INTERMATIC®

Electromechanical Defrost Timer - ICUBE™ Adaptive Defrost Refrigeration Module with Sensor

Item DDFM

PRODUCT DESCRIPTION

For electric heat, hot gas or compressor shutdown defrost. The DTAV40 Series Auto Voltage Defrost Timer is applicable to air defrost (compressor shutdown) and electric or hot gas defrost systems where the defrost cycle is terminated by the timer. If the coil is frost-free, the timer can also be terminated by temperature or pressure switches before the programmed defrost termination time has been reached. The time termination functions as a fail-safe and terminates the defrost cycle if the temperature or pressure switch fails to do so.

FEATURES

► 1 evaporator sensor included, expandable up to four sensors (178GR10K-1)
► Initiates defrost, only when necessary at the next timer-programmed interval
► Sensor wiring can be expanded up to 400' through existing conduits to reach remote condensing units
► Comes with 10' sensor wire with thermistor and 6' input wire

APPLICATIONS

► Walk-in Refrigeration Cooler/Freezer

TECHNICAL DATA

General	
Model Number	DDFM
Description	ICUBE™ Adaptive Defrost Refrigeration Module with Sensor
UPC Code	078275148536
Brand	Domestic Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited

Control Specifications	
Maximum ON/OFF Times	23 hours, 45 min
Time Initiation	Temperature; Time
Mechanism Type	Digital/Electrical
Defrost LED Indicator	Blue
Diagnostics and Efficiency LED Indicator	Blue
Application Compatibilities	Commercial Refrigeration; Walk-in Cooler; Walk-in Freezer
Refrigeration LED Indicator	Blue

Mechanical Specifications	
Mounting Options	Bracket

Dimensions	
Product Dimensions (H x W x D) in	8 x 4.813 x 0.531 in
Wire Size Min	#24 AWG
Wire Size Max	#24 AWG
Thermistor Probe Wire Length	10 ft (3.05 m)
Connector Wire Length	6 ft (1.83 m)

Electrical Specifications	

Input Voltage Range(s)	120/240 VAC, 60 Hz
Thermistor Type	NTC
Thermistor Rating	10 K @ 25° C (77° F)

Packaging	
Shipping Weight (lbs)	0.45
Unit Carton Dimensions (H x W x L) in	8.5 x 2.25 x 5.25 in

Environmental Specifications	
Working Range	-40° F to 152° F (-40° C to 67° C)

Standards and Certifications	
RoHS Directive	2011/65/EU.
California Proposition 65	None
RoHS Certification	Y

ACCESSORIES

178GR10K-1

Additional Separate Sensor Accessory (for Multiple Evaporator Applications)