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BUILDING PRODUCTS LISTING PROGRAM

Customer: Cool Master Refrigeration Inc.
Class: Insulated Metal Panels
Location: Tottenham, Ontario Canada
Website: https://www.coolmaster.ca

Listing No. B1158-1
Project No. B1158-1, Edition 4
Effective Date: May 2, 2025
Last Revised Date: October 16, 2026
Expires: N/A

Standards: ASTM C518-21 *"Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus".*

Product: Cool Master Wall/Ceiling and Floor Insulated Metal Panels (IMP) for walk-in coolers and freezers of the following types:

- Cool Master Continuous Panel
- Cool Master Camlock Panel

Markings: Each panel is marked with a permanent label containing the following information:

a) Manufacturer's name or trademark
b) Product type
c) Production date
d) Panel thickness requirements
e) QAI file number: B1158-1
f) QAI logo with 'c' identifier

Models/Rating: Cool Master Continuous and Camlock IMPs have the following thermal resistivity and minimum thickness required for compliance with National Resources Canada (NRCan) Energy Efficiency Regulation requirements when evaluated per ASTM C518 for applications noted.

Model	Application	Thermal Resistivity m*K/W (hr*ft2*oF / BTU*in)	Minimum Panel Size	
			Thickness mm (inches)	Thermal Resistance m²·K/W (hr·ft²·°F/BTU)
Continuous Panel	Wall / Ceiling (Cooler) 12.8°C (55°F)	53.11 (7.66)	89 (3.5)	4.72 (26.81)
	Wall / Ceiling (Freezer) -6.7°C (20°F)	63.30 (9.13)	95 (3.75)	6.04 (34.24)
	Floor (Freezer) -6.7°C (20°F)	63.30 (9.13)	102 (4.0)	6.44 (36.52)
Camlock Panel	Wall / Ceiling (Cooler) 12.8°C (55°F)	50.14 (7.23)	89 (3.5)	4.45 (25.24)
	Wall / Ceiling (Freezer) -6.7°C (20°F)	56.34 (8.13)	102 (4.0)	5.71 (32.39)
	Floor (Freezer) -6.7°C (20°F)	56.34 (8.13)	102 (4.0)	5.71 (32.39)

Note 1: Evaluation was conducted in accordance with 10 CFR-2017, Part 431, Subpart R, Appendix B

Notes:

Products must be installed with the manufacturer's published installation instructions and in accordance with the building codes recognized by the authority having jurisdiction.

Listed manufacturers are subject to on-going inspections by QAI to ensure that the products outlined above remains as it is listed.

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