

$A_{wall}=15m^2$

$K_b=0,72 \text{ w/m}^\circ\text{C}$

$K_p=0,22 \text{ w/m}^\circ\text{C}$

$K_f=0,026 \text{ w/m}^\circ\text{C}$

$T_{inf1}=20^\circ\text{C}$

$T_{inf2}=-10^\circ\text{C}$

$A_{brick}=0,32m^2$

$R_{br}=1,01^\circ\text{C/W}$

$R_{p1}=96,96^\circ\text{C/W}$

$R_b=2,02^\circ\text{C/W}$

$R_{totalpll}=0,56$

$R_t=6,35^\circ\text{C/W}$

$\dot{Q}=4,73$

U _{brick}	1/R _{br}	0,99
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U _{p1}	1/R _{p1}	0,01
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U _{pll}	1/R _{totalpll}	1,79
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U _t	$0,02*0,01+0,32*2,02+0,15*0,56$	0,73
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Q _{tot}	$0,73*0,32*10$	2,336
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