

## EN442 - HEAT OUTPUTS - PURMO RATEC

## INPUT

$t_{\text{flow}}$	$t_{\text{return}}$	$t_{\text{room}}$	$dT_{\text{In}}$
105,00	75,00	20,00	68,92

$$OP = KT * H^b * dt^{(C_0 + C_1 * X H)}, W/m$$

HEIGHT	TYPE 21		
LENGHT	142	214	286
400	292	387	483
600	437	580	724
800	583	774	966
1000	729	967	1207
1200	875	1161	1449
1400	1020	1354	1690
1600	1166	1548	1932
1800	1312	1741	2173
2000	1458	1935	2415
2300	1676	2225	2777
2600	1895	2515	3139
3000	2186	2902	3622
$C_0 + C_1 * H$	1,26020	1,27763	1,29505

HEIGHT	TYPE 22		
LENGHT	142	214	286
400	398	507	613
600	597	760	920
800	796	1013	1226
1000	995	1267	1533
1200	1194	1520	1839
1400	1393	1774	2146
1600	1592	2027	2452
1800	1791	2280	2759
2000	1990	2534	3065
2300	2288	2914	3525
2600	2586	3294	3985
3000	2984	3801	4598
$C_0 + C_1 * H$	1,25361	1,26931	1,28500

HEIGHT	TYPE 33		
LENGHT	142	214	286
400	572	741	920
600	858	1112	1380
800	1145	1482	1840
1000	1431	1853	2300
1200	1717	2223	2760
1400	2003	2594	3220
1600	2289	2965	3680
1800	2575	3335	4140
2000	2862	3706	4600
2300	3291	4262	5290
2600	3720	4817	5980
3000	4292	5559	6900
$C_0 + C_1 * H$	1,24075	1,26768	1,29461

HEIGHT	TYPE 34		
LENGHT	142	214	286
400	695	898	1104
600	1043	1348	1655
800	1391	1797	2207
1000	1738	2246	2759
1200	2086	2695	3311
1400	2434	3144	3863
1600	2782	3594	4414
1800	3129	4043	4966
2000	3477	4492	5518
2300	3999	5166	6346
2600	4520	5839	7173
3000	5215	6738	8277
$C_0 + C_1 * H$	1,24986	1,26973	1,28960