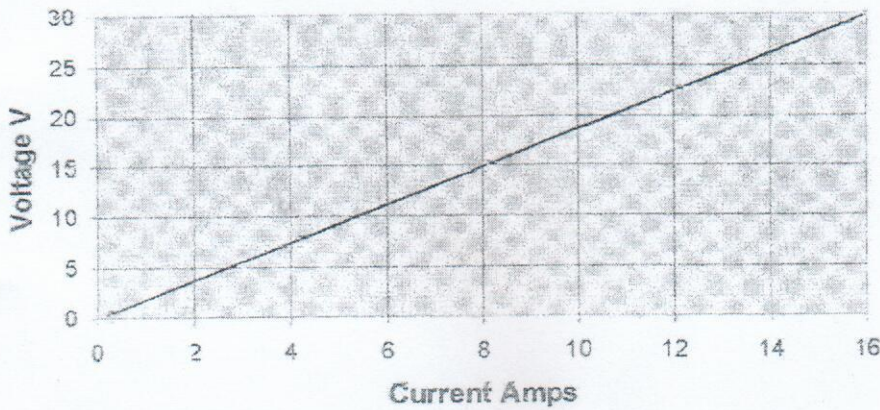


Specification Table For Thermoelectric Cooler

No.	Parameters	Unit	FMT-270-XT	
1	Current, max,	A	15	
2	Voltage, max	V	30	
3	Cooling power, (at Th=25°C)	W	270 min	
4	Temp. Difference, max(Th=25°C)	K	In vaccumm (unsealed) min.65	On air (sealed) min 64
5	Resistance (at 25° C amb.,)	Ohm	1.8±10%	
6	Figure of Merit	1/K	In vaccumm (unsealed) 0.00247	On air (sealed)0.00234
7	Width	mm	50±0.5	
8	Length	mm	50±0.5	
9	Thickness	mm	3.9	
10	Thickness tolerance	mm	±0.3	
11	Parallel Difference	mm	0.05	
12	Wire Length	mm	120+/-10	
13	Wire Section	sq.mm	1	
14	Int. Melting Point	gr.C	183	

Voltage & Current Relationship



Power & Voltage Relationship

