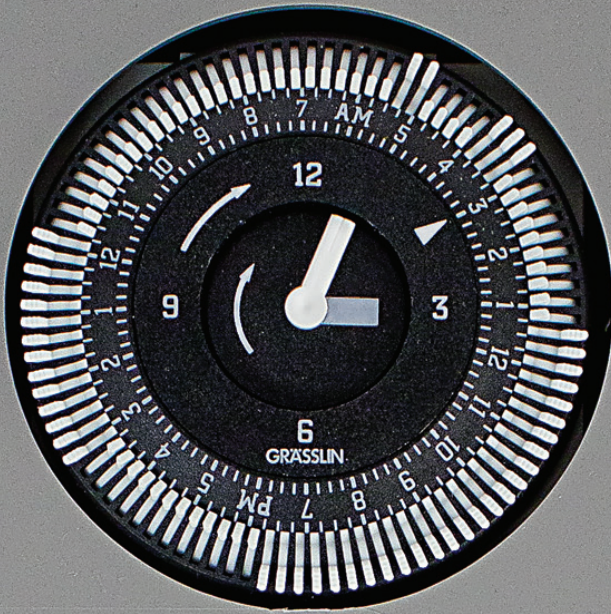




Auto-Voltage Defrost Timer



 REFRIGERATION

 DEFROST



GRASSLIN™
by **INTERMATIC®**



DTAV40

Auto-Voltage means ONE defrost timer is ALL YOU NEED!

Intermatic/Grässlin's Defrost controls just got even better!

The DTAV40 defrost control **automatically** selects the appropriate voltage between 120VAC and 240VAC without the use of a dip switch-selector pins.

- Reduce installation time
- No more voltage errors or returns
- Increase job site efficiency and safety
- Heavy-duty 40 Amp mechanical control
- Decrease the amount of SKUs to stock
- One unit covers all voltages between 120VAC and 240VAC

Application:

The DTAV40 is applicable to air defrost (compressor shutdown) and electric or hot gas defrost systems where the defrost is terminated by the timer or when the coil is frost free, as sensed by a temperature or pressure switch, even though the programmed defrost termination time has not been reached. The time termination functions as a fail-safe and will terminate the defrost cycle if the temperature or pressure switch fails to do so.

Universal Replacement Cross Reference

DTAV40 Replaces All These Models:

Paragon

9045-00	8043-00	8143-20	8046-20	8145-00	8041-00
9145-00	8045-00	8145-20	8047-20	8141-20	
8141-00	8046-00	8041-20	8245-20	8045-20	
8143-00	8047-00	8043-20	8243-20	8247-20	

SUPCO P/L

S804100	S804500	S814100	S814500
S804120	S804520	S814120	S814520

Precision

All 6000 series defrost timers

DTAV40 (24-Hour)

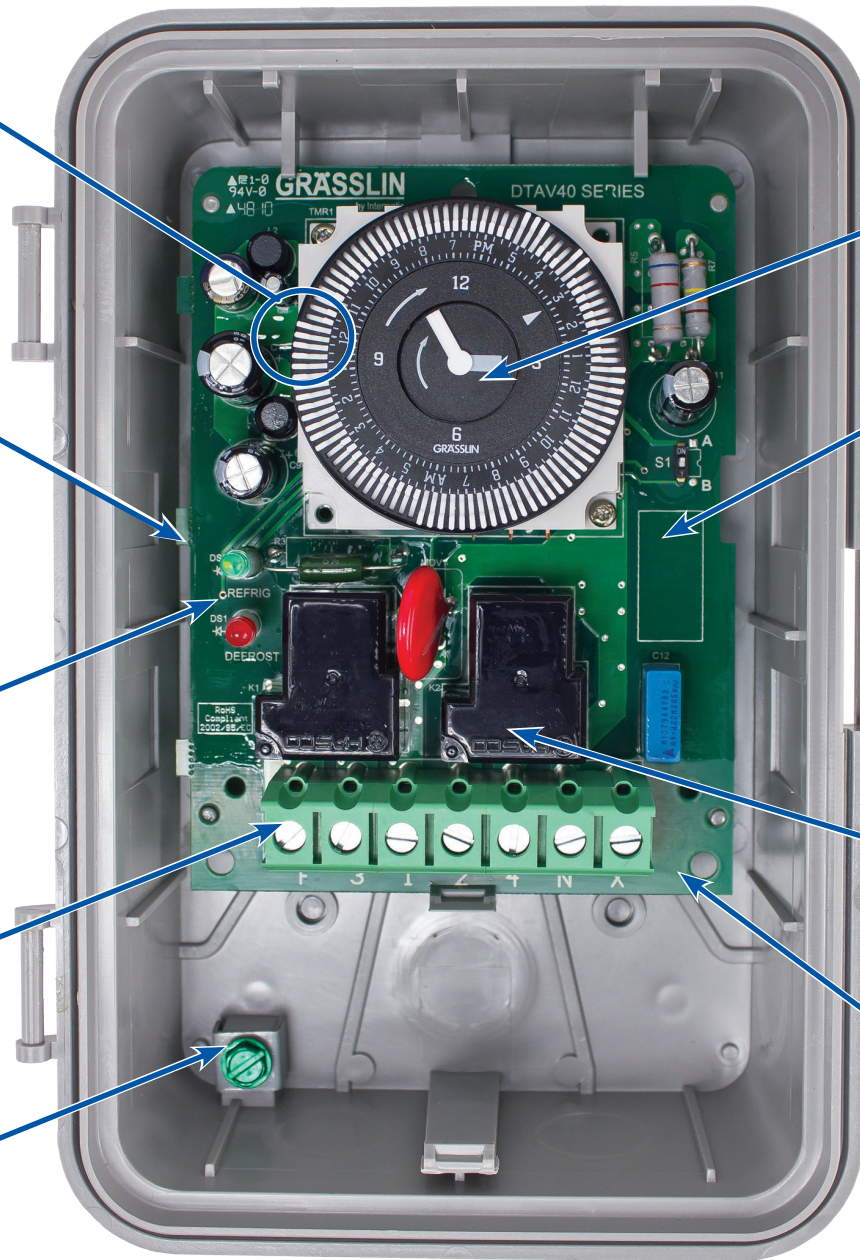
Captive trippers are independently adjustable to allow for full or partial defrost cycles at 15 minute intervals

No tools required!
Our "GUTS" simply snap into existing enclosures

Red and Green LEDs indicate refrigeration or defrost cycle

Large screw terminals for easy wiring #8AWG

Ground lug termination



Real-time clock face

No Dip Switch!
Auto-Voltage
(automatically detects voltage)
120VAC- 240VAC

Compact UL Type 3R
outdoor enclosure
with lockable hasp

40 AMP rated contacts

Moisture resistant
conformal coated board

DTAV40 120-240 Volts - 40 Amps

Time Initiated

Temperature, Pressure or Time Terminated



Specifier's Guide

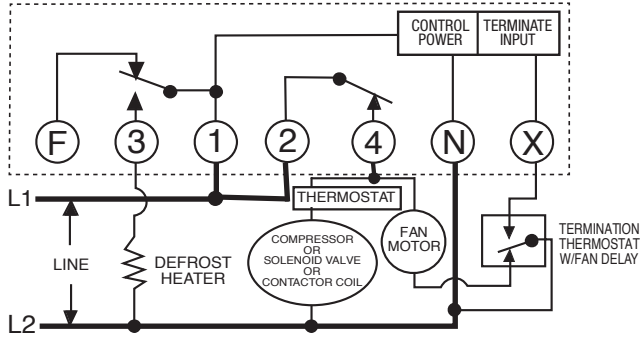
Furnish and install a Grässlin DTAV40 defrost control which automatically adjusts between 120 VAC and 240 VAC operation and shall have defrost initiation times settable to the quarter hour via captive trippers at 15 minute intervals. The defrost timer shall be housed in a NEMA 3R indoor/outdoor plastic enclosure. The relay output will be rated for 40 A Resistive, 2HP @ 240 VAC. Defrost termination to be by time (and by a remote temperature or pressure switch).

Specifications

Input Voltage:	Auto-Voltage 120-240 VAC, 60 Hz
Electrical Ratings:	40 Amp Resistive, 120-240 VAC 1 hp, 120 VAC 2 hp, 240 VAC
Operation Temp:	-40° to +104° F (-40° to +40° C)
Enclosure:	NEMA 3R, Raintight Plastic
Min ON/OFF:	15 minutes
Max ON/OFF:	23 hours, 45 min
Electrical Life:	50,000 Operations at full load
Dimensions:	8.795" x 6.631" x 2.935" (HxWxD)
Wire Size:	AWG #8
Shipping Weight:	3 lbs
Agency:	cULus

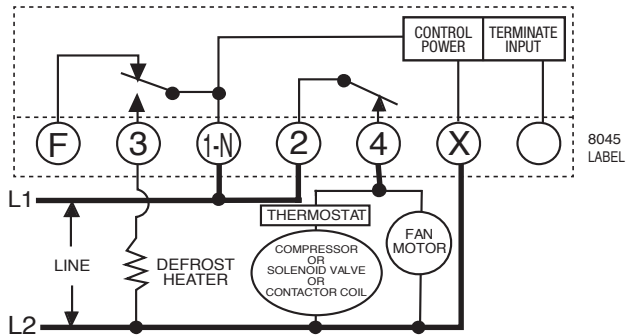
Commonly Used Wiring Diagrams

1 8145 Replacement Mode A - No Label Required

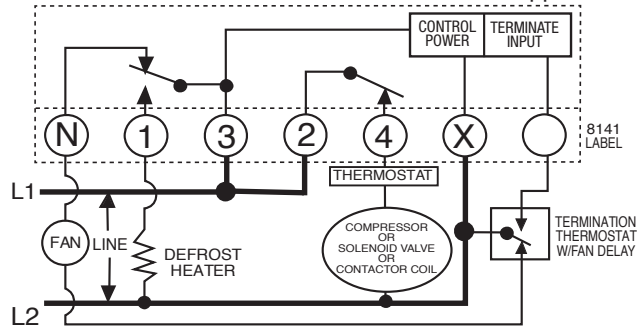


DEFAULT (Out of the Box)

2 8045 Replacement Mode A with 8045 Terminal Block Label Applied



3 8141 Replacement Mode A with 8141 Terminal Block Label Applied



DTAV40 Product Line

Intermatic SKU	Description	Enclosure	Time Switch features
DTAV40	40 Amp Auto Volt Defrost control with outdoor enclosure	NEMA 3R Raintight plastic	24-hour analog, Captive trippers, 15 minute switching intervals
DTAV40IM	40 Amp Auto Volt Defrost control with metal enclosure	NEMA 1 Metallic not raintight	24-hour analog, Captive trippers, 15 minute switching intervals
DTAV40M	40 Amp Auto Volt Defrost control mechanism only	None	24-hour analog, Captive trippers, 15 minute switching intervals
DTAV40Q	40 Amp Auto Volt Defrost control with outdoor enclosure and battery backup	NEMA 3R Raintight plastic	24-hour analog, Captive trippers, 15 minute switching intervals, Quartz battery backup
DT-B	Bracket Mount accessory (Non-metallic)	None	None