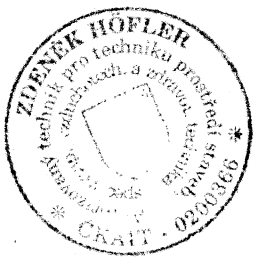
Příloha č.3

Akce: **TACHOV HORNICKÁ 1533 k.ú. TACHOV p.p.č. 1597/2**
STAVEBNÍ ÚPRAVY č.p.1533
část "VYTÁPĚNÍ"

Investor: **MĚSTO TACHOV HORNICKÁ 1695 TACHOV p.s.č. 347 01**

Čís.zak.: **1840**

VÝPOČET TEPELNÝCH ZTRÁT



1

Tachov 22.18.2018

Vypracoval: Zdeněk H ö f l e r

IČO 122 76367

Firma : 005360 Hofler - Tachov
Datum : 16.11.2018 Zakázka : DRESLER
Projektant : Hofler Stavba : VYTAPENI
Zak.çíslo : 1840 Místo : c.p.1533 HASICI TC.

B = 8 te = -15°C p2 = 0 % tib 19.1 °C varianta 1

ç.m.	úçel	çú	ti °C	M	tap °C	dB	n /h	nk /h	np /h	Vi,p m3/h	V m3/h	p1 %	p3 %
102	CHODBA	1	15	0.7	15.4		0.72	0.72	0.3	37	0	1	0
103	KANCELAR	1	20	0.5	23.5		0.39	0.39	0.3	24	0	10	0
104	ZAZEMI	1	20	0.7	21.0		0.00	0.00	0.3	7	0	3	0
105	CHODBA	1	15	0.7	14.8		0.59	0.59	0.3	27	0	0	0
106	ZASEDACKA	1	20	0.5	22.2		0.39	0.39	0.3	69	0	6	0
107	KANCELAR	1	20	0.7	23.0		0.37	0.37	0.3	17	0	8	0
108	PREDSIN	1	15	0.7	14.9		0.00	0.00	0.3	2	0	0	0
109	WC	1	15	0.7	16.8		0.81	0.81	1.0	5	0	6	0
111	CHODBA	1	15	0.7	14.9		0.00	0.00	0.3	4	0	0	0
113	PREDSIN	1	15	0.7	15.2		0.00	0.00	0.3	2	0	1	0
114	WC MUZI	1	15	0.7	16.6		0.26	0.26	1.0	17	0	5	0
115	KUCHYN	1	20	0.7	22.3		0.31	0.31	0.5	44	0	6	0
116	SKLAD	1	15	0.7	15.6		0.56	0.56	0.3	14	0	2	0
117	SKLAD	1	*										
118	SATNA	1	22	0.7	23.7		0.35	0.35	0.3	14	0	5	0
119	SKLAD	1	*										
121	SKLAD	1	*										
122	GARAZE	1	*										
123	DILNA	1	*										
124	DILNA	1	*										
125	DILNA	1	*										
201	SCHODY	1	15	0.7	15.8		0.37	0.37	0.3	16	0	3	0
202	CHODBA	1	15	0.7	14.9		1.23	1.23	0.3	41	0	0	0
203	KLUBOVNA	1	20	0.5	22.1		0.31	0.31	0.3	30	0	6	0
204	CHODBA	1	15	0.7	14.4		0.92	0.92	0.3	27	0	0	0
205	POKOJ	1	20	0.7	23.7		0.32	0.32	0.3	15	0	10	0
206	SKLAD	1	14	0.7	14.0		0.00	0.00	0.3	1	0	0	0
207	WC	1	15	0.7	15.9		0.54	0.54	1.0	8	0	3	0
208	SPRCHA	1	24	0.7	26.5		0.27	0.27	1.0	16	0	6	0
209	POKOJ	1	20	0.7	22.8		0.27	0.27	0.3	18	0	8	0
210	POKOJ	1	20	0.7	21.6		0.63	0.63	0.3	45	0	5	0
211	POKOJ	1	20	0.7	22.1		0.35	0.35	0.3	15	0	6	0
212	KANCELAR	1	20	0.7	21.7		0.55	0.55	0.3	29	0	5	0
213	LOZNICE	1	20	0.7	21.8		0.65	0.65	0.3	45	0	5	0
214	LOZNICE	1	20	0.7	22.6		0.41	0.41	0.3	15	0	7	0
215	PREDSIN	1	15	0.7	14.8		0.00	0.00	0.5	3	0	0	0
216	WC	1	15	0.7	16.1		0.48	0.48	1.0	9	0	4	0
217	SPRCHY	1	24	0.7	26.9		0.24	0.24	1.0	18	0	8	0
218	LOZNICE	1	20	0.7	23.0		0.33	0.33	0.3	15	0	9	0
219	SKLAD	1	15	0.7	15.6		0.00	0.00	0.3	4	0	2	0
220	CHODBA	1	24	0.7	24.9		0.32	0.32	0.3	14	0	2	0

ç.m.	O m3	Sp m2	Qpm W	Qzm W	Qim W	Qcm W	Qv W	Qvr W	Qcmv W
102	58.3	17.2	257	257	404	660	0	0	660
103	71.1	20.9	2694	2694	306	2999	0	0	2999
104	27.2	8.0	399	399	91	490	0	0	490
105	51.7	15.2	-137	-137	294	157	0	0	157
106	200.6	59.0	3499	3499	874	4373	0	0	4373
107	53.8	15.8	1878	1878	220	2099	0	0	2099
108	9.2	2.7	-11	-11	26	16	0	0	16
109	6.1	1.8	298	298	58	357	0	0	357
111	13.3	3.9	-28	-28	38	11	0	0	11
113	6.8	2.0	26	26	20	46	0	0	46
114	19.1	5.6	498	498	182	680	0	0	680
115	98.8	29.1	2110	2110	551	2661	0	0	2661
116	28.5	14.2	255	255	147	402	0	0	402
117									
118	43.6	12.8	958	958	181	1139	0	0	1139
119									
121									
122									
123									
124									
125									
201	49.3	14.5	449	449	173	622	0	0	622
202	37.4	11.0	-46	-46	440	394	0	0	394
203	112.4	33.1	2137	2137	384	2521	0	0	2521
204	33.3	9.8	-259	-259	294	34	0	0	34
205	51.0	15.0	2274	2274	183	2458	0	0	2458
206	3.4	1.0	-3	-3	9	7	0	0	7
207	9.2	2.7	189	189	88	277	0	0	277
208	18.4	5.4	745	745	228	973	0	0	973
209	66.2	19.5	2012	2012	221	2233	0	0	2233
210	80.2	23.6	1287	1287	563	1849	0	0	1849
211	50.1	14.8	1306	1306	196	1501	0	0	1501
212	60.2	17.7	1117	1117	367	1484	0	0	1484
213	78.2	23.0	1401	1401	563	1964	0	0	1964
214	42.5	12.5	1405	1405	196	1600	0	0	1600
215	7.5	2.2	-34	-34	36	2	0	0	
216	10.2	3.0	232	232	98	330	0	0	330
217	20.7	6.1	969	969	257	1226	0	0	1226
218	50.0	14.7	1817	1817	183	2000	0	0	2000
219	13.5	4.0	152	152	39	191	0	0	191
220	47.9	14.1	507	507	191	698	0	0	698
Σ BUD	1529.6	455.7	30352	30352	8100	38451	0	0	38451

Qcm - tepelné ztráty vçetnê p-iráæky p2
Qcmv - tepelné ztráty bez p2, vçetnê Qv nebo Qvr
Qim - je poçítáno pro vêt¿í z hodnot nk, np
Qv - neobsahuje výkon krytý rekuperací

qv = 0.72 W/K.m3 - vypoçítaná mêrná ztráta
qvmax = 0.75 W/K.m3 - max.p-ípustná mêrná ztráta
qvmax = 0.65 W/K.m3 - pri nadmo-ské vý¿ce > 600 m

Tepelná charakteristika budovy podle ÇSN 73 0540-2:1994

Firma : 005360 Hofler - Tachov
Datum : 16.11.2018 Zakázka : DRESLER
Projektant : Hofler Stavba : VYTAPENI
Zak.çíslo : 1840 Místo : c.p.1533 HASICI TC.

B = 8 te = -15°C p2 = 0 % varianta 1

ç.m.	OK	KTC	x	y	PO	k	dT	S	SO	SR	Q	tsi
102	SN2	0	3.0	3.4	-1	1.500	-5	10.2	1.6	8.6	-65	15.9
	DN1	0	0.8	2.0	1	2.300	-5	1.6	1.6	1.6	-18	16.4
	SN1	0	5.0	3.4	0	2.300	-5	17.0	0.0	17.0	-195	16.4
	SO1	0	3.0	3.4	-1	1.400	30	10.2	2.5	7.7	323	9.8
	DO1	0	1.2	2.1	1	2.400	30	2.5	2.5	2.5	181	6.0
	SN1	0	5.0	3.4	0	2.300	-5	17.0	0.0	17.0	-195	16.4
	PDL	0	4.9	3.5	0	1.300	10	17.2	0.0	17.2	223	12.8
	Qcm	=	660 W									
103	SO1	0	2.2	3.4	-1	1.400	35	7.5	1.9	5.5	271	13.9
	OZ6	0	1.5	1.3	1	1.200	35	1.9	1.9	1.9	82	14.8
	SO1	0	4.1	3.4	-1	1.400	35	13.9	4.3	9.6	471	13.9
	OZ1	0	1.8	2.4	1	1.200	35	4.3	4.3	4.3	181	14.8
	SO1	0	4.2	3.4	-1	1.400	35	14.3	4.3	10.0	488	13.9
	OZ7	0	2.4	1.8	1	0.800	35	4.3	4.3	4.3	121	16.5
	SN2	0	1.2	3.4	0	1.500	5	4.1	0.0	4.1	31	19.1
	PDL	0	5.1	4.1	0	1.300	15	20.9	0.0	20.9	408	16.7
	SCH	0	4.1	2.5	0	1.100	35	10.2	0.0	10.2	395	15.2
	Qcm	=	2999 W									
104	SN2	0	4.0	3.4	0	1.500	5	13.6	0.0	13.6	102	19.1
	SN1	0	2.0	3.4	0	2.300	5	6.8	0.0	6.8	78	18.6
	SN2	0	2.0	3.4	0	1.500	5	6.8	0.0	6.8	51	19.1
	PDL	0	2.0	4.0	0	1.300	15	8.0	0.0	8.0	156	16.7
	Qcm	=	490 W									
105	SN2	0	5.0	3.4	-1	1.500	-5	17.0	1.6	15.4	-116	15.9
	DN1	0	0.8	2.0	1	2.300	-5	1.6	1.6	1.6	-18	16.4
	SN2	0	7.6	3.4	-1	1.500	-5	25.8	1.6	24.2	-182	15.9
	DN1	0	0.8	2.0	1	2.300	-5	1.6	1.6	1.6	-18	16.4
	PDL	0	2.0	7.6	0	1.300	10	15.2	0.0	15.2	198	12.8
	Qcm	=	157 W									
106	SN2	0	10.0	3.4	-2	1.500	5	34.0	3.2	30.8	231	19.1
	DN1	0	0.8	2.0	2	2.300	5	1.6	3.2	3.2	37	18.6
	SO1	0	10.0	3.4	-4	1.400	35	34.0	12.6	21.4	1049	13.9
	OZ2	0	2.1	1.5	4	1.200	35	3.1	12.6	12.6	529	14.8
	SN1	0	5.9	3.4	0	2.300	5	20.1	0.0	20.1	231	18.6
	SO1	0	0.4	3.4	0	1.400	35	1.4	0.0	1.4	67	13.9
	PDL	0	5.9	10.0	0	1.300	15	59.0	0.0	59.0	1150	16.7
	Qcm	=	4373 W									
107	SN2	0	3.1	3.4	0	1.500	5	10.5	0.0	10.5	79	19.1
	SO1	0	5.1	3.4	0	1.400	35	17.3	0.0	17.3	850	13.9
	SO1	0	3.1	3.4	-1	1.400	35	10.5	3.1	7.4	362	13.9
	OZ2	0	2.1	1.5	1	1.200	35	3.1	3.1	3.1	132	14.8
	PDL	0	5.1	3.1	0	1.300	15	15.8	0.0	15.8	308	16.7
	Qcm	=	2099 W									
108	SN2	0	1.8	3.4	0	1.500	-5	6.1	0.0	6.1	-46	15.9
	PDL	0	1.5	1.8	0	1.300	10	2.7	0.0	2.7	35	12.8
	Qcm	=	16 W									
109	SO1	0	2.0	3.4	-1	1.400	30	6.8	0.8	6.0	252	9.8

ç.m.	OK	KTC	x	y	PO	k	dT	S	SO	SR	Q	tsi
	OZ3	0	0.9	0.9	1	1.200	30	0.8	0.8	0.8	29	10.5
	SN2	0	0.9	3.4	0	1.500	-5	3.1	0.0	3.1	-23	15.9
	PDL	0	2.0	0.9	0	1.300	10	1.8	0.0	1.8	23	12.8
	Qcm	=	357 W									
111	SN1	0	2.0	3.4	0	2.300	-5	6.8	0.0	6.8	-78	16.4
	PDL	0	3.0	1.3	0	1.300	10	3.9	0.0	3.9	51	12.8
	Qcm	=	11 W									
113	PDL	0	1.0	2.0	0	1.300	10	2.0	0.0	2.0	26	12.8
	Qcm	=	46 W									
114	SO1	0	3.3	3.4	-1	1.400	30	11.2	0.8	10.4	437	9.8
	OZ3	0	0.9	0.9	1	1.200	30	0.8	0.8	0.8	29	10.5
	SN1	0	1.7	3.4	0	2.300	-5	5.8	0.0	5.8	-66	16.4
	PDL	0	1.7	3.3	0	1.300	10	5.6	0.0	5.6	73	12.8
	Qcm	=	680 W									
115	SO1	0	5.1	3.4	-3	1.400	35	17.3	2.4	14.9	731	13.9
	OZ3	0	0.9	0.9	3	1.200	35	0.8	2.4	2.4	102	14.8
	SN1	0	5.7	3.4	0	2.300	5	19.4	0.0	19.4	223	1?.6
	SN2	0	5.1	3.4	-1	1.500	5	17.3	1.6	15.7	118	1_.1
	DN1	0	0.8	2.0	1	2.300	5	1.6	1.6	1.6	18	18.6
	SN1	0	5.7	3.4	0	2.300	5	19.4	0.0	19.4	223	18.6
	PDL	0	5.7	5.1	0	1.300	15	29.1	0.0	29.1	567	16.7
	Qcm	=	2661 W									
116	SO1	0	2.5	2.0	-1	1.400	30	5.0	1.9	3.1	128	9.8
	OZ6	0	1.5	1.3	1	1.200	30	1.9	1.9	1.9	70	10.5
	SN2	0	5.7	2.0	0	1.500	-5	11.4	0.0	11.4	-86	15.9
	SN1	0	2.1	2.0	0	2.300	-5	4.2	0.0	4.2	-48	16.4
	PDL	0	5.7	2.5	0	1.300	10	14.2	0.0	14.2	185	12.8
	Qcm	=	402 W									
117	SN1	0	2.5	3.4	0	2.300	15	8.5	0.0	8.5	293	15.7
	SN2	0	5.0	3.4	0	1.500	5	17.0	0.0	17.0	127	19.1
	SN2	0	2.5	3.4	0	1.500	5	8.5	0.0	8.5	64	19.1
	PDL	0	5.0	2.5	0	1.300	15	12.5	0.0	12.5	244	16.7
	SCH	0	5.0	2.5	0	1.100	35	12.5	0.0	12.5	481	15.2
	Qcm	=	1529 W									
118	SN1	0	2.1	3.4	0	2.300	7	7.1	0.0	7.1	115	20.0
	SN2	0	6.1	3.4	-1	1.500	16	20.7	1.6	19.1	459	1? 0
	DN1	0	0.8	2.0	1	2.300	16	1.6	1.6	1.6	59	1?.4
	PDL	0	6.1	2.1	0	1.300	17	12.8	0.0	12.8	283	18.3
	Qcm	=	1139 W									
119	SO1	0	8.0	3.4	-2	1.400	30	27.2	5.0	22.2	931	9.8
	OZ5	0	2.1	1.2	2	1.200	30	2.5	5.0	5.0	181	10.5
	SN1	0	8.0	3.4	0	2.300	0	27.2	0.0	27.2	0	15.0
	SN2	0	2.8	3.4	-1	1.500	9	9.5	2.4	7.1	96	13.3
	DN2	0	1.2	2.0	1	1.400	9	2.4	2.4	2.4	30	13.4
	PDL	0	2.8	8.0	0	1.300	10	22.4	0.0	22.4	291	12.8
	Qcm	=	1993 W									
121	SN1	0	2.8	3.4	0	2.300	-5	9.5	0.0	9.5	-109	16.4
	SN2	0	2.5	3.4	0	1.500	-5	8.5	0.0	8.5	-64	15.9
	SO1	0	2.8	3.4	-1	1.400	30	9.5	2.5	7.0	294	9.8
	OZ5	0	2.1	1.2	1	1.200	30	2.5	2.5	2.5	91	10.5
	SN2	0	2.5	3.4	0	1.500	9	8.5	0.0	8.5	115	13.3
	PDL	0	2.5	2.8	0	1.300	10	7.0	0.0	7.0	91	12.8
	Qcm	=	608 W									
122	SO1	0	20.6	5.2	-4	1.400	20	107.1	10.9	96.2	2694	1.5

ç.m.	OK	KTC	x	y	PO	k	dT	S	SO	SR	Q	tsi
	OZ11	0	2.1	1.3	4	1.200	20	2.7	10.9	10.9	262	2.0
	SN2	0	5.5	5.2	-2	1.500	-10	28.6	3.2	25.4	-381	6.9
	DN1	0	0.8	2.0	2	2.300	-10	1.6	3.2	3.2	-74	7.9
	SN2	0	6.0	5.2	0	1.500	-15	31.2	0.0	31.2	-702	7.8
	SO1	0	20.6	5.2	-4	1.400	20	107.1	57.6	49.5	1387	1.5
	DO4	0	4.0	3.6	4	1.400	20	14.4	57.6	57.6	1613	1.5
	PDL	0	12.0	20.6	0	1.300	0	247.2	0.0	247.2	0	5.0
	STR	0	12.0	20.6	0	0.800	11	247.2	0.0	247.2	2175	3.9
	Qcm	=	10115 W									
123	SO1	0	5.2	5.2	-1	1.400	30	27.0	2.7	24.3	1021	9.8
	OZ11	0	2.1	1.3	1	1.200	30	2.7	2.7	2.7	98	10.5
	SN2	0	11.5	5.2	0	1.500	10	59.8	0.0	59.8	897	13.1
	SO1	0	5.2	5.2	-1	1.400	30	27.0	14.4	12.6	531	9.8
	DO3	0	3.6	4.0	1	1.400	30	14.4	14.4	14.4	605	9.8
	PDL	0	11.5	5.2	0	1.300	10	59.8	0.0	59.8	777	12.8
	STR	0	11.5	5.2	0	0.800	21	59.8	0.0	59.8	1005	12.9
	Qcm	=	6321 W									
124	SO1	0	5.6	5.2	-1	1.400	30	29.1	14.4	14.7	618	3
	DO3	0	3.6	4.0	1	1.400	30	14.4	14.4	14.4	605	9.8
	SO1	0	5.8	5.2	-3	1.400	30	30.2	7.3	22.9	962	9.8
	OZ11	0	2.1	1.3	2	1.200	30	2.7	5.5	5.5	197	10.5
	DO2	0	0.9	2.0	1	2.400	30	1.8	1.8	1.8	130	6.0
	PDL	0	5.8	5.6	0	1.300	10	32.5	0.0	32.5	422	12.8
	STR	0	5.8	5.6	0	0.800	21	32.5	0.0	32.5	546	12.9
	Qcm	=	5576 W									
125	SO1	0	5.6	5.2	-2	1.400	30	29.1	3.9	25.2	1059	9.8
	OZ6	0	1.5	1.3	2	1.200	30	1.9	3.9	3.9	140	10.5
	SO1	0	3.2	5.2	0	1.400	30	16.6	0.0	16.6	699	9.8
	PDL	0	3.2	5.6	0	1.300	10	17.9	0.0	17.9	233	12.8
	STR	0	3.2	5.6	0	0.800	21	17.9	0.0	17.9	301	12.9
	Qcm	=	2958 W									
201	SO1	0	2.5	3.4	-1	1.400	30	8.5	2.5	6.0	251	9.8
	OZ5	0	2.1	1.2	1	1.200	30	2.5	2.5	2.5	91	10.5
	SN2	0	5.8	3.4	0	1.500	-5	19.7	0.0	19.7	-148	15.9
	STR	0	5.8	2.5	0	0.800	21	14.5	0.0	14.5	244	12.9
	Qcm	=	622 W									
202	SN2	0	2.8	3.4	-1	1.500	-5	9.5	1.6	7.9	-59	1 9
	DN1	0	0.8	2.0	1	2.300	-5	1.6	1.6	1.6	-18	16.4
	SN2	0	5.5	3.4	-2	1.500	-5	18.7	3.2	15.5	-116	15.9
	DN1	0	0.8	2.0	2	2.300	-5	1.6	3.2	3.2	-37	16.4
	STR	0	2.0	5.5	0	0.800	21	11.0	0.0	11.0	185	12.9
	Qcm	=	394 W									
203	SO1	0	5.8	3.4	-2	1.400	35	19.7	4.5	15.2	746	13.9
	OZ9	0	1.5	1.5	2	1.200	35	2.3	4.5	4.5	189	14.8
	SN1	0	2.4	3.4	0	2.300	5	8.2	0.0	8.2	94	18.6
	SN2	0	5.8	3.4	-1	1.500	5	19.7	1.6	18.1	136	19.1
	DN1	0	0.8	2.0	1	2.300	5	1.6	1.6	1.6	18	18.6
	SN2	0	5.7	3.4	0	1.500	5	19.4	0.0	19.4	145	19.1
	STR	0	5.7	5.8	0	0.800	26	33.1	0.0	33.1	688	17.4
	Qcm	=	2521 W									
204	SN2	0	5.7	3.4	-1	1.500	-5	19.4	1.6	17.8	-133	15.9
	DN1	0	0.8	2.0	1	2.300	-5	1.6	1.6	1.6	-18	16.4
	SN1	0	2.0	3.4	0	2.300	-9	6.8	0.0	6.8	-141	17.6
	SN2	0	4.9	3.4	-1	1.500	-5	16.7	1.6	15.1	-113	15.9

ç.m.	OK	KTC	x	y	PO	k	dT	S	SO	SR	Q	tsi
	DN1	0	0.8	2.0	1	2.300	-5	1.6	1.6	1.6	-18	16.4
	STR	0	2.0	4.9	0	0.800	21	9.8	0.0	9.8	165	12.9
	Qcm	=	34 W									
205	SO1	0	5.0	3.4	0	1.400	35	17.0	0.0	17.0	833	13.9
	SO1	0	3.0	3.4	-1	1.400	35	10.2	2.3	8.0	390	13.9
	OZ9	0	1.5	1.5	1	1.200	35	2.3	2.3	2.3	94	14.8
	SN1	0	5.0	3.4	0	2.300	5	17.0	0.0	17.0	195	18.6
	SN1	0	3.0	3.4	0	2.300	10	10.2	0.0	10.2	235	17.1
	STR	0	3.0	5.0	0	0.800	26	15.0	0.0	15.0	312	17.4
	Qcm	=	2458 W									
206	SO1	0	1.0	3.4	0	1.400	29	3.4	0.0	3.4	138	8.9
	SN1	0	2.0	3.4	0	2.300	-6	6.8	0.0	6.8	-94	15.7
	SN1	0	1.0	3.4	0	2.300	-6	3.4	0.0	3.4	-47	15.7
	Qcm	=	7 W									
207	SO1	0	1.0	3.4	-1	1.400	30	3.4	0.8	2.6	109	9.8
	OZ3	0	0.9	0.9	1	1.200	30	0.8	0.8	0.8	29	10.5
	STR	0	1.0	2.7	0	0.800	21	2.7	0.0	2.7	45	12.9
	Qcm	=	277 W									
208	SN2	0	1.0	3.4	0	1.500	9	3.4	0.0	3.4	46	22.3
	SO1	0	2.0	3.4	-1	1.400	39	6.8	0.8	6.0	327	17.2
	OZ3	0	0.9	0.9	1	1.200	39	0.8	0.8	0.8	38	18.1
	SN2	0	2.7	3.4	0	1.500	4	9.2	0.0	9.2	55	23.3
	SN1	0	1.5	3.4	0	2.300	9	5.1	0.0	5.1	106	21.4
	STR	0	2.0	2.7	0	0.800	30	5.4	0.0	5.4	130	21.0
	Qcm	=	973 W									
209	SN2	0	2.7	3.4	0	1.500	-4	9.2	0.0	9.2	-55	20.8
	SO1	0	5.9	3.4	0	1.400	35	20.1	0.0	20.1	983	13.9
	SO1	0	3.3	3.4	-1	1.400	35	11.2	2.6	8.7	425	13.9
	OZ10	0	1.5	1.7	1	1.200	35	2.6	2.6	2.6	107	14.8
	STR	0	5.9	3.3	0	0.800	26	19.5	0.0	19.5	405	17.4
	Qcm	=	2233 W									
210	SN2	0	4.0	3.4	-1	1.500	5	13.6	1.6	12.0	90	19.1
	DN1	0	0.8	2.0	1	2.300	5	1.6	1.6	1.6	18	18.6
	SO1	0	4.0	3.4	-2	1.400	35	13.6	5.1	8.5	417	13.9
	OZ10	0	1.5	1.7	2	1.200	35	2.6	5.1	5.1	214	14.8
	STR	0	5.9	4.0	0	0.800	26	23.6	0.0	23.6	491	17.4
	Qcm	=	1849 W									
211	SN2	0	2.5	3.4	0	1.500	5	8.5	0.0	8.5	64	19.1
	SO1	0	2.5	3.4	-1	1.400	35	8.5	2.6	5.9	292	13.9
	OZ10	0	1.5	1.7	1	1.200	35	2.6	2.6	2.6	107	14.8
	SN1	0	5.9	3.4	0	2.300	10	20.1	0.0	20.1	461	17.1
	STR	0	5.9	2.5	0	0.800	26	14.8	0.0	14.8	307	17.4
	Qcm	=	1501 W									
212	SN2	0	3.0	3.4	-1	1.500	5	10.2	1.6	8.6	65	19.1
	DN1	0	0.8	2.0	1	2.300	5	1.6	1.6	1.6	18	18.6
	SO1	0	3.0	3.4	-1	1.400	35	10.2	2.6	7.7	375	13.9
	OZ10	0	1.5	1.7	1	1.200	35	2.6	2.6	2.6	107	14.8
	SO1	0	0.8	3.4	0	1.400	35	2.7	0.0	2.7	133	13.9
	STR	0	5.9	3.0	0	0.800	26	17.7	0.0	17.7	368	17.4
	Qcm	=	1484 W									
213	SN2	0	4.6	3.4	-1	1.500	5	15.6	1.6	14.0	105	19.1
	DN1	0	0.8	2.0	1	2.300	5	1.6	1.6	1.6	18	18.6
	SO1	0	4.6	3.4	-2	1.400	35	15.6	5.1	10.5	516	13.9
	OZ10	0	1.5	1.7	2	1.200	35	2.6	5.1	5.1	214	14.8

ç.m.	OK	KTC	x	y	PO	k	dT	S	SO	SR	Q	tsi
	STR	0	5.0	4.6	0	0.800	26	23.0	0.0	23.0	478	17.4
	Qcm	=	1964 W									
214	SN2	0	2.5	3.4	0	1.500	5	8.5	0.0	8.5	64	19.1
	SO1	0	2.5	3.4	-1	1.400	35	8.5	2.6	5.9	292	13.9
	OZ10	0	1.5	1.7	1	1.200	35	2.6	2.6	2.6	107	14.8
	SO1	0	2.0	3.4	0	1.400	35	6.8	0.0	6.8	333	13.9
	SN2	0	3.3	3.4	0	1.500	15	11.2	0.0	11.2	252	17.2
	STR	0	5.0	2.5	0	0.800	26	12.5	0.0	12.5	260	17.4
	Qcm	=	1600 W									
215	SN2	0	1.1	3.4	0	1.500	-9	3.7	0.0	3.7	-50	16.7
	SN2	0	0.8	3.4	0	1.500	-5	2.7	0.0	2.7	-20	15.9
	STR	0	2.0	1.1	0	0.800	21	2.2	0.0	2.2	37	12.9
	Qcm	=	2 W									
216	SN2	0	1.5	3.4	0	1.500	-9	5.1	0.0	5.1	-69	16.7
	SN2	0	1.5	3.4	0	1.500	-5	5.1	0.0	5.1	-38	15.9
	SO1	0	2.0	3.4	-1	1.400	30	6.8	0.8	6.0	252	9.8
	OZ3	0	0.9	0.9	1	1.200	30	0.8	0.8	0.8	29	10.5
	STR	0	2.0	1.5	0	0.800	21	3.0	0.0	3.0	50	12.9
	Qcm	=	330 W									
217	SN1	0	2.9	3.4	0	2.300	4	9.9	0.0	9.9	91	22.8
	SN1	0	2.1	3.4	0	2.300	9	7.1	0.0	7.1	148	21.4
	SN2	0	2.9	3.4	0	1.500	9	9.9	0.0	9.9	133	22.3
	SO1	0	2.1	3.4	-1	1.400	39	7.1	0.8	6.3	346	17.2
	OZ3	0	0.9	0.9	1	1.200	39	0.8	0.8	0.8	38	18.1
	STR	0	2.1	2.9	0	0.800	30	6.1	0.0	6.1	146	21.0
	Qcm	=	1226 W									
218	SO1	0	4.6	3.4	-1	1.400	35	15.6	2.3	13.4	656	13.9
	OZ9	0	1.5	1.5	1	1.200	35	2.3	2.3	2.3	94	14.8
	SN2	0	3.2	3.4	0	1.500	5	10.9	0.0	10.9	82	19.1
	SO1	0	3.2	3.4	0	1.400	35	10.9	0.0	10.9	533	13.9
	STR	0	3.2	4.6	0	0.800	26	14.7	0.0	14.7	306	17.4
	Qcm	=	2000 W									
219	SN2	0	1.8	3.4	0	1.500	9	6.1	0.0	6.1	83	13.3
	STR	0	2.2	1.8	0	0.800	21	4.0	0.0	4.0	67	12.9
	Qcm	=	191 W									
220	SN1	0	2.0	3.4	0	2.300	4	6.8	0.0	6.8	63	22.8
	SN2	0	4.4	3.4	-1	1.500	4	15.0	1.6	13.4	80	23.3
	DN1	0	0.8	2.0	1	2.300	4	1.6	1.6	1.6	15	22.8
	SN1	0	201.	3.4	0	2.300	0	683.4	0.0	683.4	0	24.0
	STR	0	3.2	4.4	0	0.800	30	14.1	0.0	14.1	338	21.0
	Qcm	=	698 W									

Firma : 005360 Hofler - Tachov
Datum : 16.11.2018
Projektant : Hofler
Zak.číslo : 1840

Zakázka : DRESLER
Stavba : VYTAPENI
Místo : c.p.1533 HASICI TC.

B = 8 te = -15°C p2 = 0 % tib 8.7 °C varianta 1

ç.m.	úçel	çú	ti °C	M	tap °C	dB	n /h	nk /h	np /h	Vi,p m3/h	V m3/h	p1 %	p3 %
102	CHODBA	1	*										
103	KANCELAR	1	*										
104	ZAZEMI	1	*										
105	CHODBA	1	*										
106	ZASEDACKA	1	*										
107	KANCELAR	1	*										
108	PREDSIN	1	*										
109	WC	1	*										
111	CHODBA	1	*										
113	PREDSIN	1	*										
114	WC MUZI	1	*										
115	KUCHYN	1	*										
116	SKLAD	1	*										
117	SKLAD	1	20	0.7	22.1		0.00	0.00	0.5	19	0	6	0
118	SATNA	1	*										
119	SKLAD	1	15	0.4	16.9		0.47	0.47	0.5	34	0	6	0
121	SKLAD	1	15	0.7	16.4		0.76	0.76	0.3	16	0	5	0
122	GARAZE	1	5	0.4	6.3		0.33	0.33	0.3	374	0	6	0
123	DILNA	1	15	0.4	17.5		0.33	0.33	0.3	90	0	8	0
124	DILNA	1	15	0.4	17.8		1.09	1.09	0.3	163	0	9	0
125	DILNA	1	15	0.7	17.9		0.33	0.33	0.3	27	0	10	0
201	SCHODY	1	*										
202	CHODBA	1	*										
203	KLUBOVNA	1	*										
204	CHODBA	1	*										
205	KANCELAR	1	*										
206	SKLAD	1	*										
207	WC	1	*										
208	SPRCHA	1	*										
209	KANCELAR	1	*										
210	KANCELAR	1	*										
211	KANCELAR	1	*										
212	KANCELAR	1	*										
213	LOZNICE	1	*										
214	LOZNICE	1	*										
215	PREDSIN	1	*										
216	WC	1	*										
217	SPRCHY	1	*										
218	LOZNICE	1	*										
219	SKLAD	1	*										
220	CHODBA	1	*										

ç.m.	O m3	Sp m2	Qpm W	Qzm W	Qim W	Qcm W	Qv W	Qvr W	Qcmv W
102									
103									
104									
105									
106									
107									
108									
109									
111									
113									
114									
115									
116									
117	42.5	12.5	1134	1134	237	1371	0	0	1371
118									
119	76.2	22.4	1629	1629	364	1993	0	0	1993
121	23.8	7.0	492	492	173	665	0	0	66[illegible]
122	1285.4	247.2	7411	7411	2704	10115	0	0	1011[illegible]
123	311.0	59.8	5349	5349	972	6321	0	0	6321
124	168.9	32.5	3809	3809	1768	5576	0	0	5576
125	93.2	17.9	2665	2665	294	2958	0	0	2958
201									
202									
203									
204									
205									
206									
207									
208									
209									
210									
211									
212									
213									
214									
215									
216									
217									
218									
219									
220									
Σ BUD	2000.9	399.3	22488	22488	6511	28999	0	0	28999

Qcm - tepelné ztráty vçetnê p-iráæky p2
Qcmv - tepelné ztráty bez p2, vçetnê Qv nebo Qvr
Qim - je poçítáno pro vêt¿í z hodnot nk, np
Qv - neobsahuje výkon krytý rekuperací

qv = 0.56 W/K.m3 - vypoçítaná mêrná ztráta
qvmax = 0.70 W/K.m3 - max.p-ípustná mêrná ztráta
qvmax = 0.60 W/K.m3 - pri nadmo-ské vý¿ce > 600 m

Tepelná charakteristika budovy podle ÇSN 73 0540-2:1994

Firma : 005360 Hofler - Tachov
Datum : 16.11.2018 Zakázka : DRESLER
Projektant : Hofler Stavba : VYTAPENI
Zak.çíslo : 1840 Místo : c.p.1533 HASICI TC.

B = 8 te = -15°C varianta 1

konstrukce	KTC	k W/m2K	x m	y m	l m	inf
SO1	0	1.400				
OZ1	0	1.200	1.8	2.4	8.4	1.2
OZ2	0	1.200	2.1	1.5	7.2	1.2
OZ3	0	1.200	0.9	0.9	1.8	1.2
OZ4	0	1.200	1.5	0.7	4.4	1.2
OZ5	0	1.200	2.1	1.2	6.6	1.2
OZ6	0	1.200	1.5	1.3	5.6	1.2
OZ7	0	0.800	2.4	1.8	8.4	
OZ8	0	1.200	1.5	2.5	8.0	1.2
OZ9	0	1.200	1.5	1.5	6.0	1.2
OZ10	0	1.200	1.5	1.7	6.4	1.2
OZ11	0	1.200	2.1	1.3	6.8	8.1
SN1	0	2.300				
SN2	0	1.500				
DN1	0	2.300	0.8	2.0	5.6	1.2
DO1	0	2.400	1.2	2.1	8.4	1.4
DO2	0	2.400	0.9	2.0	6.2	1.4
DO3	0	1.400	3.6	4.0	15.2	1.5
DO4	0	1.400	4.0	3.6	15.2	1.5
DN2	0	1.400	1.2	2.0	8.4	1.4
PDL	0	1.300				
STR	0	0.800				
SCH	0	1.100				

Tepelnÿ odpor R = suma(tlou¿ƒka/vodivost) [m²K/W]
Minimální poæadovaná hodnota tepelného odporu je stanovena v ÇSN.
Odpor konstrukce Ro = Ri + R + Re [m²K/W]
Souçinitel prostupu tepla zabudované konstrukce :
viz ÇSN 73 05 40-4:1994 p⌐íloha C

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