

# Thermoelectric Coolers



## TEC-FGEC100 Series



TEC-FGEC103

TEC-FGEC104

TEC-FGEC102

TEC-FGEC101

All models shown smaller than actual size.

- ✓ Compact Design
- ✓ DC Operation
- ✓ Reliable Solid-State Construction

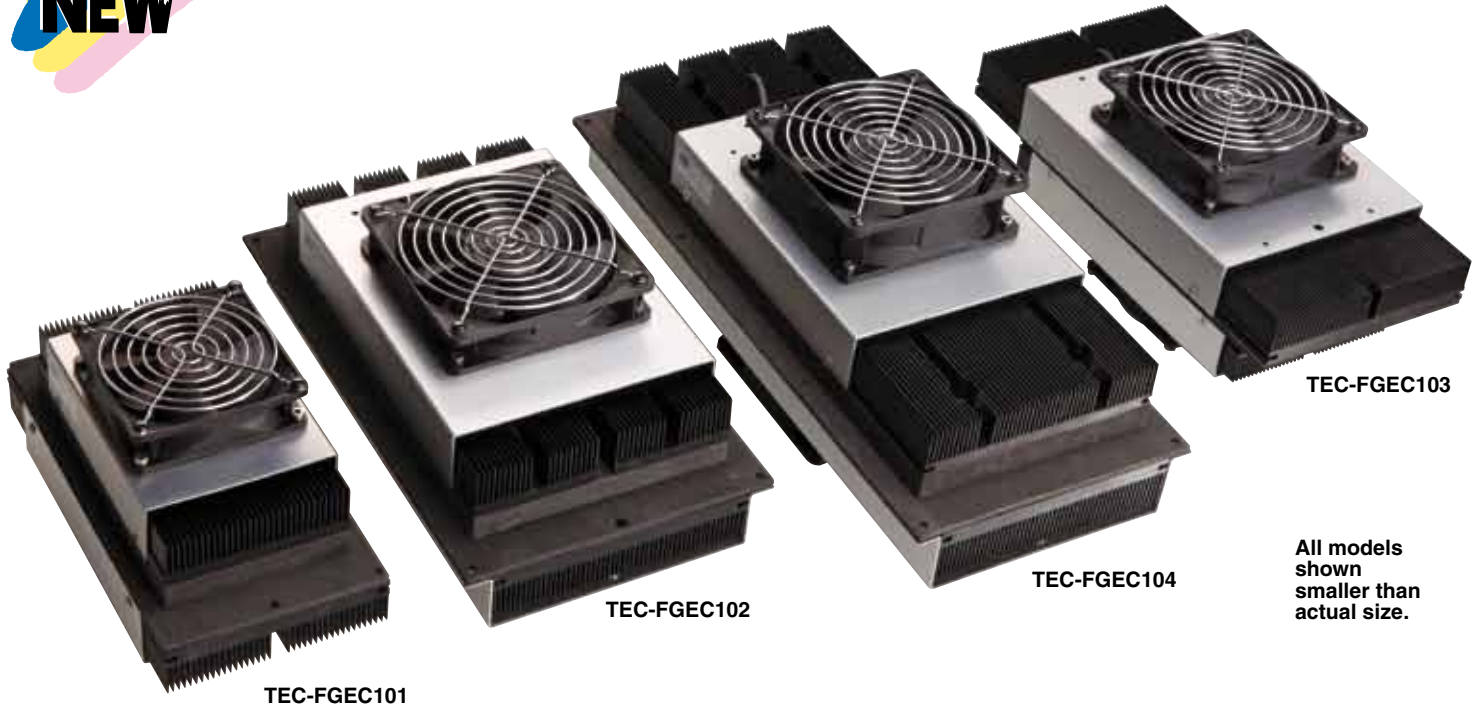
### Applications

- ✓ Control Panels/Outdoor Enclosures, Analytical/Medical Instrumentation, Industrial Instrumentation, Food and Beverage Cooling and Telecom Cabinets

The air to air thermoelectric coolers employ forced air convection provided by IP54 axial fans. It forms part of the standard range which provides assemblies from 60 to 200W. The FGT100 and FGT200 series thermostats are available for control.

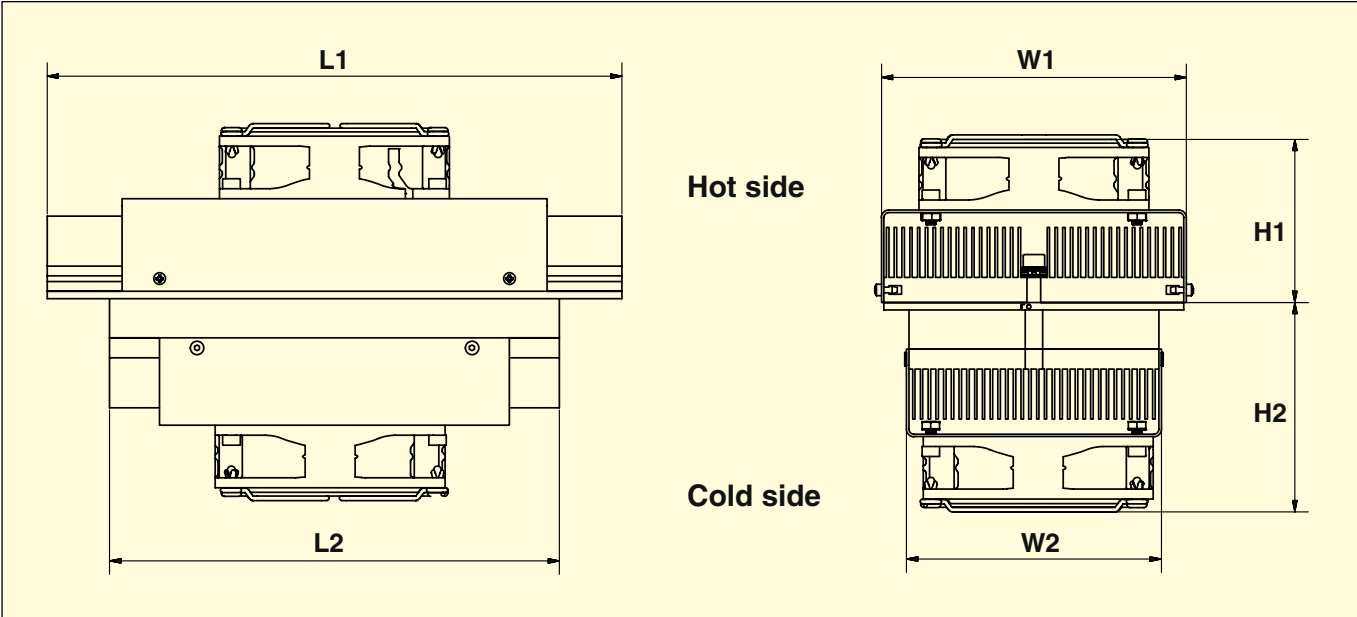
### Specifications

Model No.	TEC-FGEC101	TEC-FGEC102	TEC-FGEC103	TEC-FGEC104
Rated Cooling Power: Watt	60	100	150	200
Typical Current (Measured after 5 Minutes @ 68°F): Amp	3.3	5.8	8.5	12
Nominal Voltage	24 Vdc			
Operating Temperature °C (°F)	-10 to 50 (14 to 122)			
Cold Side Airflow @ Zero Static Pressure: cfm	53.5	58	73	107
Hot Side Airflow @ Zero Static Pressure: cfm	53.5	115	135	135
L10 @ 40°C (Fans): Hours	65,000			
Weight (Approximate): kg (lb)	3 (6.61)	4.5 (9.92)	5.5 (12.1)	7.5 (16.53)
Standard Lead Length: mm (inch)	600 (23.62)			
Length: L1/L2, mm (inch)	230 (9.06)/ 180 (7.09)	300 (11.81)/ 230 (9.06)	300 (11.81)/ 250 (9.84)	400 (15.75)/ 350 (13.78)
Width: W1/W2, mm (inch)	122 (4.8)/102 (4.02)	153 (6.02)/123 (4.84)	153 (6.02)/153 (6.02)	153 (6.02)/153 (6.02)
Height: H1/H2, mm (inch)	67 (2.64)/83.7 (3.30)	74 (2.91)/90.02 (3.55)	80 (3.15)/85 (3.35)	86 (3.39)/100 (3.94)



TEC-FGEC103

All models shown smaller than actual size.



<b>To Order Visit <a href="http://omega.com/tec-fgec100">omega.com/tec-fgec100</a> for Pricing and Details</b>	
<b>Part No.</b>	<b>Description</b>
<b>TEC-FGEC101</b>	60 W, 24 Vdc, air to air thermoelectric cooler
<b>TEC-FGEC102</b>	100 W, 24 Vdc, air to air thermoelectric cooler
<b>TEC-FGEC103</b>	150 W, 24 Vdc, air to air thermoelectric cooler
<b>TEC-FGEC104</b>	200 W, 24 Vdc, air to air thermoelectric cooler

Comes complete with operator's manual.  
**Ordering Examples:** **TEC-FGEC101**, 60 W, 24 Vdc, air to air thermoelectric cooler.  
**TEC-FGEC104**, 200 W, 24 Vdc, air to air thermoelectric cooler.