

**New!**

**Double Check Ltd.**  
thermal solutions  
דאבל צ'ק בע"מ פתרונות תרמיים

## TES 2U Rack Mounted Thermoelectric Air Conditioner

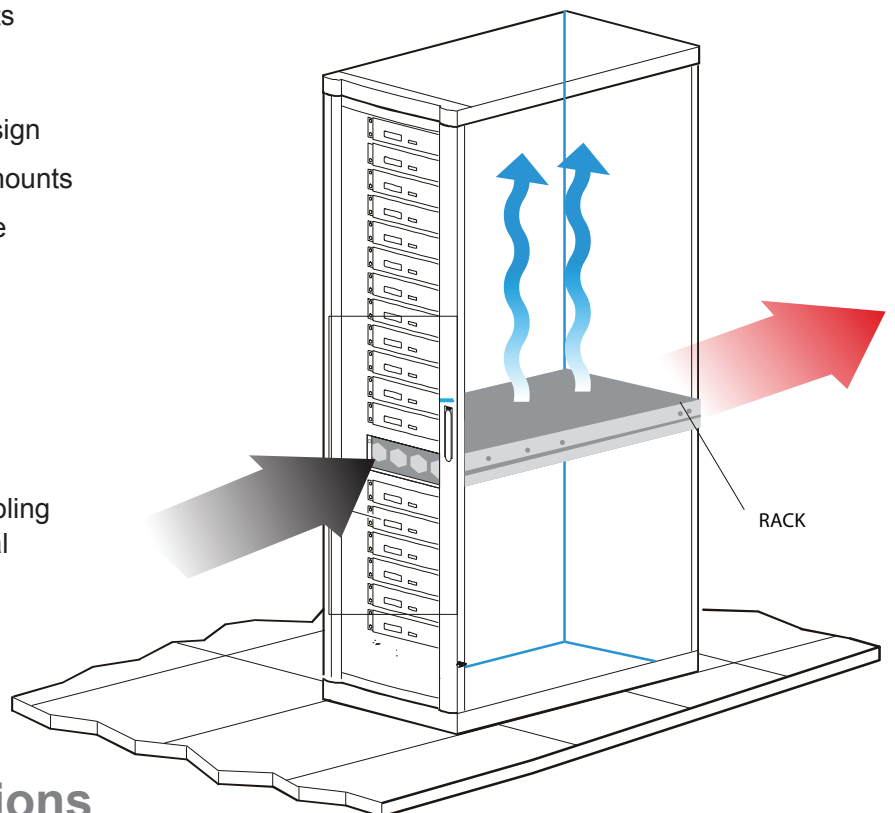
**TES has added a new 450watt low profile 2U high thermoelectric air conditioner designed to fit in 19" racks**

This unit was designed to meet telecommunication and electronics industry needs

The new air conditioner combines reliable thermoelectric (Peltier) technology with a newly designed heat sink resulting in a low profile design with cooling capacity up to 450 watts

- ▶ Very compact high capacity **2U** flat design
- ▶ Especially suitable for small 19" rack mounts
- ▶ Redundant design for low maintenance
- ▶ Space saving construction
- ▶ Spot cooling capabilities
- ▶ Closed loop capability

In contrast to current practice where room air conditioning together with passive fans, the new design provides active thermal cooling within the rack without taking up substantial amount of space in rack.



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## 2U RACK MOUNTED THERMOELECTRIC AIR CONDITIONER

Performance \ Model	Model RAC-200D	Model TRAC-200A	Model TRAC-300D	Model TRAC-300A	Model TRAC-450A
<b>MECHANICAL PERFORMANCE</b>					
Height, mm	88	88	88	88	88
Width, mm	445	445	445	445	445
Depth, mm	594	594	594	594	594
Weight, kg	17	18	19	20	20
<b>ELECTRICAL PERFORMANCE</b>					
Input voltage	12/24 VDC	115/230 VAC	12/24VDC	115/230 VAC	115/230 VAC
Power consumption, Watts	250	290	360	420	650
<b>COOLING PERFORMANCE</b>					
Maximum cooling power, Watts	220	210	315	305	455
Temperature inside enclosure, deg. C	-30 to 50	-15 to 50	-30 to 50	-15 to 50	-15 to 50
Ambient air temperature, deg. C	-30 to 50	-15 to 50	-30 to 50	-15 to 50	-15 to 50
External air flow, CFM	100	100	150	150	170
Internal air flow, CFM	60	60	80	80	90

