$A_{wall=15m2}$

Kb=0,72 w/m°c

Kp=0,22w/m°c

Kf=0,026w/m°c

T_{Inf1}=20°c

T_{inf2}=-10°c

A_{brick}=0,32m2

Rp1= Lp1/(Kp*Ap1)

Rp1=0,32/(0,22*0,015) Rp1=Rp2

Rp1= 96,96°C/W

Rb=Lb/(Kb*Ab)

Rb= 0,32/(0,72*0,22)

Rb=2,02°C/W

1/Rtotalpll =1/Rb + 1/Rp1 + 1/Rp2

1/2,02 + 2(1/96,96)

Rtotalpll= 0,56

Rt= Rc1+Rc2+Rf+2*Rp1+2(1/Rp1)+1/Rb

Rt= 0,4++0,1+0,46+0,36*2+2(1/96,96)+1/2,02

Rt=6,35 °C/W

Q̇= (20--10)/6,35

Q̇=4,73