

PANEL LC-24 120/208 1PH 3W 100 AMP MLO 42K AIC NEMA TYPE 1 (SURFACE) Feed Thru Lugs															
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA
1	SCU (CONDENSING UNIT ON ROOF)	40	2	25	1.00	25	2600	2	SAC	15	2	3	1.00	3	281
3	ELECTRIC RADIANT HEAT	20	1	6	1.00	6	757	4	DRYER	30	2	21	1.00	21	2184
7	INTERCOM PANEL / DETECTORS	20	1	4	1.00	4	500	8	WASHER	20	1	13	1.00	13	1501
9	LIGHTS	20	1	14	0.80	11	1345	10	FIREPLACE	20	1	4	0.50	2	250
11	WALL OVEN	30	2	21	1.00	21	2184	12	BATHROOM RECEPT	20	1	7	0.50	3	400
13	MICROWAVE	20	1	13	0.50	7	781	16	BATHROOM RECEPT	20	1	7	0.50	3	400
17	COOKTOP / VENTILATION HOOD	20	1	4	0.50	2	250	18	BEDROOM RECEPT	20	1	10	0.50	5	600
19	REFRIGERATOR	20	1	13	0.50	6	751	20	BEDROOM RECEPT	20	1	10	0.50	5	600
21	DISHWASHER	20	1	13	0.50	6	751	22	LIVING ROOM / DINING RECEPT	20	1	8	0.50	4	500
23	KITCHEN RECEPETS	20	1	7	0.50	3	400	24	LIVING ROOM / DINING RECEPT	20	1	8	0.50	4	500
25	KITCHEN RECEPETS	20	1	7	0.50	3	400	28	SPARE	20	1				0
27	SPARE	20	1			0	0	30	SPARE	20	1				0
29	SPARE	20	1			0	0	32	SPARE	20	1				0
31	SPARE	20	1			0	0	34	BLANK						0
33	BLANK					0	0	36	BLANK						0
35	BLANK					0	0	38	BLANK						0
37	BLANK					0	0	40	BLANK						0
39	BLANK					0	0	42	BLANK						0
41	BLANK					0	0								0

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor (1 - 1)
DA - Demand Amperes
DW - Demand Watts
MLO - Main Lug Only
MCB - Main Circuit Breaker

Panel Voltage: 208
Total KVA: 24.993
Tot Amps/PH: 69.37
Min. Panel Size (Demand x 1.25) - Amps: 86.72

LOCATION OF PANEL: BEDROOM

NOTE: PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12
PROVIDE GFCI RATED CIRCUIT BREAKERS FOR THE FOLLOWING CIRCUITS: #15, #19, #21, #6, 8 & #10

PANEL LC-63 120/208 1PH 3W 100 AMP MLO 42K AIC NEMA TYPE 1 (SURFACE) Feed Thru Lugs															
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA
1	SCU-A (CONDENSING UNIT ON ROOF)	40	2	28	1.00	28	2912	2	SAC-A	15	2	3	1.00	3	343
3	ELECTRIC RADIANT HEAT	20	1	11	1.00	11	1303	4	DRYER	30	2	21	1.00	21	2184
7	INTERCOM PANEL / DETECTORS	20	1	4	1.00	4	500	8	WASHER	20	1	13	1.00	13	1501
9	LIGHTS	20	1	14	0.80	11	1345	10	FIREPLACE	20	1	4	0.50	2	250
11	WALL OVEN	30	2	21	1.00	21	2184	12	BATHROOM RECEPT	20	1	7	0.50	3	400
13	MICROWAVE	20	1	13	0.50	7	781	14	BATHROOM RECEPT	20	1	7	0.50	3	400
17	COOKTOP / VENTILATION HOOD	20	1	4	0.50	2	250	16	BEDROOM RECEPT	20	1	10	0.50	5	600
19	REFRIGERATOR	20	1	13	0.50	6	751	18	BEDROOM RECEPT	20	1	10	0.50	5	600
21	DISHWASHER	20	1	13	0.50	6	751	20	BEDROOM RECEPT	20	1	10	0.50	5	600
23	KITCHEN RECEPETS	20	1	7	0.50	3	400	22	LIVING ROOM / DINING RECEPT	20	1	8	0.50	4	500
25	KITCHEN RECEPETS	20	1	7	0.50	3	400	24	BEDROOM RECEPT	20	1	10	0.50	5	600
27	SPARE	20	1			0	0	28	LIVING ROOM / DINING RECEPT	20	1	8	0.50	4	500
29	SPARE	15	2	3	1.00	3	343	30	SPARE	20	1				0
31	SCU-B (CONDENSING UNIT ON ROOF)	40	2	28	1.00	28	2912	32	SPARE	20	1				0
33	BLANK					0	0	34	BLANK						0
35	BLANK					0	0	36	BLANK						0
37	BLANK					0	0	38	BLANK						0
39	BLANK					0	0	40	BLANK						0
41	BLANK					0	0	42	BLANK						0

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor (1 - 1)
DA - Demand Amperes
DW - Demand Watts
MLO - Main Lug Only
MCB - Main Circuit Breaker

Panel Voltage: 208
Total KVA: 34.292
Tot Amps/PH: 95.18
Min. Panel Size (Demand x 1.25) - Amps: 118.98

LOCATION OF PANEL: BEDROOM

NOTE: PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12
PROVIDE GFCI RATED CIRCUIT BREAKERS FOR THE FOLLOWING CIRCUITS: #15, #19, #21, #6, 8 & #10

PANEL LC-25 120/208 1PH 3W 100 AMP MLO 42K AIC NEMA TYPE 1 (SURFACE) Feed Thru Lugs															
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA
1	SCU (CONDENSING UNIT ON ROOF)	40	2	25	1.00	25	2600	2	SAC	15	2	3	1.00	3	281
3	ELECTRIC RADIANT HEAT	20	1	5	1.00	5	612	4	DRYER	30	2	21	1.00	21	2184
7	INTERCOM PANEL / DETECTORS	20	1	4	1.00	4	500	8	WASHER	20	1	13	1.00	13	1501
9	LIGHTS	20	1	14	0.80	11	1345	10	FIREPLACE	20	1	4	0.50	2	250
11	WALL OVEN	30	2	21	1.00	21	2184	12	BATHROOM RECEPT	20	1	7	0.50	3	400
13	MICROWAVE	20	1	13	0.50	7	781	14	BATHROOM RECEPT	20	1	7	0.50	3	400
17	COOKTOP / VENTILATION HOOD	20	1	4	0.50	2	250	16	BEDROOM RECEPT	20	1	7	0.50	3	400
19	REFRIGERATOR	20	1	13	0.50	6	751	18	BEDROOM RECEPT	20	1	10	0.50	5	600
21	DISHWASHER	20	1	13	0.50	6	751	20	LIVING ROOM / DINING RECEPT	20	1	8	0.50	4	500
23	KITCHEN RECEPETS	20	1	7	0.50	3	400	22	LIVING ROOM / DINING RECEPT	20	1	8	0.50	4	500
25	KITCHEN RECEPETS	20	1	7	0.50	3	400	24	LIVING ROOM / DINING RECEPT	20	1	7	0.50	3	400
27	SPARE	20	1			0	0	28	SPARE	20	1				0
29	SPARE	20	1			0	0	30	SPARE	20	1				0
31	SPARE	20	1			0	0	32	SPARE	20	1				0
33	BLANK					0	0	34	BLANK						0
35	BLANK					0	0	36	BLANK						0
37	BLANK					0	0	38	BLANK						0
39	BLANK					0	0	40	BLANK						0
41	BLANK					0	0	42	BLANK						0

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor (1 - 1)
DA - Demand Amperes
DW - Demand Watts
MLO - Main Lug Only
MCB - Main Circuit Breaker

Panel Voltage: 208
Total KVA: 24.741
Tot Amps/PH: 68.67
Min. Panel Size (Demand x 1.25) - Amps: 85.84

LOCATION OF PANEL: LAUNDRY

NOTE: PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12
PROVIDE GFCI RATED CIRCUIT BREAKERS FOR THE FOLLOWING CIRCUITS: #15, #19, #21, #6, 8 & #10

PANEL LC-64 120/208 1PH 3W 100 AMP MLO 42K AIC NEMA TYPE 1 (SURFACE) Feed Thru Lugs															
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA
1	SCU-A (CONDENSING UNIT ON ROOF)	40	2	28	1.00	28	2912	2	SAC-A	15	2	3	1.00	3	343
3	ELECTRIC RADIANT HEAT	20	1	7	1.00	7	829	4	DRYER	30	2	21	1.00	21	2184
7	INTERCOM PANEL / DETECTORS	20	1	4	1.00	4	500	6	WASHER	20	1	13	1.00	13	1501
9	LIGHTS	20	1	14	0.80	11	1345	8	FIREPLACE	20	1	4	0.50	2	250
11	WALL OVEN	30	2	21	1.00	21	2184	10	BATHROOM RECEPT	20	1	7	0.50	3	400
13	MICROWAVE	20	1	13	0.50	7	781	12	BATHROOM RECEPT	20	1	7	0.50	3	400
17	COOKTOP / VENTILATION HOOD	20	1	4	0.50	2	250	14	BEDROOM RECEPT	20	1	10	0.50	5	600
19	REFRIGERATOR	20	1	13	0.50	6	751	16	BEDROOM RECEPT	20	1	10	0.50	5	600
21	DISHWASHER	20	1	13	0.50	6	751	18	BEDROOM RECEPT	20	1	10	0.50	5	600
23	KITCHEN RECEPETS	20	1	7	0.50	3	400	20	LIVING ROOM / DINING RECEPT	20	1	7	0.50	3	400
25	KITCHEN RECEPETS	20	1	7	0.50	3	400	22	LIVING ROOM / DINING RECEPT	20	1	10	0.50	5	600
27	SPARE	15	2	3	1.00	3	343	24	LIVING ROOM / DINING RECEPT	20	1	10	0.50	5	600
29	SPARE	20	1			0	0	26	EDC	20	2	10	1.00	10	998
31	SCU-B (CONDENSING UNIT ON ROOF)	40	2	28	1.00	28	2912	28	EDC	20	2	10	1.00	10	998
33	SPARE	20	1			0	0	30	SPARE	20	1				0
35	SPARE	20	1			0	0	32	SPARE	20	1				0
37	SPARE	20	1			0	0	34	SPARE	20	1				0
39	SPARE	20	1			0	0	36	SPARE	20	1				0
41	SPARE	20	1			0	0	38	SPARE	20	1				0
		20	1			0	0	40	SPARE	20	1				0
		20	1			0	0	42	SPARE	20	1				0

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor (1 - 1)
DA - Demand Amperes
DW - Demand Watts
MLO - Main Lug Only
MCB - Main Circuit Breaker

Panel Voltage: 208
Total KVA: 35.414
Tot Amps/PH: 98.38
Min. Panel Size (Demand x 1.25) - Amps: 122.87

LOCATION OF PANEL: BEDROOM

NOTE: PROVIDE ARC FAULT TYPE CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12
PROVIDE GFCI RATED CIRCUIT BREAKERS FOR THE FOLLOWING CIRCUITS: #15, #19, #21, #6, 8 & #10

PANEL LC-26 120/208 1PH 3W 100 AMP MLO 42K AIC NEMA TYPE 1 (SURFACE) Feed Thru Lugs															
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA
1	SCU (CONDENSING UNIT ON ROOF)	45	2	37	1.00	37	3848	2	SAC	15	2	3	1.00	3	343
3	ELECTRIC RADIANT HEAT	20	1	5	1.00	5	588	4	DRYER	30	2	21	1.00	21	2184
7	INTERCOM PANEL / DETECTORS	20	1	4	1.00	4	500	6	WASHER	20	1	13	1.00	13	1501
9	LIGHTS	20	1	9	0.80	7	865	8	FIREPLACE	20	1	4	0.50	2	250
11	WALL OVEN	30	2	21	1.00	21	2184	10	BATHROOM RECEPT	20	1	7	0.50	3	400
13	MICROWAVE	20	1	13	0.50	7	781	12	BATHROOM RECEPT	20	1	7	0.50	3	400
15	COOKTOP / VENTILATION HOOD	20	1	4	0.50	2	250	14	BEDROOM RECEPT	20	1	8	0.50	4	500
17	REFRIGERATOR	20	1	13	0.50	6	751	16	BEDROOM RECEPT	20	1	8	0.50	4	500
19	DISHWASHER	20	1	13	0.50	6	751	18	LIVING ROOM / DINING RECEPT	20	1	8	0.50	4	500
21	KITCHEN RECEPETS	20	1	7	0.50	3	400	20	LIVING ROOM / DINING RECEPT	20	1	8	0.50	4	500
23	KITCHEN RECEPETS	20	1	7	0.50	3	400	22	SPARE	20	2	5	1.00	5	499
25	SPARE	20	1			0	0	24	EDC	20	2	5	1.00	5	499