





B (h d mOcm c jg Qj g b	Q _B c	Q _B 8Q D 8/h O ₈ -0°C	0) P	0)3	1)0	Q	
j g j r h d m (j a m i	D	Q 8, - Q _B 8 QO ₈ -0°C	P		,)	h	
j g j r h d m N m d i Qj g b	Q	D820 Q _B 8,0Q O ₈ -0°C	P	.)		Q	
		D820 Q _B 8,0Q O ₈ , -0°C	P	.)3			
Dk k d i	d	Q 8-0Q _B 8 Q		0)-		i A	
M m Omi a m k d i	P m	æ, HC O ₈ -0°C	P	y-		i A	
B (h d m g f b m i	D N	Q 8 Q Q _B 8- QO _e 8 -0°C	P		/	i	
O m(j i g Oth	j i	D 820 Q 81 Q Q _B 8 ,0Q M _B J I 8 , M _B J AA 8 0), O ₈ -0°C P		2		i	
Md Oth	m			02		i	
O m(j a g Oth	j a			-0.		i	
A g Oth	a			-2		i	
i r b d k g i n i b O m(j i Oth	j i			2)-		h E	
i r b d k g i n i b O m(j a Oth	j a			,)3		h E	
O m(j i g Oth	j i				3		i
Md Oth	m				10		i
O m(j a g Oth	j a				-30		i
A g Oth	a				.-		i
i r b d k g i n i b O m(j i Oth	j i			,)0		h E	
i r b d k g i n i b O m(j a Oth	j a			-)3		h E	
N	D	Q _k , Q _B 8,0QO ₈ , -0°C Q 81 Q Q _H , - Q		0.	P		



M k dd K f M m Qjg b	$P_{Q_{MH}}$	$0,8-0^{\circ}\text{C}$	P	, -
ji d j Ajm m mi	Q			20
M k dd K f Ajm m mi	$P_{D_{MH}}$	k8, h		, 0

Ajm m Qjg b	Q_A	$0,820\ 0,8-0^{\circ}\text{C}$	P	, 4	-)
		$0,820\ 0,8,-0^{\circ}\text{C}$	P	-)	
M j m c rb	P_{L_m}	$0,820$		/)	
K f M m M j m mi	P_{D_m}	$Q_{p1}\ Q$ (d 840		00	
M m M j m i rb	$P_m\ P$	$0,8-0^{\circ}\text{C}$	P	-)1	hE
M j m c rb	P_{L_m}	$0,820$		2)3	
K f M m M j m mi	P_{D_m}	$Q_{p1}\ Q$ (d 840		3	
M m M j m i rb	$P_m\ P$	$0,8,-0^{\circ}\text{C}$	P	.)3	hE



Djg ği jg b	B _{đjg}	8, hđ đ0 C	-0			Q
H đ h Ei ği Ohk m m	Q _đ				,0	°C
Jk mđbEi ği Ohk m m	O _{đjk}	P	(/		, -0	°C
Njmb Ohk m m	O _{đb}		(/		, -0	°C
Oc rh gM d i Ei ği(j	M _{đE}	k mđ=0				FR
Oc rh gM d i (j Nđf	M _{đN}	ji d bm kkgđ	P) 0		FR
Hj g g ñ Ğ rh	H _đ	M j h h i H0	-)0		0)	l h
Hj g(j(NđfĞ rh	H _đ	M j h h i H1	.)		0)	l h
R đc jaHj g	B				,0	b







