

THERMOELECTRIC COOLERS INDOOR/OUTDOOR



Thermoelectric Coolers minimize downtime and component loss by removing heat around critical components within an enclosure. These compact, low-profile coolers using the Peltier effect allow for cooling of small indoor and outdoor enclosures. No condensers, compressors or filters are required making it a reliable solution for demanding low-maintenance environments and low noise. Operates on the Peltier effect for cooling or heating

FEATURES & BENEFITS

Operates on the Peltier effect for cooling or heating

Contains no refrigerant, making it earth friendly

Filterless design reduces maintenance requirements

Compressor-free air conditioning for demanding indoor and outdoor applications

Prewired with simple terminal block for easy wiring connections

Shrouded and unshrouded models included in standard packages

Operating temperature range -40 C (-40 F) to 55 C (131 F)

Partial recess mount

DC Powered operation for 24V and 48V applications

Low profile design allows for mounting vertically and horizontally on any enclosure to avoid interference with internal components

SPECIFICATIONS

Thickness 16 ga

Table 1/3

Catalog Number	Height	Width	Depth	Nominal Capacity Btu/h	Nominal Capacity Watts	Nominal Voltage
TE090624011	9.29 in	5.02 in	6.94 in	178 Btu/h	52 W	24 V
TE090624010	9.29 in	5.02 in	6.94 in	178 Btu/h	52 W	24 V
TE090624020	9.06 in	4.84 in	6.91 in	178 Btu/h	52 W	24 V
TE121024011	12 in	6.18 in	7.43 in	321 Btu/h	94 W	24 V
TE121024010	12 in	6.18 in	7.43 in	321 Btu/h	94 W	24 V
TE121024020	11.81 in	6.02 in	7.4 in	321 Btu/h	94 W	24 V
TE121048010	12 in	6.18 in	7.43 in	321 Btu/h	94 W	48 V
TE121048020	11.81 in	6.02 in	7.4 in	321 Btu/h	94 W	48 V
TE162024010	15.93 in	7.35 in	7.27 in	567 Btu/h	166 W	24 V
TE162024011	15.93 in	7.35 in	7.27 in	567 Btu/h	166 W	24 V
TE162024020	15.75 in	7.09 in	7.25 in	567 Btu/h	166 W	24 V
TE162048010	15.93 in	7.35 in	7.27 in	567 Btu/h	166 W	48 V
TE162048020	15.75 in	7.09 in	7.25 in	567 Btu/h	166 W	48 V

Table 2/3

Catalog Number	Voltage DC	Max Current	Operating Temperature	Protection Rating	Material	Finish
TE090624011	18 V	4.4 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; NEMA Type 4X; IP65	Stainless Steel 304	Brushed #4
TE090624010	18 V	4.4 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; IP65	Mild Steel	Powder Coated
TE090624020	18 V	4.4 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; NEMA Type 4X; IP65	Aluminum	Anodized
TE121024011	18 V	8.5 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; NEMA Type 4X; IP65	Stainless Steel 304	Brushed #4
TE121024010	18 V	8.5 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; IP65	Mild Steel	Powder Coated
TE121024020	18 V	8.5 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; NEMA Type 4X; IP65	Aluminum	Anodized
TE121048010	40 V	4.4 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; IP65	Mild Steel	Powder Coated

Catalog Number	Voltage DC	Max Current	Operating Temperature	Protection Rating	Material	Finish
TE121048020	40 V	4.4 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; NEMA Type 4X; IP65	Aluminum	Anodized
TE162024010	18 V	14.7 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; IP65	Mild Steel	Powder Coated
TE162024011	18 V	14.7 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; NEMA Type 4X; IP65	Stainless Steel 304	Brushed #4
TE162024020	18 V	14.7 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; NEMA Type 4X; IP65	Aluminum	Anodized
TE162048010	40 V	7.6 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; IP65	Mild Steel	Powder Coated
TE162048020	40 V	7.6 A	-40 to 131 °F	NEMA Type 12; NEMA Type 3R; NEMA Type 4; NEMA Type 4X; IP65	Aluminum	Anodized

Table 3/3

Catalog Number	Color	Color Code
TE090624011	Unpainted	
TE090624010	Light Gray	RAL 7035
TE090624020	Unpainted	
TE121024011	Unpainted	
TE121024010	Light Gray	RAL 7035
TE121024020	Unpainted	
TE121048010	Light Gray	RAL 7035
TE121048020	Unpainted	
TE162024010	Light Gray	RAL 7035
TE162024011	Unpainted	
TE162024020	Unpainted	
TE162048010	Light Gray	RAL 7035
TE162048020	Unpainted	

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