

Electrical Connections continued-

SINGLE PHASE FULL LOAD CURRENT DRAW (SIMULTANEOUS OPERATION)							
Element Wattage	120V	208V	240V	277V	380V	415V	480V
1500/1500	25.0	14.4	12.6	10.8	7.8	7.2	6.2
2000/2000	33.4	19.2	16.6	14.4	10.6	9.6	8.4
2500/2500	41.6	24	20.8	18.0	13.2	12.0	10.4
3000/3000	N/A	28.8	25.0	21.6	15.8	14.4	12.6
3500/3500	N/A	33.6	29.2	25.2	18.4	16.8	14.6
4000/4000	N/A	38.4	33.4	28.8	21.0	19.2	16.6
4500/4500	N/A	43.2	37.6	32.4	23.6	21.6	18.8
5000/5000	N/A	48.0	41.6	37.6	26.4	24.0	20.8
5500/5500	N/A	N/A	45.8	39.8	29.0	26.6	23.0
6000/6000	N/A	N/A	N/A	43.4	31.6	29.0	25.0

THREE PHASE (UNBALANCED DELTA) FULL LOAD CURRENT DRAW (NON-SIMULTANEOUS OPERATION: TERMINALS L1, L2 & L3)					
Element Wattage	208V	240V	380V	415V	480V
1500/1500	7.2	6.3	3.9	3.6	3.1
2000/2000	9.6	8.3	5.3	4.8	4.2
2500/2500	12.0	10.4	6.6	6.0	5.2
3000/3000	14.4	12.5	7.9	7.2	6.3
3500/3500	16.8	14.6	9.2	8.4	7.3
4000/4000	19.2	16.7	10.5	9.6	8.3
4500/4500	21.6	18.8	11.8	10.8	9.4
5000/5000	24.0	20.8	13.2	12.0	10.4
5500/5500	N/A	22.9	14.5	13.3	11.5
6000/6000	N/A	N/A	15.8	14.5	12.5

THREE PHASE (UNBALANCED DELTA) FULL LOAD CURRENT DRAW (SIMULTANEOUS OPERATION: TERMINAL L3 / TERMINALS L1 & L2)					
Element Wattage	208V	240V	380V	415V	480V
1500/1500	12.5/7.2	10.8/6.3	6.8/4.0	6.3/3.6	5.4/3.1
2000/2000	16.6/9.6	14.4/8.3	9.1/5.3	8.3/4.8	7.2/4.2
2500/2500	20.8/12.0	18.0/10.4	11.4/6.6	10.4/6.0	9.0/5.2
3000/3000	25.0/14.4	21.6/12.5	13.7/7.9	12.5/7.2	10.8/6.3
3500/3500	29.1/16.8	25.2/14.6	15.9/9.2	14.6/8.4	12.6/7.3
4000/4000	33.3/19.2	28.8/16.7	18.2/10.5	16.7/9.6	14.4/8.3
4500/4500	37.4/21.6	32.4/18.8	20.5/11.8	18.8/10.8	16.2/9.4
5000/5000	41.6/24.0	36.0/20.8	22.8/13.2	20.8/12.0	18.0/10.4
5500/5500	N/A	39.6/22.9	25.0/14.5	22.9/13.3	19.9/11.5
6000/6000	N/A	N/A	27.3/15.8	25.0/14.5	21.7/12.5