

Quadro de Demanda (AL1)			
Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Demanda (kVA)
Bombas de Recalque	1.09	75.00	0.82
Chuveiros, ferros elétricos, aquecedores de água (Não residencial)	21.00	84.00	17.64
Condicionador de ar tipo janela (Não residencial)	14.11	100.00	14.11
Iluminação e TUG's (Clínicas e hospitais)	14.21	40.00	5.68
Uso Específico	11.59	100.00	11.59
TOTAL			49.83

Quadro de Cargas (QGBT1)																								
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status				
QD1		3F+N+T	B1	380/220 V	8369	6898	R+S+T	2442	1628	2396	1.00	1.00	7.1	7.1	6	36.0	25	0.01	0.79	OK				
QD2		3F+N+T	B1	380/220 V	7236	6512	R+S+T	2442	1628	2442	1.00	1.00	12.3	12.3	6	36.0	25	0.02	0.79	OK				
QD3		3F+N+T	B1	380/220 V	24250	24031	R+S+T	8000	8031	8000	1.00	0.80	45.5	36.4	10	50.0	40	0.78	1.56	OK				
QD4		3F+N+T	B1	380/220 V	15269	13372	R+S+T	1500	7000	4872	1.00	0.70	45.5	31.8	10	50.0	32	0.62	1.40	OK				
QD5		3F+N+T	B1	380/220 V	6870	6183	R+S+T	2494	1628	2061	1.00	0.80	15.7	12.6	6	36.0	25	0.41	1.18	OK				
TOTAL						61994	56996	R+S+T	17936	19289	19771													

Quadro de Cargas (QD1)																					
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Dis (A)	dV parc (%)	dV total (%)	Status	
1	Iluminação Corredores	F+N+T	B1	220 V	1097	996	T				996	1.00	0.70	5.0	5.0	2.5	24.0				
	c				39	36	T				36	1.00	0.70	0.3	2.5	24.0				OK	
	d				39	36	T				36	1.00	0.70	0.3	2.5	24.0				OK	
	b				117	108	T				108	1.00	0.70	0.8	2.5	24.0				OK	
	a				78	72	T				72	1.00	0.70	0.5	2.5	24.0				OK	
	m				157	144	T				144	1.00	0.70	1.0	2.5	24.0				OK	
2	Iluminação	F+N+T	B1	220 V	695	642	S		642			1.00	0.65	2.7	3.2	1.5	17.5	10	0.15	0.94	OK
	i				78	72	S		72			1.00	0.65	0.5	1.5	17.5				OK	
	j				78	72	S		72			1.00	0.65	0.5	1.5	17.5				OK	
	o				39	36	S		36			1.00	0.65	0.3	1.5	17.5				OK	
	p				39	36	S		36			1.00	0.65	0.3	1.5	17.5				OK	
	q				78	72	S		72			1.00	0.65	0.5	1.5	17.5				OK	
	w				39	36	S		36			1.00	0.65	0.3	1.5	17.5				OK	
	x				78	72	S		72			1.00	0.65	0.5	1.5	17.5				OK	
	y				78	72	S		72			1.00	0.65	0.5	1.5	17.5				OK	
	z				78	72	S		72			1.00	0.65	0.5	1.5	17.5				OK	
	a1				78	72	S		72			1.00	0.65	0.5	1.5	17.5				OK	
	r2				30	30	S		30			1.00	0.65	0.2	1.5	17.5				OK	
	3	Iluminação Externa	F+N+T	D	220 V	250	200	T				200	1.00	0.80	1.4	1.1	2.5	29.0	10	0.39	1.18
q2					250	200	T				200	1.00	0.80	1.4	1.1	2.5	29.0				OK
4	Tomadas Corredores	F+N+T	B1	220 V	1000	900	T				900	1.00	0.70	5.1	4.5	2.5	24.0	10	0.29	1.07	OK
5	TOMADAS	F+N+T	B1	220 V	1569	1400	R	1400				1.00	0.65	11.0	7.1	2.5	24.0	10	0.39	1.18	OK
6	TOMADAS	F+N+T	B1	220 V	2333	2100	R	2100				1.00	0.65	16.3	10.6	4	32.0	16	0.29	1.08	OK
7	TOMADAS SANIT. PCD	F+N	B1	220 V	222	200	T				200	1.00	0.70	1.4	1.0	2.5	24.0	10	0.10	0.89	OK
8	Bombas recalque	F+N+T	B1	220 V	1091	360	S		360			1.00	0.80	6.2	5.0	2.5	24.0	10	0.53	1.32	OK
9	RACK	F+N+T	B1	220 V	111	100	T				100	1.00	0.80	0.6	0.5	2.5	24.0	20	0.04	0.83	OK
TOTAL						8369	6898	R+S+T	3500	1002	2396										

Quadro de Cargas (QD2)																						
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm²)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status		
21	AR VACINAS	F+N+T	B1	220 V	904	814	T					814	1,00	0,70	5,9	4,1	2,5	24,0	10	0,14	0,94	OK
22	AR CONSULTÓRIO 01	F+N+T	B1	220 V	904	814	T					814	1,00	0,65	6,3	4,1	2,5	24,0	10	0,27	1,07	OK
23	AR CONSULTÓRIO 02	F+N+T	B1	220 V	904	814	S		814				1,00	0,65	6,3	4,1	2,5	24,0	10	0,41	1,20	OK
24	AR INALAÇÃO	F+N+T	B1	220 V	904	814	T					814	1,00	0,70	5,9	4,1	2,5	24,0	10	0,29	1,08	OK
25	AR ACOLHIMENTO 01	F+N+T	B1	220 V	904	814	S		814				1,00	0,80	5,1	4,1	2,5	24,0	10	0,22	1,01	OK
26	AR ACOLHIMENTO 02	F+N+T	B1	220 V	904	814	R	814					1,00	0,80	5,1	4,1	2,5	24,0	10	0,26	1,05	OK
27	AR ACOLHIMENTO 03	F+N+T	B1	220 V	904	814	R	814					1,00	0,65	6,3	4,1	2,5	24,0	10	0,34	1,13	OK
28	AR CURATIVOS	F+N+T	B1	220 V	904	814	R	814					1,00	0,65	6,3	4,1	2,5	24,0	10	0,42	1,21	OK
TOTAL						7236	6512	R+S+T	2442				1628		2442							

Quadro de Cargas (QD3)																							
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status			
31	ILUMINAÇÃO	F+N+T	B1	220 V	584	531	S		531			531	1.00	0.80	1.9	2.7	1.5	17.5	10	0.22	1.78	OK	
	n				117	108	S		108			108	1.00	0.80	0.7	1.5	17.5				OK		
	b1				78	72	S		72			72	1.00	0.80	0.4	1.5	17.5				OK		
	c1				39	36	S		36			36	1.00	0.80	0.2	1.5	17.5				OK		
	d1				39	36	S		36			36	1.00	0.80	0.2	1.5	17.5				OK		
	e1				39	36	S		36			36	1.00	0.80	0.2	1.5	17.5				OK		
	f1				39	36	S		36			36	1.00	0.80	0.2	1.5	17.5				OK		
	g1				39	36	S		36			36	1.00	0.80	0.2	1.5	17.5				OK		
	h1				39	36	S		36			36	1.00	0.80	0.2	1.5	17.5				OK		
	i1				39	36	S		36			36	1.00	0.80	0.2	1.5	17.5				OK		
	u2				45	45	S		45			45	1.00	0.80	0.3	1.5	17.5				OK		
	v2				23	18	S		18			18	1.00	0.80	0.1	1.5	17.5				OK		
	w2				23	18	S		18			18	1.00	0.80	0.1	1.5	17.5				OK		
32	TOMADAS ADMINISTRAÇÃO	F+N+T	B1	220 V	444	400	T				400	1.00	0.80	2.5	2.0	2.5	24.0	10	0.11	1.67	OK		
33	TOMADAS ESTER. EXPURGO	F+N+T	B1	220 V	444	400	T				400	1.00	0.80	2.5	2.0	2.5	24.0	10	0.08	1.64	OK		
34	TOMADAS COPA	F+N+T	B1	220 V	333	300	S		300			300	1.00	0.80	1.9	1.5	2.5	24.0	10	0.08	1.64	OK	
35	TOMADAS BANHEIROS	F+N	B1	220 V	222	200	S		200			200	1.00	0.80	1.3	1.0	2.5	24.0	10	0.06	1.62	OK	
36	CHUVEIRO	F+N+T	B1	220 V	7000	7000	S		7000			7000	1.00	0.80	39.8	31.8	6	41.0	32	0.92	2.48	OK	
37	CHUVEIRO	F+N+T	B1	220 V	7000	7000	T			7000			7000	1.00	0.80	39.8	31.8	6	41.0	32	0.64	2.20	OK
38	AUTOCLAVE 1	F+N+T	B1	220 V	4000	4000	R	4000					1.00	0.80	22.7	18.2	4	32.0	20	0.58	2.14	OK	
39	AUTOCLAVE 2	F+N+T	B1	220 V	4000	4000	R	4000					1.00	0.80	22.7	18.2	4	32.0	20	0.52	2.08	OK	
310	TOMADAS CORREDOR	F+N+T	B1	220 V	222	200	T				200	1.00	1.00	1.0	1.0	2.5	24.0	10	0.01	1.57	OK		
TOTAL						24250	24031	R+S+T	8000	8031	8000												

Quadro de Cargas (QD4)																									
Circulo	Descrição	Esquema	Método de inst.	Tensão (V)	Pot. total. (VA)	Pot. total. (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	In' (A)	Ip (A)	Seção (mm2)	Ic (A)	Disj (A)	dV parc (%)	dV total (%)	Status					
41	ILUMINAÇÃO	F+N+T	B1	220 V	1059	972	T			972	1.00	0.70	3.5	4.8	2.5	24.0	10	0.10	1.50	OK					
	e				78	72	T			72	1.00	0.70	0.5	2.5	24.0					OK					
	f				78	72	T			72	1.00	0.70	0.5	2.5	24.0					OK					
	g				78	72	T			72	1.00	0.70	0.5	2.5	24.0					OK					
	h				78	72	T			72	1.00	0.70	0.5	2.5	24.0					OK					
	r				39	36	T			36	1.00	0.70	0.3	2.5	24.0					OK					
	s				78	72	T			72	1.00	0.70	0.5	2.5	24.0					OK					
	t				78	72	T			72	1.00	0.70	0.5	2.5	24.0					OK					
	u				78	72	T			72	1.00	0.70	0.5	2.5	24.0					OK					
	v				78	72	T			72	1.00	0.70	0.5	2.5	24.0					OK					
	s2				60	60	T			60	1.00	0.70	0.4	2.5	24.0					OK					
42	TOMADAS ODONTO	F+N+T	B1	220 V	806	700	T			700	1.00	0.70	5.2	3.7	2.5	24.0	10	0.29	1.68	OK					
43	TOMADAS ACS	F+N+T	B1	220 V	806	700	T			700	1.00	0.70	5.2	3.7	2.5	24.0	10	0.20	1.59	OK					
44	TOMADAS OBSERVAÇÃO	F+N+T	B1	220 V	681	600	T			600	1.00	0.70	4.4	3.1	2.5	24.0	10	0.36	1.76	OK					
45	TOMADAS ATIVIDADES	F+N+T	B1	220 V	667	600	T			600	1.00	0.70	4.3	3.0	2.5	24.0	10	0.15	1.55	OK					
46	TOMADAS ESTOCAGEM	F+N+T	B1	220 V	667	600	T			600	1.00	0.70	4.3	3.0	2.5	24.0	10	0.26	1.66	OK					
47	TOMADAS CORREDOR	F+N+T	B1	220 V	333	300	T			300	1.00	0.70	1.4	1.5	2.5	24.0	10	0.04	1.44	OK					
48	CHUVEIRO	F+N+T	B1	220 V	7000	7000	S		7000		1.00	0.70	45.5	31.8	10	57.0	32	0.99	2.49	OK					
49	COMPRESSOR	F+N+T	B1	220 V	2567	1500	R	1500			1.00	0.70	16.7	11.7	2.5	24.0	16	0.77	2.17	OK					
410	BOMBA VÁCUO	F+N+T	B1	220 V	685	400	T			400	1.00	0.70	4.4	3.1	2.5	24.0	10	0.19	1.59	OK					
TOTAL					15269	13372	R+S+T	1500	7000	4872															