

1- LES NOUVELLES THERMOPOMPES SERONT FOURNIES PAR LE REPRÉSENTANT DU MINISTÈRE ET INSTALLÉES PAR L'ENTREPRENEUR./
THE NEW HEAT PUMP WILL BE PROVIDED BY THE DERPARTMENTAL REPRESENTIVE AND INSTALLED BY THE CONTRACTOR.



THIS DRAWING SHALL NOT BE USED
FOR CONSTRUCTION OR
INSTALLATION PURPOSES

Soumission		Tender	
E. RUDKOWSKA			
Administrateur de projets		Project Manager	
No du projet	Project no.	No du projet	Project no.
R.078221.001		2337-013-00	
TPSGC	PWGSC	Client	Client
Nom du fichier		File name	No de classement
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		Sheet no.	

SERPENTIN DE CHAUFFAGE ÉLECTRIQUE															
IDENTIFICATION	MANUFACTURIER MODÈLE	AIR		ÉLECTRIQUE								FRICTION Pa	NOTES	REVISION	
		DEBIT L/s	TEMP.	SCR kW	ÉTAPE kW	ÉTAPE kW	ÉTAPE kW	ÉTAPE kW	ÉTAPE kW	TOTAL kW	TENSION V/ph/Hz				
			INT. °C												FIN. °C
ELECTRIC HEATING COILS															
IDENTIFICATION	MANUFACTURIER MODÈLE	AIR		ELECTRICAL								FRICTION Pa	NOTES	REVISION	
		FLOW L/s	TEMP.	SCR kW	STEP kW	STEP kW	STEP kW	STEP kW	STEP kW	TOTAL kW	TENSION V/ph/Hz				
			INT. °C												FIN. °C
SE-2		70	12.8	21.7	0.75						0.75	115/1/60	25	1	
SE-4		110	12.8	20.3	1						1	115/1/60	25	1	
SE-5		85	12.8	20.1	0.75						0.75	115/1/60	25	1	
SE-6		110	12.8	20.3	1						1	115/1/60	25	1	
SE-7		60	12.8	19.7	0.5						0.5	115/1/60	25	1	
SE-9		50	12.8	21.1	0.5						0.5	115/1/60	25	1	
SE-13		90	12.8	19.7	0.75						0.75	115/1/60	25	1	
SE-14		60	12.8	23.1	0.75						0.75	115/1/60	25	1	
SE-15		50	12.8	21.1	0.5						0.5	115/1/60	25	1	
SE-16		60	12.8	23.1	0.75						0.75	115/1/60	25	1	
SE-17		50	12.8	21.1	0.5						0.5	115/1/60	25	1	
SE-18		415	12.8	20.8	4						4	115/1/60	25	1	
SE-19		50	12.8	21.1	0.5						0.5	115/1/60	25	1	
SE-21		85	12.8	20.1	0.75						0.75	115/1/60	25	1	
SE-22		85	12.8	20.1	0.75						0.75	115/1/60	25	1	
SE-23		85	12.8	20.1	0.75						0.75	115/1/60	25	1	
SE-24		85	12.8	20.1	0.75						0.75	115/1/60	25	1	
SE-609		85	-17.8	-17.8	0.75						0.75	115/1/60	25	1	
NOTES															
1 Serpentin complet avec contacteurs magnétiques, vanne de courant modulante (SCR) et sectionneur sans fusible															

TABLEAU DES SERPENTINS ÉLECTRIQUES/
ELECTRIC COILS SCHEDULE

POMPES À CHALEUR																										
IDENTIFICATION	MANUFACTURIER MODÈLE	CAPACITÉ SENSIBLE REFROIDISSEMENT	CAPACITÉ EN CHAUFFAGE	UNITÉ		REFROIDISSEMENT								CHAUFFAGE				PUISSANCE		SIZE	FILTERS	NOTES	REVISION			
				DEBIT L/s	FRICTION EXTERNE Pa	INITIALE °C	FINALE °C	BS °C	BH °C	BS °C	BH °C	INT. °C	FIN. °C	DEBIT L/s	FRICTION kPa	°C	INT. °C	FIN. °C	INT. °C					FIN. °C	v / ph / hz	FLA
HEAT PUMPS																										
IDENTIFICATION	MANUFACTURIER MODEL	SENSIBLE CAPACITY COOLING (MBH)	HEATING CAPACITY	UNIT		COOLING								HEATING				POWER		COTE	FILTERS	NOTES	REVISION			
				FLOW L/s	EXTERNAL FRICTION Pa	INITIAL DB °C	FINAL WB °C	DB °C	WB °C	INT. °C	FIN. °C	FLOW L/s	FRICTION kPa	INT. °C	FIN. °C	WATER °C	v / ph / hz	FLA								
THERMOPOMPES EN ZONES INTERNES																										
P1	ClimateMaster TC015	10	18	215	125	26.7	19.4	15.0	12.1	26.4	35.9	0.2	9	20.0	40.9	21.1	16.0	208/3/60	7.2	DR	✓					
P2	ClimateMaster TC015	10	18	205	125	26.7	19.4	15.0	12.1	26.4	35.9	0.2	9	20.0	40.9	21.1	16.0	208/3/60	7.2	GL	✓					
P3	ClimateMaster TC009	6	11	140	100	26.7	19.4	15.2	12.4	26.4	35.6	0.1	9	20.0	42.6	21.1	16.0	208/3/60	5.4	GL	✓					
P4	ClimateMaster TC015	10	18	195	125	26.7	19.4	15.0	12.1	26.4	35.9	0.2	9	20.0	40.9	21.1	16.0	208/3/60	7.2	GL	✓					
P5	ClimateMaster TC012	7	16	170	125	26.7	19.4	14.9	12.1	26.4	35.9	0.2	16	20.0	45.9	21.1	15.9	208/3/60	6	GL	✓					
P6	ClimateMaster TC018	13	22	270	125	26.7	19.4	13.9	10.9	26.4	35.9	0.2	19	20.0	41.9	21.1	15.9	208/3/60	8.4	DR	✓					
P7	ClimateMaster TC024	16	30	360	125	26.7	19.4	14.1	11.1	26.4	35.9	0.3	25	20.0	43.1	21.1	16.1	208/3/60	9.2	DR	✓					
P8	ClimateMaster TC009	6	11	160	125	26.7	19.4	15.7	12.9	26.4	35.7	0.1	9	20.0	41.1	21.1	15.9	208/3/60	5.4	DR	✓					
P9	ClimateMaster TC009	6	11	140	100	26.7	19.4	15.2	12.4	26.4	35.6	0.1	9	20.0	42.6	21.1	16.0	208/3/60	5.4	DR	✓					
P10	ClimateMaster TC015	10	18	190	125	26.7	19.4	15.0	12.1	26.4	35.9	0.2	9	20.0	40.9	21.1	16.0	208/3/60	7.2	DR	✓					
P11	ClimateMaster TC015	10	18	170	125	26.7	19.4	15.0	12.1	26.4	35.9	0.2	9	20.0	40.9	21.1	16.0	208/3/60	7.2	DR	✓					
P12	ClimateMaster TC015	10	18	245	125	26.7	19.4	15.0	12.1	26.4	35.9	0.2	9	20.0	40.9	21.1	16.0	208/3/60	7.2	DR	✓					
P13	ClimateMaster TC015	10	18	190	125	26.7	19.4	15.0	12.1	26.4	35.9	0.2	9	20.0	40.9	21.1	16.0	208/3/60	7.2	DR	✓					
P14	ClimateMaster TC030	19	37	450	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.0	208/3/60	11.9	GL	✓					
P15	ClimateMaster TC018	13	22	315	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.0	208/3/60	8.4	DR	✓					
P16	ClimateMaster TC018	13	22	315	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.0	208/3/60	8.4	DR	✓					
P17	ClimateMaster TC018	13	22	300	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.0	208/3/60	8.4	DR	✓					
P18	ClimateMaster TC018	13	22	300	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.0	208/3/60	8.4	DR	✓					
P19	ClimateMaster TC030	22	40	545	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.0	208/3/60	12.9	DR	✓					
THERMOPOMPES EN ZONES PÉRIMÉTRIQUES																										
P20	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P21	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P22	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P23	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P24	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P25	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P26	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P27	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P28	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P29	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
P30	ClimateMaster TC024	16	30	330	125	26.7	19.4	14.1	11.1	26.4	36.1	0.3	25	20.0	43.1	21.1	16.1	208/3/60	9.2	DR	✓					
P31	ClimateMaster TC024	16	30	275	125	26.7	19.4	14.1	11.1	26.4	36.1	0.3	25	20.0	43.1	21.1	16.1	208/3/60	9.2	DR	✓					
P32	ClimateMaster TC024	16	30	275	125	26.7	19.4	14.1	11.1	26.4	36.1	0.3	25	20.0	43.1	21.1	16.1	208/3/60	9.2	DR	✓					
P33	ClimateMaster TC030	19	37	275	125	26.7	19.4	14.1	11.1	26.4	36.1	0.3	25	20.0	43.1	21.1	16.1	208/3/60	9.2	DR	✓					
P34	ClimateMaster TC030	19	37	275	125	26.7	19.4	14.1	11.1	26.4	36.1	0.3	25	20.0	43.1	21.1	16.1	208/3/60	9.2	DR	✓					
P35	ClimateMaster TC030	19	37	330	125	26.7	19.4	14.9	12.0	26.4	35.8	0.4	14	20.0	42.7	21.1	16.2	208/3/60	11.9	DR	✓					
NOTES																										
Les thermopomps sont fournies par le Représentant du Ministère et installés par l'entrepreneur. Heat pump are provided by the Departmental Representative and installed by the contractor.																										