

Order Plans @

PANEL A2
120/208 VOLT, 3 PHASE, 4 WIRE
225 A MLO (VA 200A FUSE)

SURFACE MOUNTED, NEMA 1
REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT
PROVIDE WITH GROUND BAR

CKT	DESCRIPTION	BREAKER			LOAD	CKT	DESCRIPTION	BREAKER			LOAD	
		TRIP	POLE	VOLT				TRIP	POLE	VOLT		
1	RECEPTACLES	20	1	120	0.5	2	NIGHT LIGHTING (1)	20	1	120	0.3	1
3	RECEPTACLES	20	1	120	0.7	5	LIGHTING	20	1	120	0.7	1
5	EWIC RECEPTACLE	20	1	120	0.7	6	SPARE	20	1	120		
7	TELEPHONE RECEPTACLE	20	1	120	0.7	8	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
9	RTU-2	60	3	208	8.6	3	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
11	-----				1.3	4	SKIN	20	1	120	1.2	1
13	-----				1.0		SPARE	20	1	120		
15	RTU RECEPTACLE	20	1	120	0.2	5	SPARE	20	1	120		
17	INSTA-HOT	20	1	120	2.4	7	SPARE	20	1	120		
19	SPACE						SPACE					
21	SPACE						SPACE					
23	SPACE						SPACE					
25	SPACE						SPACE					
27	SPACE						SPACE					
29	SPACE						SPACE					
31	SPACE						SPACE					
33	SPACE						SPACE					
35	SPACE						SPACE					
37	SPACE						SPACE					
39	SPACE						SPACE					
41	SPACE						SPACE					

LOAD CODES

CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD
1. LIGHTING	2	2.6
2. HEAT	0	0.0
3. AIR CONDITIONING	9	8.6
4. MOTORS	1	1.6
5. RECEPTACLES	2	1.8
6. MISC. CONTINUOUS LOADS	0	0.0
7. MISC. NON-CONTINUOUS LOADS	4	3.8
8. KITCHEN EQUIPMENT (8 PIECES)	0	0.0
9. HOTEL ROOM LOADS	0	0.0
18.5		18.5

18.5 LESS SMALLEST OF HEATAC

18.5 TOTAL DEMAND LOAD

VOLTAGE 208

PHASE 3

51 AMPS

PANEL A5
120/208 VOLT, 3 PHASE, 4 WIRE
225 A MLO (VA 200A FUSE)

SURFACE MOUNTED, NEMA 1
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PROVIDE WITH GROUND BAR

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		TRIP	POLE	VOLT				TRIP	POLE	VOLT		
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3	RECEPTACLES	20	1	120	0.7	5	LIGHTING	20	1	120	0.7	1
5	EWIC RECEPTACLE	20	1	120	0.7	6	SPARE	20	1	120		
7	TELEPHONE RECEPTACLE	20	1	120	0.7	8	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
9	RTU-5	60	3	208	8.6	3	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
11	-----				1.3	4	SKIN	20	1	120	1.2	1
13	-----				1.0		SPARE	20	1	120		
15	RTU RECEPTACLE	20	1	120	0.2	5	SPARE	20	1	120		
17	INSTA-HOT	20	1	120	2.4	7	SPARE	20	1	120		
19	SPACE						SPACE					
21	SPACE						SPACE					
23	SPACE						SPACE					
25	SPACE						SPACE					
27	SPACE						SPACE					
29	SPACE						SPACE					
31	SPACE						SPACE					
33	SPACE						SPACE					
35	SPACE						SPACE					
37	SPACE						SPACE					
39	SPACE						SPACE					
41	SPACE						SPACE					

LOAD CODES

CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD
1. LIGHTING	2	2.6
2. HEAT	0	0.0
3. AIR CONDITIONING	9	8.6
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5. RECEPTACLES	2	1.8
6. MISC. CONTINUOUS LOADS	0	0.0
7. MISC. NON-CONTINUOUS LOADS	4	3.8
8. KITCHEN EQUIPMENT (8 PIECES)	0	0.0
9. HOTEL ROOM LOADS	0	0.0
18.5		18.5

18.5 LESS SMALLEST OF HEATAC

18.5 TOTAL DEMAND LOAD

VOLTAGE 208

PHASE 3

51 AMPS

PANEL A3
120/208 VOLT, 3 PHASE, 4 WIRE
225 A MLO (VA 200A FUSE)

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5	EWIC RECEPTACLE	20	1	120	0.7	6	SPARE	20	1	120		
7	TELEPHONE RECEPTACLE	20	1	120	0.7	8	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
9	RTU-3	60	3	208	8.6	3	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
11	-----				1.3	4	SKIN	20	1	120	1.2	1
13	-----				1.0		SPARE	20	1	120		
15	RTU RECEPTACLE	20	1	120	0.2	5	SPARE	20	1	120		
17	INSTA-HOT	20	1	120	2.4	7	SPARE	20	1	120		
19	SPACE						SPACE					
21	SPACE						SPACE					
23	SPACE						SPACE					
25	SPACE						SPACE					
27	SPACE						SPACE					
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9. HOTEL ROOM LOADS	0	0.0
18.5		18.5

18.5 LESS SMALLEST OF HEATAC

18.5 TOTAL DEMAND LOAD

VOLTAGE 208

PHASE 3

51 AMPS

PANEL A6
120/208 VOLT, 3 PHASE, 4 WIRE
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		TRIP	POLE	VOLT				TRIP	POLE	VOLT		
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3	RECEPTACLES	20	1	120	0.7	5	LIGHTING	20	1	120	0.7	1
5	EWIC RECEPTACLE	20	1	120	0.7	6	SPARE	20	1	120		
7	TELEPHONE RECEPTACLE	20	1	120	0.7	8	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
9	RTU-6	60	3	208	8.6	3	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
11	-----				1.3	4	SKIN	20	1	120	1.2	1
13	-----				1.0		SPARE	20	1	120		
15	RTU RECEPTACLE	20	1	120	0.2	5	SPARE	20	1	120		
17	INSTA-HOT	20	1	120	2.4	7	SPARE	20	1	120		
19	SPACE						SPACE					
21	SPACE						SPACE					
23	SPACE						SPACE					
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1. LIGHTING	2	2.6
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8. KITCHEN EQUIPMENT (8 PIECES)	0	0.0
9. HOTEL ROOM LOADS	0	0.0
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18.5 LESS SMALLEST OF HEATAC

18.5 TOTAL DEMAND LOAD

VOLTAGE 208

PHASE 3

51 AMPS

PANEL A4
120/208 VOLT, 3 PHASE, 4 WIRE
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PROVIDE WITH GROUND BAR

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		TRIP	POLE	VOLT				TRIP	POLE	VOLT		
1	RECEPTACLES	20	1	120	0.5	2	NIGHT LIGHTING (1)	20	1	120	0.3	1
3	RECEPTACLES	20	1	120	0.7	5	LIGHTING	20	1	120	0.7	1
5	EWIC RECEPTACLE	20	1	120	0.7	6	SPARE	20	1	120		
7	TELEPHONE RECEPTACLE	20	1	120	0.7	8	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
9	RTU-4	60	3	208	8.6	3	SHOW WINDOW RECEPTACLE	20	1	120	0.2	5
11	-----				1.3	4	SKIN	20	1	120	1.2	1
13	-----				1.0		SPARE	20	1	120		
15	RTU RECEPTACLE	20	1	120	0.2	5	SPARE	20	1	120		
17	INSTA-HOT	20	1	120	2.4	7	SPARE	20	1	120		
19	SPACE						SPACE					