

Quadro de Demanda (AL1)				
Tipo de carga	Potência instalada (kVA)	Fator de demanda (%)	Demanda (kVA)	
Uso específico	1.79	100	1.79	
Motores	12.80	45	5.76	
Bombas de Recalque	0.91	75	0.68	
Iluminação e TUG's (Clínicas e hospitais)	38.80	40	15.52	
Condicionador de Ar tipo janela (não residencial)	58.39	86	50.21	
Chuveiros, ferros elétricos, aquecedores de água (não residencial)	109.88	41.88	45.84	
	TOTAL		115.65	

Quadro de Cargas (QD1)																													
Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)				Tomadas (W)				Pot. total (VA)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status		
					6	40	100	250	100	150	600	2960	4700																
QD4		3F+N+T	B1	380 / 220 V										34552	30710	R+S+T	11140	9980	9590	1.00	0.65	70.4	16	88.0	50.0	0.94	2.24	Ok	
QD5		3F+N+T	B1	380 / 220 V										40651	37220	R+S+T	12630	12800	11790	1.00	0.54	76.0	25	117.0	50.0	0.56	1.86	Ok	
QD2		3F+N+T	B1	380 / 220 V										51152	46750	R+S+T	18800	13320	14630	1.00	0.65	76.7	16	88.0	50.0	1.66	2.96	Ok	
QD3		3F+N+T	B1	380 / 220 V										76851	67610	R+S+T	22650	18380	26580	1.00	0.50	142.8	90	175.0	80.0	0.34	1.64	Ok	
1	Iluminação	F+N+T	B1	220 V		26	2							1395	1240	R	1240			1.00	0.60	6.1	1.5	17.5	10.0	0.78	2.08	Ok	
	a					2								92	80	R	80			1.00	0.0	0.5	1.5	17.5			Ok		
	b													0	0	R				1.00	0.0	1.5	17.5			Ok			
	c					4								184	160	R	160			0.70	1.2	1.5	17.5			Ok			
	d					4								184	160	R	160			0.70	1.2	1.5	17.5			Ok			
	e					4								184	160	R	160			0.65	1.3	1.5	17.5			Ok			
	f					4								184	160	R	160			0.80	1.0	1.5	17.5			Ok			
	g					4								184	160	R	160			0.80	1.0	1.5	17.5			Ok			
	h					4	2							384	360	R	360			1.00	1.7	1.5	17.5			Ok			
2	Tomadas de uso geral	F+N+T	B1	220 V					11	1	2			2854	2450	R	2450			1.00	0.60	11.8	2.5	24.0	13.0	0.60	1.90	Ok	
3	Arc 01 - Recepção	F+N+T	B1	220 V								1		3700	2960	S		2960			1.00	1.00	16.8	2.5	24.0	20.0	1.48	2.78	Ok
4	Arc 02 - Recepção	F+N+T	B1	220 V								1		3700	2960	S		2960			1.00	1.00	16.8	2.5	24.0	20.0	1.22	2.52	Ok
5	Iluminação Externa	F+N+T	B1	220 V								8		2000	2000	R	2000			1.00	0.65	14.0	2.5	24.0	10.0	3.33	4.63	Ok	
a												8		2000	2000	R	2000			1.00	0.65	14.0	2.5	24.0				Ok	
6	Sistemas de Segurança PPCI	F+N+T	B1	220 V	25									150	150	R	150			1.00	0.54	0.6	2.5	24.0	10.0	0.05	1.35	Ok	
7	Alarme PPCI	F+N	B1	220 V										0	0	R				1.00	0.54	0.0	2.5	24.0	10.0		1.30	Ok	
8	Reserva 01	F+N	B1	220 V										0	0	R				1.00	1.00	0.0	1	14.0	10.0		1.30	Ok	
9	Reserva 02	F+N	B1	220 V										0	0	R				1.00	1.00	0.0	1	14.0	10.0		1.30	Ok	
10	Reserva 03	F+N	B1	220 V										0	0	R				1.00	1.00	0.0	1	14.0	10.0		1.30	Ok	
11	Reserva 04	F+N	B1	220 V										0	0	R				1.00	1.00	0.0	1	14.0	10.0		1.30	Ok	
12	AQ SL Triagem	F+N+T	B1	220 V								1		4700	4700	R	4700			1.00	0.60	35.6	10	57.0	25.0	0.55	1.85	Ok	
13	Rack	F+N+T	B1	220 V								1		667	667	T				1.00	1.00	3.0	2.5	24.0	10.0	0.03	1.53	Ok	
TOTAL					25	26	2	8	11	1	3	2	1	222372	199350	R+S+T	75760	60400	63190										

Quadro de Cargas (QD2)																											
Circuito	Descrição	Esquema	Método de inst.	V (V)	Iluminação (W)			Tomadas (W)					Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status
1	Iluminação	F+N+T	B1	220 V	20	40	100	150	1130	1740	2310	4700	1795	1580	T			1580	1.00	0.65	6.5	1.5	17.5	10.0	0.34	3.30	Ok
	a				7	36							184	160	T			160		1.00	0.72	1.5	17.5			Ok	
	b					4							184	160	T			160		1.00	0.80	1.0	1.5	17.5		Ok	
	c					4							184	160	T			160		1.00	0.80	1.0	1.5	17.5		Ok	
	d				1								20	20	T			20		1.00	0.1	1.5	17.5			Ok	
	e				4								184	160	T			160		1.00	0.80	1.0	1.5	17.5		Ok	
	f				1								20	20	T			20		1.00	1.00	0.1	1.5	17.5		Ok	
	g				4								184	160	T			160		1.00	0.8	1.5	17.5			Ok	
	h				1								20	20	T			20		1.00	1.00	0.1	1.5	17.5		Ok	
	i				4								184	160	T			160		1.00	0.8	1.5	17.5			Ok	
	j				1								20	20	T			20		1.00	1.00	0.1	1.5	17.5		Ok	
	k				4								184	160	T			160		1.00	0.8	1.5	17.5			Ok	
	l				4								184	160	T			160		1.00	0.80	1.0	1.5	17.5		Ok	
	m				1								20	20	T			20		1.00	0.65	1.3	1.5	17.5		Ok	
	n				1								20	20	T			20		1.00	1.00	0.1	1.5	17.5		Ok	
	o				1								20	20	T			20		1.00	0.80	0.1	1.5	17.5		Ok	
	p				1								20	20	T			20		1.00	1.00	0.1	1.5	17.5		Ok	
	q												0	0	T			20		1.00	0.0	1.5	17.5			Ok	
2	Tomadas de Uso Geral	F+N+T	B1	220 V			42	1					5382	4350	T			4350	1.00	0.65	18.8	6	41.0	25.0	0.24	3.20	Ok
3	Arc Consul. Enf. 01	F+N+T	B1	220 V					1				1412	1130	S		1130		1.00	0.80	8.0	2.5	24.0	10.0	0.25	3.21	Ok
4	Arc Consul. Enf. 02	F+N+T	B1	220 V						1			1412	1130	T			1130	1.00	0.80	8.0	2.5	24.0	10.0	0.39	3.35	Ok
5	Arc Consul. Gin. 01	F+N+T	B1	220 V						1			2175	1740	S		1740		1.00	1.00	9.9	2.5	24.0	10.0	0.36	3.32	Ok
6	Arc Consul. Gin. 02	F+N+T	B1	220 V						1			2175	1740	T			1740	1.00	0.70	14.1	2.5	24.0	10.0	0.44	3.41	Ok
7	Arc Consul. Enf. 04	F+N+T	B1	220 V							1		1412	1130	S		1130		1.00	0.80	8.0	2.5	24.0	10.0	0.31	3.27	Ok
8	Arc Consul. Enf. 03	F+N+T	B1	220 V							1		1412	1130	T			1130	1.00	0.80	8.0	2.5	24.0	10.0	0.43	3.39	Ok
9	AQ Consul. Dif. 01	F+N+T	B1	220 V							1		4700	4700	S		4700		1.00	1.00	21.4	4	32.0	25.0	0.94	3.90	Ok
10	AQ Consul. Dif. 02	F+N+T	B1	220 V							1		4700	4700	T			4700	1.00	1.00	21.4	4	32.0	25.0	0.61	3.57	Ok
11	AQ Consul. Dif. 03	F+N+T	B1	220 V									4700	4700	R	4700		1.00	1.00	21.4	4	32.0	25.0	0.60	3.56	Ok	
12	AQ Consul. Dif. 04	F+N+T	B1	220 V									4700	4700	R	4700		1.00	1.00	21.4	4	32.0	25.0	1.03	3.99	Ok	
13	AQ Consul. Dif. 05	F+N+T	B1	220 V									4700	4700	R	4700		1.00	1.00	21.4	4	32.0	25.0	0.78	3.74	Ok	
14	AQ Consul. Dif. 06	F+N+T	B1	220 V							1		4700	4700	R	4700		1.00	1.00	21.4	4	32.0	25.0	0.76	3.72	Ok	
15	Arc. 01 recepção 02	F+N+T	B1	220 V							1		2888	2310	S		2310		1.00	0.65	20.2	4	32.0	16.0	0.58	3.54	Ok
16	Arc 02 recepção 02	F+N+T	B1	220 V									2888	2310	S		2310		1.00	0.65	20.2	4	32.0	16.0	0.85	3.81	Ok
17	Reserva 01	F+N	B1	220 V									0	0	T				1.00	1.00	0.0	1	14.0	10.0		2.96	Ok
18	Reserva 02	F+N	B1	220 V									0	0	T				1.00	1.00	0.0	1	14.0	10.0		2.96	Ok
19	Reserva 03	F+N	B1	220 V									0	0	T				1.00	1.00	0.0	1	14.0	10.0		2.96	Ok
20	Reserva 04	F+N	B1	220 V									0	0	T				1.00	1.00	0.0	1	14.0	10.0		2.96	Ok
TOTAL					7	36	42	1	4	2	2	6	51152	46750	R+S+T	18800	13320	14630									