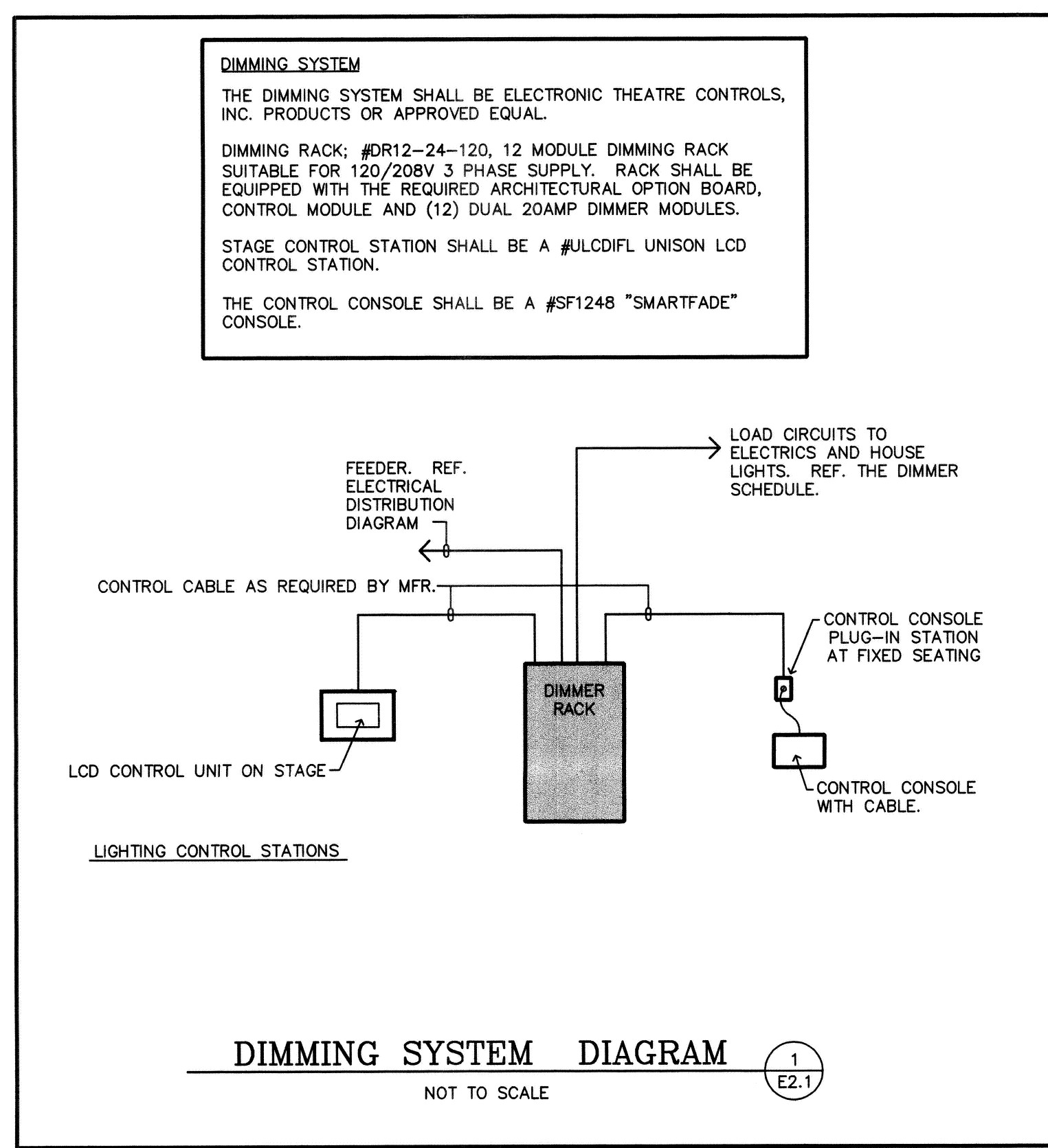


MARK	EQUIPMENT	LOAD	TYPE
MS1	SF-101	3/4 H.P. 208 V., 3ø	MAGNETIC
MS2	EF-104	1 H.P. 208 V., 3ø	MAGNETIC



#	DESCRIPTION	LOAD	WIRE SIZE
1	HOUSE LIGHTS	1000 W	#12
2	HOUSE LIGHTS	1000 W	#12
3	HOUSE LIGHTS	1000 W	#12
4	FRONT OF HOUSE ELECTRIC	750 W	#12
5	FRONT OF HOUSE ELECTRIC	750 W	#12
6	FRONT OF HOUSE ELECTRIC	750 W	#12
7	FRONT OF HOUSE ELECTRIC	750 W	#12
8	FRONT OF HOUSE ELECTRIC	750 W	#12
9	FRONT OF HOUSE ELECTRIC	750 W	#12
10	ELECTRIC #1	575W	#12
11	ELECTRIC #1	575W	#12
12	ELECTRIC #1	575W	#12
13	ELECTRIC #1	575W	#12
14	ELECTRIC #1	575W	#12
15	ELECTRIC #1	575W	#12
16	ELECTRIC #1	575W	#12
17	ELECTRIC #2	575W	#12
18	ELECTRIC #2	575W	#12
19	ELECTRIC #2	575W	#12
20	ELECTRIC #2	575W	#12
21	ELECTRIC #2	575W	#12
22	ELECTRIC #2	575W	#12
23	ELECTRIC #2	575W	#12

MARK	MANUFACTURER	CATALOG NUMBER	FINISH	MOUNTING	TYPE	LAMPS	REMARKS	APPROVED MFR'S
A	WILLIAMS	50G-524-432-FA12125-EB4-120	WHITE	LAY-IN WITH CLIPS	FLUOR.	4-F032/735		LITHONIA, METALUX, COLUMBIA
B	WILLIAMS	50G-524-332-FA12125-EB3-120	WHITE	LAY-IN WITH CLIPS	FLUOR.	3-F032/735		LITHONIA, METALUX, COLUMBIA
C	WILLIAMS	50G-524-232-FA12125-EB2-120	WHITE	LAY-IN WITH CLIPS	FLUOR.	2-F032/735		LITHONIA, METALUX, COLUMBIA
D	WILLIAMS	BLG-D24-332-W388B-EB3-120	WHITE	LAY-IN WITH CLIPS	FLUOR.	3-F032/735		LITHONIA, METALUX, COLUMBIA
E	WILLIAMS	GL-4-454TSH-WG11-EB4-208	WHITE	SURFACE ON STRUCTURE	FLUOR.	4-FP54/835/HO		LITHONIA, METALUX, COLUMBIA
F	WILLIAMS	81-4-432-WG14-EB4-120	WHITE	SURFACE ON STRUCTURE	FLUOR.	4-F032/735		LITHONIA, METALUX, COLUMBIA
G	INFINITY	AC90-200-A21F/MED-BLK-PM-120	BLACK	PENDANT	INC.	1-200A21		LITHONIA, HALO
H	INFINITY	PV60-132T-EB-GX24q-3-120	ALUM.	CEILING RECESSED	FLUOR.	1-CF320T/E/N/835		LITHONIA, HALO
J	PRESCOLITE	WB-4	WHITE		INC.	1-75A		
K	KIM	KEYLESS PORCELAIN WITH WIRE GUARD			INC.	1-75A		
L	PRESCOLITE	WB-18	ALUM.	WALL ABOVE MIRROR	INC.	2-75A		LITHONIA, HALO, HUBBELL
M	INFINITY	MHRL75-100-ED17/MED-120	WHITE	RECESSED	M.H.	1-MP-100/C/U/MED		
N	KIM	WD18D2/400MH208/DB-P/A-31	BRONZE	WALL, 24\" AFF	M.H.	BY FIXTURE MFR.		
X	DUAL LITE	SESRWE	RED LETTERS WHT. HOUSING	WALL OR CEILING PER PLAN	LED	BY FIXTURE MFR.	WITH EM. BATTERY	LITHONIA, SURELITE, CHLORIDE
X1	DUAL LITE	SEDRWE	RED LETTERS WHT. HOUSING	WALL OR CEILING PER PLAN	LED	BY FIXTURE MFR.	WITH EM. BATTERY	LITHONIA, SURELITE, CHLORIDE
X2	DUAL LITE	LTSRW	RED LETTERS WHT. HOUSING	WALL ABOVE DOOR	LED	BY FIXTURE MFR.	COMB. EM. EXIT LIGHT WITH WIRE GUARD FOR MULTI-PURPOSE EMERGENCY LIGHT. 12W LAMPS	LITHONIA, SURELITE, CHLORIDE
EM	DUAL LITE	TB-30-T-0612	WHITE	CEILING LAY-IN	HALOGEN	BY FIXTURE MFR.		LITHONIA, SURELITE, CHLORIDE
E1	DUAL LITE	LM30N-V-3-40G	WHITE	WALL 15\" AFF	INC.	BY FIXTURE MFR.	WITH WIRE GUARD	

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	20 A, 1P	#12	1200VA	POWER POLE
2	20 A, 1P	#12	1200VA	POWER POLE
3	20 A, 1P	#12	1200VA	POWER POLE
4	20 A, 1P	#12	1200VA	POWER POLE
5	20 A, 1P	#12	1200VA	POWER POLE
6	20 A, 1P	#12	1200VA	POWER POLE
7	20 A, 1P	#12	500VA	PROJECTOR
8	20 A, 1P	#12	1200VA	POWER POLE

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	40 A, 3P	#8	9.54KVA	RTU-101
2	175 A, 3P	#2/0	47.8KVA	RTU-102
3	125 A, 3P	#2	34.3KVA	RTU-103
4	50 A, 3P	#8	10.92KVA	RTU-104
5	35 A, 2P	#8	8.4KVA	RTU-105
6	35 A, 2P	#8	8.4KVA	RTU-106
7	35 A, 2P	#8	8.4KVA	RTU-107
8	35 A, 2P	#8	8.4KVA	RTU-108
9	35 A, 2P	#8	8.4KVA	RTU-109
10	60 A, 3P	#6	14.04KVA	RTU-110
11	15 A, 3P	#14	2808VA	ERU-101
12	80 A, 3P	SEE DIAGRAM	20.6KVA	PANEL LP
13	100 A, 3P	SEE DIAGRAM	27.7KVA	PANEL PP
14	60 A, 3P	SEE DIAGRAM	15.6KVA	PANEL DIM

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	20 A, 1P	#12	912VA	LIGHTING
2	20 A, 2P	#12	2400VA	LIGHTING
3	20 A, 2P	#12	2400VA	LIGHTING
4	20 A, 1P	#12	879VA	LIGHTING
5	20 A, 1P	#12	1293VA	LIGHTING
6	20 A, 1P	#12	1369VA	LIGHTING
7	20 A, 1P	#12	990VA	LIGHTING
8	20 A, 1P	#12	990VA	LIGHTING
9	20 A, 1P	#12	1210VA	LIGHTING
10	20 A, 1P	#12	998VA	LIGHTING
11	20 A, 1P	#12	260VA	EXTERIOR LIGHTING
12	20 A, 2P	#12	2748VA	EXTERIOR LIGHTING

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	20 A, 1P	#12	1210VA	LIGHTING
2	20 A, 1P	#12	1044VA	LIGHTING
3	20 A, 1P	#12	720VA	RECEPTACLES

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	20 A, 3P	#12	2.5HP	FREEZER COND. UNIT
2	20 A, 2P	#12	3.12KVA	FREEZER COIL
3	20 A, 1P	#12	1.5KVA	HEAT TAPE
4	20 A, 1P	#12	432VA	FREEZ. LIT./DOOR HTR
5	20 A, 3P	#12	1HP	COOLER COND. UNIT
6	20 A, 1P	#12	360VA	COOLER COIL
7	20 A, 1P	#12	432VA	COOLER LIGHTS
8	20 A, 3P	#12	1.5HP	40 QT MIXER
9	20 A, 3P	#12	1HP	DISPOSAL
10	20 A, 1P	#12	1020VA	REFRIGERATOR
11*	---	---	---	EXISTING SLICER
12*	---	---	11KW	EXISTING CONV. OVENS
13	20 A, 1P**	#12	1.2KVA	TILT KETTLE CONTROLS
14	25 A, 2P	#10	2.07KVA	HOT FOOD UNIT
15	25 A, 2P	#10	2.07KVA	HOT FOOD UNIT
16	20 A, 1P	#12	516VA	COLD FOOD UNIT
17	20 A, 1P	#12	600VA	MILK COOLER
18	20 A, 1P	#12	300VA	CASHER STATION
19	20 A, 3P	#12	2HP	DISPOSAL
20	70 A, 3P	#4	20.2KVA	DISHWASHER
21	100 A, 3P	#3	27KW	BOOSTER HEATER
22	20 A, 1P	#12	300VA	VENT FAN CTRL SW.
23	20 A, 3P	#12	1.5HP	DISPOSAL
24	20 A, 1P**	#12	1.92KVA	HOT PROOF CABINET
25*	---	---	---	ICE MACHINE
26	20 A, 1P	#12	720VA	RECEPTACLES
27	20 A, 1P	#12	120VA	WATER HTR CONTROL
28	20 A, 1P	#12	1500VA	FREEZER
29	20 A, 1P	#12	300VA	CASHER STATION
30	20 A, 3P	#12	3/4HP	SF-101
31	20 A, 3P	#12	1HP	EF-104
32	15 A, 1P	#14	150VA	HOOD CTRL
33	20 A, 1P	#12	1/6HP	EF-102
34	20 A, 3P	#12	1.5HP	40 QT MIXER

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	20 A, 1P	#12	900VA	RECEPTACLES
2	20 A, 1P	#12	180VA	PLATFORM FLOOR BOX
3	20 A, 1P	#12	180VA	PLATFORM FLOOR BOX
4	20 A, 1P	#12	180VA	PLATFORM FLOOR BOX
5	20 A, 1P	#12	720VA	RECEPTACLES
6	20 A, 1P	#12	1080VA	RECEPTACLES
7	20 A, 1P	#12	1260VA	RECEPTACLES
8	20 A, 1P	#12	720VA	RECEPTACLES
9	20 A, 1P	#12	720VA	RECEPTACLES
10	20 A, 2P	#12	6KW	WATER HEATER
11	20 A, 1P	#12	720VA	RECEPTACLES
12	20 A, 1P	#12	1080VA	RECEPTACLES
13	20 A, 1P	#12	720VA	RECEPTACLES
14	20 A, 1P	#12	720VA	RECEPTACLES
15	20 A, 1P	#12	720VA	RECEPTACLES
16	20 A, 1P	#12	900VA	RECEPTACLES
17	20 A, 1P	#12	1080VA	RECEPTACLES
18	20 A, 1P	#12	900VA	RECEPTACLES
19	20 A, 1P	#12	900VA	RECEPTACLES
20	20 A, 1P	#12	540VA	RECEPTACLES
21	20 A, 1P	#12	1080VA	RECEPTACLES
22	20 A, 1P	#12	720VA	RECEPTACLES
23	20 A, 1P	#12	180VA	SB CONTROL RECEPT.
24	20 A, 1P	#12	1.5KVA	SCOREBOARD RECEPT.
25	20 A, 1P	#12	1.5KVA	SCOREBOARD RECEPT.
26	20 A, 1P	#12	750VA	DRINKING FOUNTAIN
27	20 A, 1P	#12	750VA	DRINKING FOUNTAIN
28	20 A, 1P	#12	200VA	MAGNETIC HOLD-OPEN
29	20 A, 1P	#12	100W	EF-101

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	600 A, 3P	SEE DIAGRAM	209.7KVA	PANEL DP
2	100 A, 3P	SEE DIAGRAM	17.6KVA	PANEL PA
3	400 A, 3P	SEE DIAGRAM	115.6KVA	PANEL PB
4	400 A, 3P	SEE DIAGRAM	101.6KVA	PANEL KP
5	90 A, 3P	#3	15HP	ELEVATOR
6	600 A, 3P	SEE DIAGRAM	---	PANEL MDP

BRANCH CIRCUIT GROUNDING

ALL BRANCH CIRCUITS SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THE CIRCUIT CONDUCTORS. THIS MEANS ALL CONDUITS MUST HAVE A "GREEN" WIRE INSTALLED THAT IS SIZED IN ACCORDANCE WITH N.E.C. ARTICLE 250.

DUCT SMOKE DETECTORS

THE DUCT SMOKE DETECTOR SHALL BE A PHOTOELECTRIC TYPE WITH REMOTE CONTROL STATION SUITABLE FOR 120 VOLT OPERATION. THE REMOTE CONTROL STATION SHALL HAVE A RED ALARM LED, A GREEN POWER-ON LED, A PHOTOELECTRIC TONE-ALERT, A TONE-ALERT SILENCE AND A KEY SWITCH FOR SELECTING NORMAL OPERATING MODE OR TO INITIATE A TEST OR RESET OPERATION.

THE DUCT DETECTOR SHALL BE EQUAL TO SIMPLEX MODEL 4098-9687. THE REMOTE CONTROL STATION SHALL BE SIMPLEX MODEL 4098-9842.

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	20 A, 1P	#12	1540VA	LIGHTING
2	20 A, 1P	#12	947VA	LIGHTING
3	20 A, 1P	#12	1362VA	LIGHTING
4	20 A, 1P	#12	1077VA	LIGHTING
5	20 A, 1P	#12	1566VA	LIGHTING
6	20 A, 1P	#12	957VA	LIGHTING
7	20 A, 1P	#12	900VA	RECEPTACLES
8	20 A, 1P	#12	720VA	RECEPTACLES
9	20 A, 1P	#12	900VA	RECEPTACLES
10	20 A, 1P	#12	720VA	RECEPTACLES
11	20 A, 1P	#12	1080VA	RECEPTACLES
12	20 A, 1P	#12	900VA	RECEPTACLES
13	20 A, 1P	#12	255VA	PIT RECEPTACLE
14	20 A, 1P	#12	1/2HP	SUMP PUMP
15				
16	20 A, 1P	#12	250VA	ELEVATOR CAR LIGHTS
17	15 A, 1P	#14	62W	EF-103
18	15 A, 1P	#14	100W	EF-105
19	20 A, 1P	#12	720VA	RECEPTACLES
20	20 A, 1P	#12	360VA	POWER POLE

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	20 A, 1P	#12	1540VA	LIGHTING
2	20 A, 1P	#12	947VA	LIGHTING
3	20 A, 1P	#12	1362VA	LIGHTING
4	20 A, 1P	#12	1077VA	LIGHTING
5	20 A, 1P	#12	1566VA	LIGHTING
6	20 A, 1P	#12	957VA	LIGHTING
7	20 A, 1P	#12	900VA	RECEPTACLES
8	20 A, 1P	#12	720VA	RECEPTACLES
9	20 A, 1P	#12	900VA	RECEPTACLES
10	20 A, 1P	#12	720VA	RECEPTACLES
11	20 A, 1P	#12	1080VA	RECEPTACLES
12	20 A, 1P	#12	900VA	RECEPTACLES
13	20 A, 1P	#12	255VA	PIT RECEPTACLE
14	20 A, 1P	#12	1/2HP	SUMP PUMP
15				
16	20 A, 1P	#12	250VA	ELEVATOR CAR LIGHTS
17	15 A, 1P	#14	62W	EF-103
18	15 A, 1P	#14	100W	EF-105
19	20 A, 1P	#12	720VA	RECEPTACLES
20	20 A, 1P	#12	360VA	POWER POLE

CIRC. NO.	BKR. SIZE	WIRE SIZE	LOAD	REMARKS
1	60 A, 3P	#6	4.04KVA	RTU-111
2	70 A, 3P	#6	17.6KVA	RTU-112
3	110 A, 3P	#2	31.0KVA	RTU-113
4	125 A, 3P	#2	34.3KVA	RTU-114
5	60 A, 3P	#8	13.01KVA	RTU-115
6	25 A, 2P	#10	3.9KVA	AHU-101
7	15 A, 2P	#14	1.7	