



# Геотермална енергия

200



, . 24  
+359 2 988 66 21, +359 2 951 66 15  
mail: [gsm@solo.bg](mailto:gsm@solo.bg) [www.gasstroyontaj.com](http://www.gasstroyontaj.com)



❖ температура на земята:

15 > -  
 15 20 > 10°  
 33 +1° , 100 + 3°  
 100 > 13°  
 200 > 16°



20



+



PEHD

200

(  
 1,5 , .)



/ ( ) , , .



, ~ 25%

100 %

= ~ 25 % .

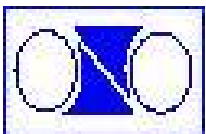
+ ~ 75 %



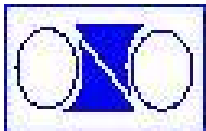
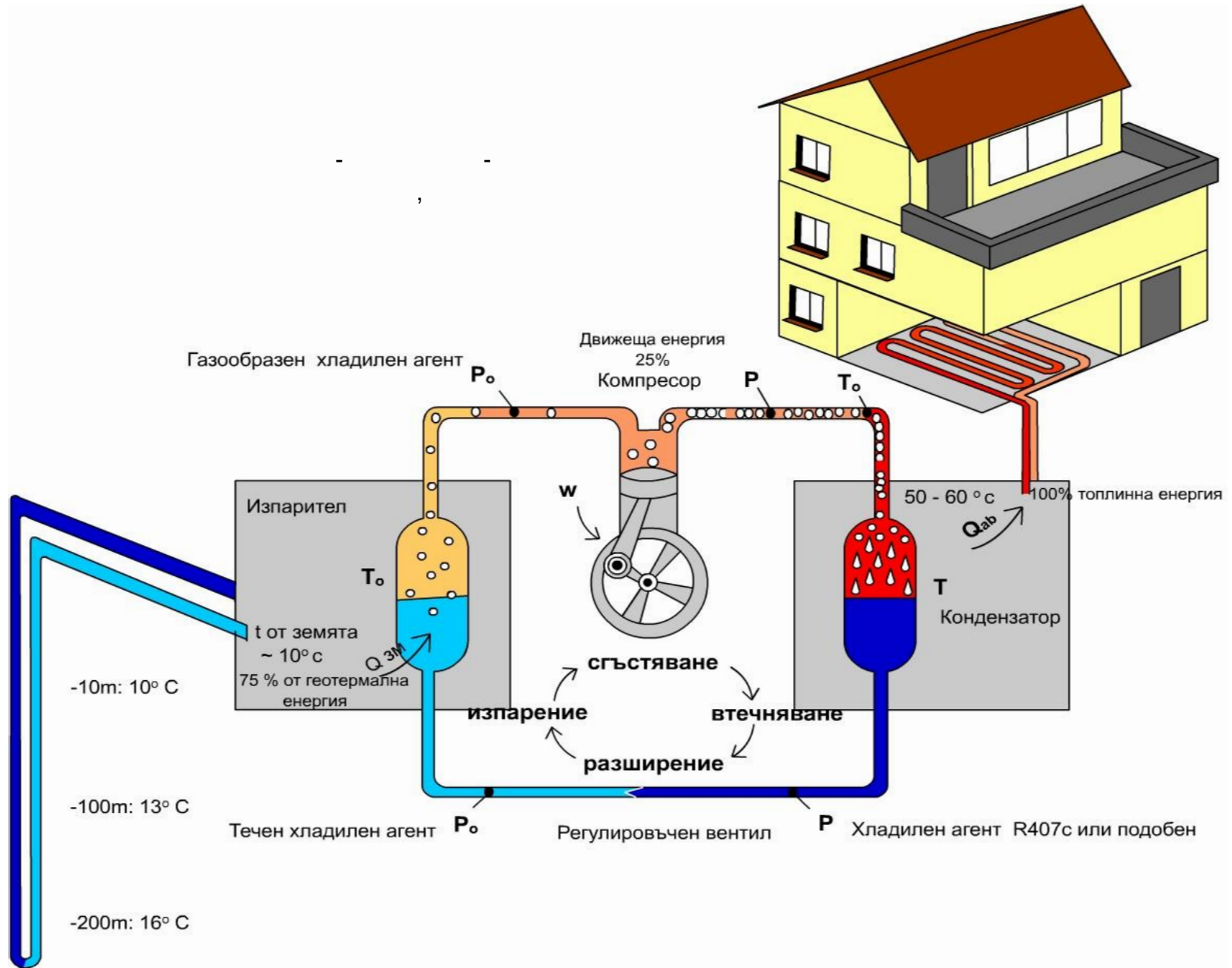
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( , )

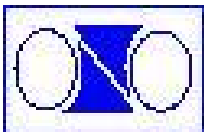


- 1.
- 2.
- 3.

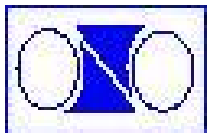
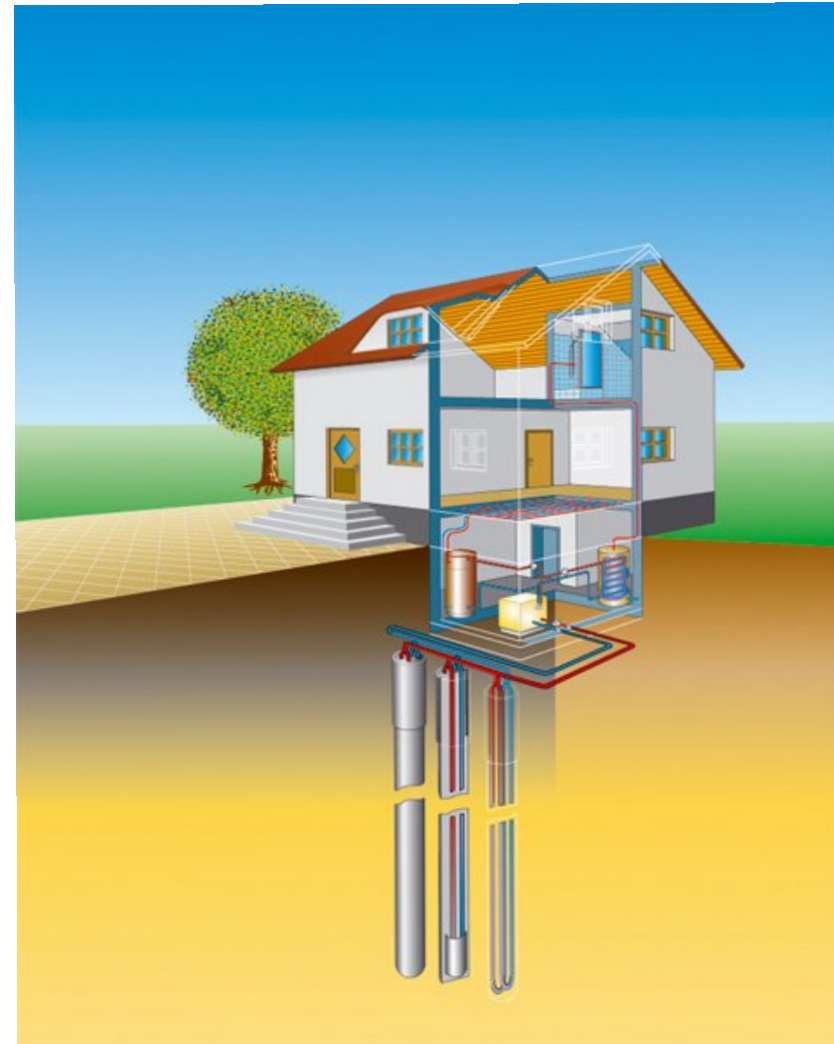


❖  
 ❖  
 ❖  
 ( 20 )  
 ❖  
 ❖ -  
 ❖  
 ❖ -  
 ❖ ( > 100 , > 20 )

1. ( 10 kW 200 . .- 50 W . . )
2. - ( ) - 10 kW = 5  
 - . - 2,0 kW  
 - - 8,0 kW (8000 W)
3. - 50 W/
4. 160 = 8000 W/50W
5. 2 80 ( ) 4  
 40 , 160



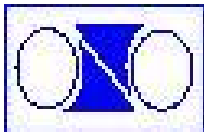
- ❖ U- PEHD100
- ❖ : 25, 32 40
- ❖ + /
- ❖ : 50-150
- ❖ -
- ❖ 152 /88,9
- ❖ : .6
- ❖



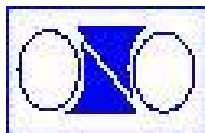
' -	20-25 W/m
' -	30-50 W/m
	45-70 W/m
	55-80 W/m
' -	55-80 W/m
'	55-85 W/m

06.02.2009

	/kWh
	0,183
' -	0,182
-	0,114
' -	0,106
	0,104
200 )+ ( -	0,039



>>>>>>>				
			( )	
	4	4,5	4,5	3,0



## HUTTE HBR 605

