



TRANSFORMER SCHEDULE

No.	KVA	PRIMARY VOLT	SECONDARY V.A.W	MOUNTING
1	15	480V Δ, 3Φ, 3W	208/120V, Y, 3Φ 4W	WALL
2	45	480V Δ, 3Φ, 3W	208/120V, Y, 3Φ 4W	FLOOR
3	75	480V Δ, 3Φ, 3W	208/120V, Y, 3Φ 4W	FLOOR

WIRE & CONDUIT SIZING SCHEDULE

AMPS	TAGS	WIRE SIZE (AWG/CMIL)		No. OF WIRES AND CONDUIT SIZE	
		CONDUCTION PHASE AND NEUTRAL	GROUND	1PH, 2W+G	3PH, 3W+G
15	1	14	14	3/4	3/4
20	2	12	12	3/4	3/4
30	3	10	10	3/4	3/4
40	4	8	10	3/4	3/4
50	5	6	10	3/4	1
60	6	4	10	1	1 1/2
70	7	4	8	1	1 1/2
80	8	3	8	1	1 1/2
90	9	2	8	1 1/2	1 1/2
100	10	1	8	1 1/2	2
125	11	1	6	1 1/2	2
150	12	1/0	6	1 1/2	2
175	13	2/0	6	1 1/2	2 1/2
200	14	3/0	6	2	2 1/2
225	15	4/0	4	2	2 1/2
250	16	250	4	2 1/2	3
275	17	300	4	2 1/2	3
300	18	350	4	2 1/2	3
350	19	500	3	3	4
400	20	500	3	3	4
450	21	(3)4/0	(2)2	(2)2 1/2	(2)2 1/2
500	22	(2)350	(2)2	(2)2 1/2	(2)3
600	23	(2)350	(2)1	(2)3	(2)4
700	24	(2)350	(2)1/0	(2)4	(2)4
800	25	(2)500	(2)1/0	(2)4	(2)4
1000	26	(3)400	(3)2/0	(3)3	(3)4
1100	27	(3)500	(3)3/0	(3)3	(3)4
1200	28	(4)350	(4)3/0	(4)3	(4)4
1500	29	(4)500	(4)4/0	(4)4	(4)4
1600	30	(5)400	(5)4/0	(5)4	(5)4
1800	31	(5)500	(5)250	(5)4	(5)4
2000	32	(6)400	(6)250	(6)4	(6)4
2500	33	(7)500	(7)350	(7)4	(7)4
3000	34	(8)500	(8)400	(8)4	(8)4

NOTE:
1. THE ABOVE SCHEDULE IS BASED ON 600 VOLT WIRE TYPE THHN/THHW AND EMT/RSS CONDUIT.
(2) LETTER INDICATES CONDUIT SIZE AND NUMBER OF WIRES.

