



Features

- Adjustable 30, 60, 90, and 120 minute timing sequences
- Speedup jumper for quicker testing and troubleshooting
- Brownout monitoring
- Microcontroller precision timing
- Time and temperature terminations
- Quiet Shift: Reduces noise disturbance when entering and exiting the defrost sequence (HK32EA003 & HK32EA008)
- 5 minute anti-short cycle delay (HK32EA003 & HK32EA008)
- Optional random start timer (HK32EA003 & HK32EA008)



Specifications

- **Voltage:** 18 to 30 VAC
- **Frequency:** 50/60 Hz
- **Power Consumption:** 1 Watt maximum
- **Current Draw:** 300mA maximum
- **Maximum Defrost Sequence:** 10 minutes

- **HK32EA001:**
 - **Speedup defrost timing sequence:**

Specified Time Interval	Speedup Equivalent Time Interval
10 minute maximum defrost	2.3 seconds
30 minute timing sequence	7 seconds
60 minute timing sequence	14 seconds
90 minute timing sequence	21 seconds
120 minute timing sequence	28 seconds

- **HK32EA003/HK32EA008:**
 - **Speedup defrost timing sequence:** 5 seconds (active upon release)
 - **ASC delay:** 5 minutes at startup and between heating calls
 - **Forced DFT sequence:** 30 seconds
 - **Random start timer:** 0-30 seconds
 - **Quiet shift compressor delay:** 30 seconds (HK32EA003), 70 seconds (HK32EA008)

Replaces

- Carrier HK32EA001, HK32EA003, HK32EA008 and comparable defrost control boards