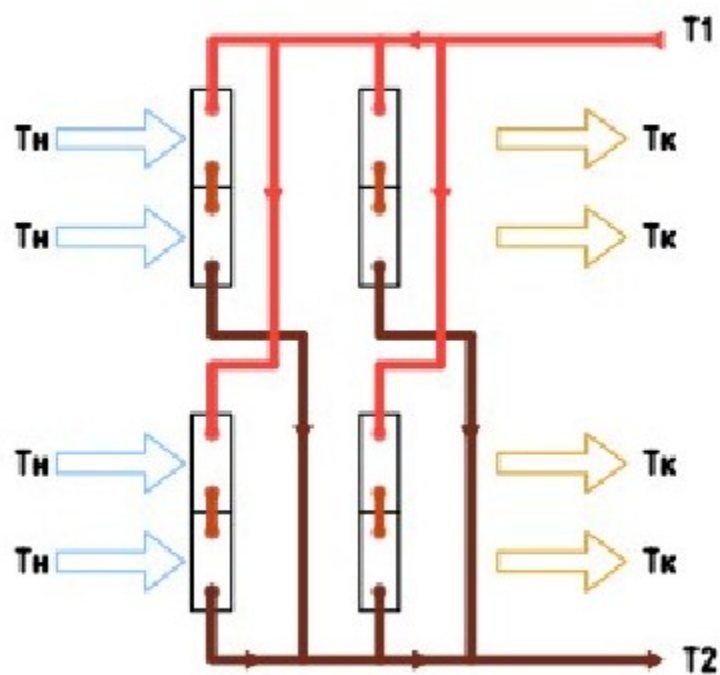


-										
				3/		. /	/	1 /	/	
				3/		.	/	2.	.	
1 3	3-125 12.11214 L=125000	3-20.15.02 3 2 L=1.6 H=1.5	8	120000	-35.0	20.0 27.1	39156	130.0 61.6	2349378	2678498
2 3	3-125 12.11214 L=125000	3-20.15.02 3 2 L=1.6 H=1.5	4	120000	-35.0	20.0 5.2	39156	130.0 85.8	2349378	1732561

1 3												
3-125 12.11214 L=125000												
	3/	L_E	120000.0	/	G_E	177983.2	$L_{\text{рас}}$	0.0	$L_{\text{обс}}$	0.0		
					t_H	-35.0				$t_{\text{кр}}$	20.0	
								c_E	1.0140			
						G_w				39156.3		
					t_1	130.0				t_2	70.0	
					c_w	4.1868				932		
3-20.15.02 3 2 L=1.6 H=1.5										N	8	
					f_K	90.000				F	720	
					f_E	2.480				f_w	0.003310	
z			2	z_E	4					z_w	4	
					a	25.48	m	0.48	n	0.127		
					vp	4.98				w	0.88	
					$W_E = c_E \cdot G_E$		50.13				$W_w = c_w \cdot G_w$	45.539
					$W_{\text{мин}}$		45.539				$\frac{W_{\text{мин}}}{W_{\text{макс}}}$	0.908
					$W_{\text{макс}}$		50.132					
			k_s	0.85							$k = k_s \cdot a \cdot (vp)^m \cdot w^n$	39.94
										$NTU = \frac{k \cdot F}{W_{\text{мин}}}$		0.73
$\varepsilon = \frac{1}{W_{\text{мин}}/W_{\text{макс}}} \cdot \left\{ 1 - \exp \left\{ - \left[1 - \exp(-NTU) \right] \cdot \frac{W_{\text{мин}}}{W_{\text{макс}}} \right\} \right\}$										0.41		
								Δt_H		165.00		
					Q_p	2349378.15				$Q = W_{\text{мин}} \cdot \varepsilon \cdot \Delta t_H$	2678498.09	
					$\Delta t_E = Q / W_E$		62.14				$\Delta t_w = Q / W_w$	68.41
					$t_K = t_H + \Delta t_E$		27.14				$t_2 = t_1 - \Delta t_w$	61.59
			b	6.94	r	1.72				$\Delta P = z \cdot b \cdot (vp)^r$	22.28	
					S	6.00				$\Delta H = \frac{N}{z_w} \cdot S \cdot w^p$	0.95	
					p	2.00						
					.238.201-015- . .						2	

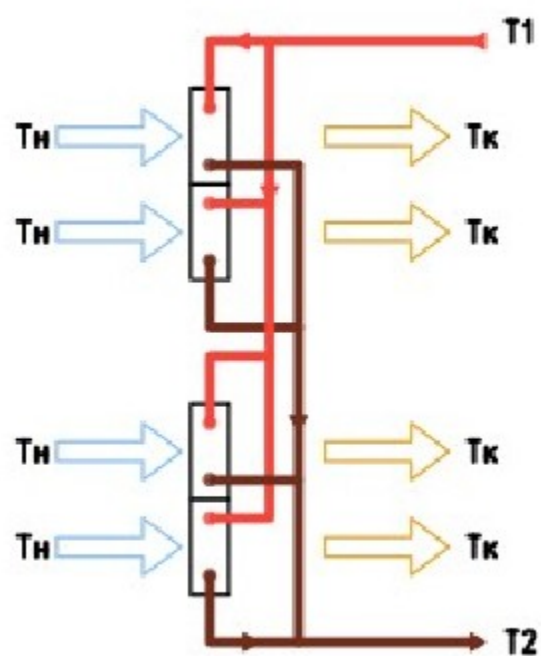
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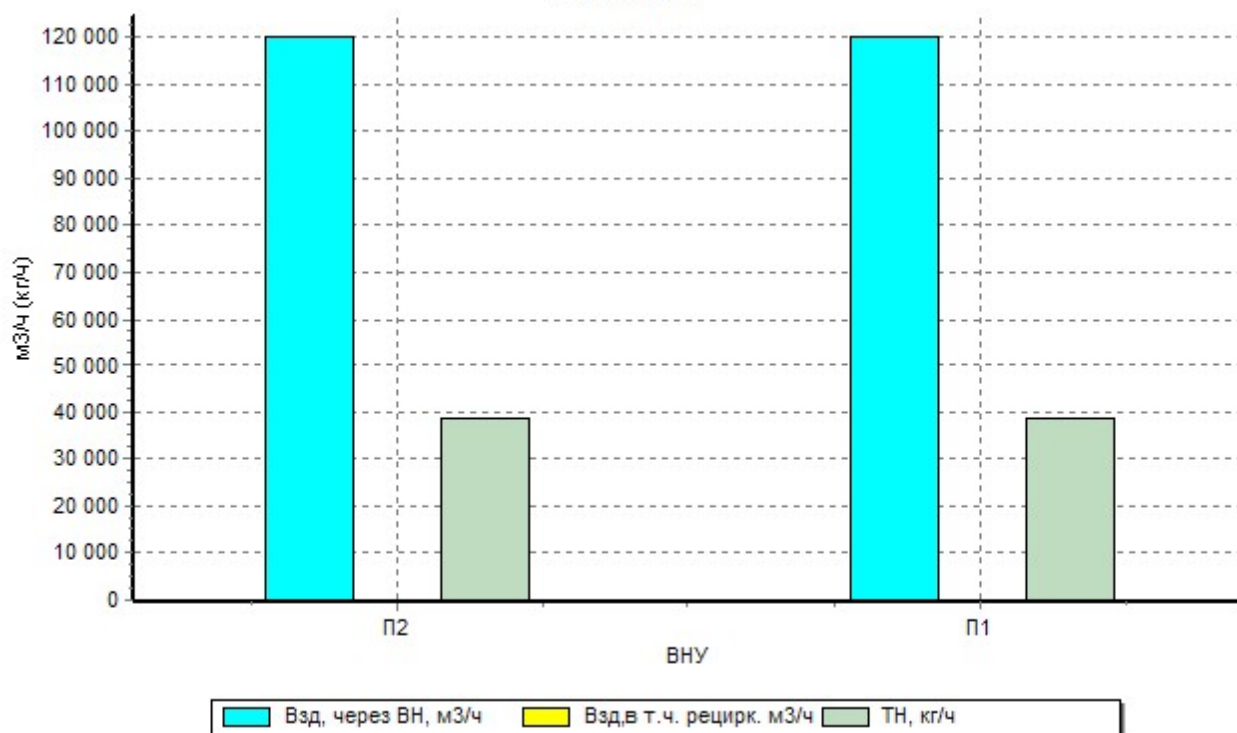


2 3												
3-125 12.11214 L=125000												
	3/	L_E	120000.0	/	G_E	177983.2	$L_{\text{рас}}$	0.0	$L_{\text{обс}}$	0.0		
					t_H	-35.0				$t_{\text{кр}}$	20.0	
								c_E	1.0140			
						G_w				39156.3		
					t_1	130.0				t_2	70.0	
					c_w	4.1868				932		
3-20.15.02 3 2 L=1.6 H=1.5										N	4	
					f_K	90.000				F	360	
					f_E	2.480				f_w	0.003310	
Z			1	Z_E	4					Z_w	4	
					a	25.48	m	0.48	n	0.127		
					vp	4.98				w	0.88	
					$W_E = c_E \cdot G_E$		50.13				$W_w = c_w \cdot G_w$	45.539
					$W_{\text{мин}}$		45.539				$\frac{W_{\text{мин}}}{W_{\text{макс}}}$	0.908
					$W_{\text{макс}}$		50.132					
			k_s	0.85							$k = k_s \cdot a \cdot (vp)^m \cdot w^n$	39.94
										$NTU = \frac{k \cdot F}{W_{\text{мин}}}$		0.37
$\varepsilon = \frac{1}{W_{\text{мин}}/W_{\text{макс}}} \cdot \left\{ 1 - \exp \left\{ - \left[1 - \exp(-NTU) \right] \cdot \frac{W_{\text{мин}}}{W_{\text{макс}}} \right\} \right\}$										0.27		
							Δt_H			165.00		
					Q_p	2349378.15				$Q = W_{\text{мин}} \cdot \varepsilon \cdot \Delta t_H$	1732560.58	
					$\Delta t_E = Q / W_E$		40.19				$\Delta t_w = Q / W_w$	44.25
					$t_K = t_H + \Delta t_E$		5.19				$t_2 = t_1 - \Delta t_w$	85.75
			b	6.94	r	1.72				$\Delta P = z \cdot b \cdot (vp)^r$	11.14	
					S	6.00				$\Delta H = \frac{N}{Z_w} \cdot S \cdot w^p$	0.48	
					p	2.00						
					.238.201-015-						4	

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Расходы



Температуры

