (3618)	712.4 (3136)	682.0 (3003)	
121945	12	54.0	482.1 (2123)	623.1 (2744)	498.3 (2194)	588.4 (2591)	844.9 (3720)	824.4 (3630)	790.1 (3479)	