

SPECIFICATION OF THERMOELECTRIC COOLING ASSEMBLY 120-12-AA



<i>Thermoelectric parameters</i>	<i>Unit</i>	<i>Value</i>
Operating voltage (U)	V	12
Operating current (I)	A	15.2
Operating cooling power (Qc)*	W	61
Tolerance	%	±10

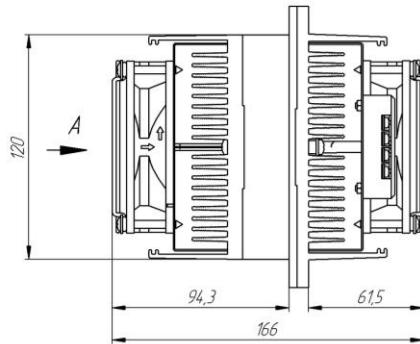
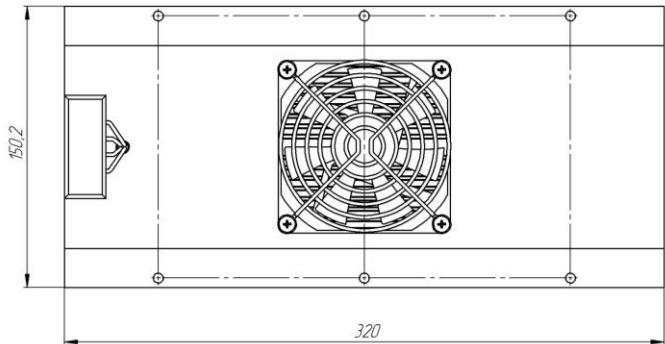
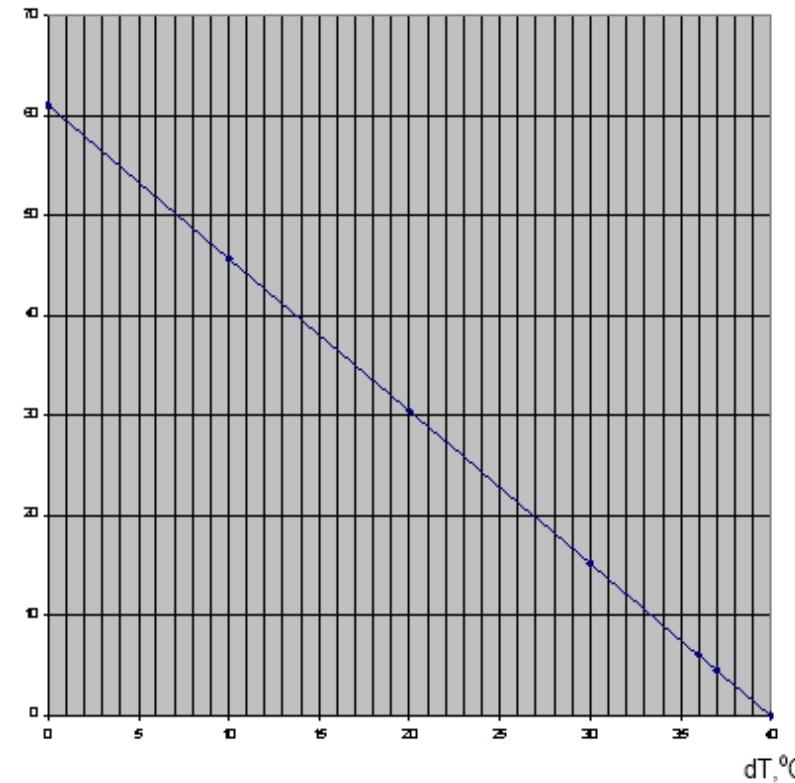
<i>Operational parameters</i>	<i>Unit</i>	<i>Value</i>
Working temperature range	°C	-30 ÷ +70
Weight	kg	4.5

<i>Parameters of fans</i>		<i>Unit</i>	<i>Value</i>
Fan quantity	Hot side	-	1
	Cold side	-	1
Electrical parameters		V/A	12/0.25

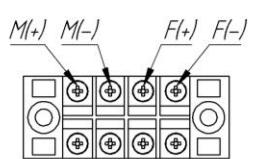
* Operation cooling power corresponds to zero difference temperature between cold radiator and the environment with temperature of 27°C

Load curve

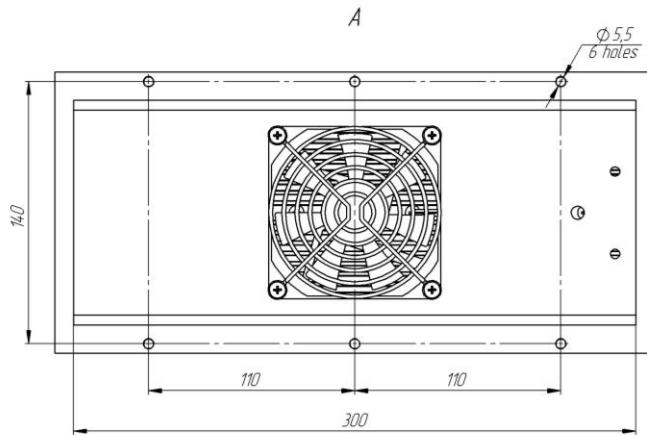
Q_c , Watts



Terminal block connection



F - fan
M - thermoelectric module



ECOGEN

CUSTOMER