



8045-00



8245-20

8000 Series - Electromechanical

The Paragon® 8000 Series Commercial Defrost Controls are designed for commercial freezers and refrigerators to provide automatic defrost capability. They accommodate various types of defrost systems including electric defrost heaters, hot gas, and compressor off cycle.

Features and Benefits

- Time initiated; temperature, pressure or time terminated models available
- High-amp switch contacts: 40 Amps, 2 HP
- Positive slider bar switch design assures positive electrical contact and wipes the contact surface of contaminants
- Temperature or pressure terminated models are designed for defrost termination using an external temperature or pressure device
- Safety back-up – mechanical time-driven defrost termination
- Heavy-duty synchronous design drive motor
- Choice of three contact arrangements
- Adjustable frequency of defrost initiation from 1 to 6 cycles per day with a minimum of 4 hours between successive operations
- Adjustable back-up defrost termination from 4 to 110 minutes in 2 minute increments
- Heavy-duty steel enclosure with knockouts (on the bottom, back and sides) and hasp and staple padlock
- All 8240 models have an adjustable cut-in pressure dial calibrated from 36-110 pounds for R12, R22, R502

Specifications

Part Numbers	Description	Switch Arrangement Contacts 2-4	Switch Arrangement Contacts 1-3	Switch Arrangement Contacts 3-N	Termination Type	Electrical Rating
8025-00	Adjustable Cycle, Time Initiated, Time Terminated	NA	NA	NA	Time	120V AC, 60 Hz, 2 HP
8025-20	Adjustable Cycle, Time Initiated, Time Terminated	NA	NA	NA	Time	208-240V AC, 60 Hz, 2 HP
8041-00	Electric Heat	Closed	Open	Closed	Time	120V AC, 60 Hz
8041-20	Electric Heat Defrosting	Closed	Open	Closed	Time	208-240V AC, 60 Hz 208-240V AC, 50 Hz
8045-00	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Time	120V AC, 60 Hz
8045-20	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Time	208-240V AC, 60 Hz
8045-21	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Time	208-240V AC, 50 Hz
8047-00	Electric Heat Defrosting	Open	Open	Closed	Time	120V AC, 60 Hz
8047-20	Electric Heat Defrosting	Open	Open	Closed	Time	208-240V AC, 60 Hz 208-240V AC, 50 Hz
8141-00	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	Closed	Temperature or Pressure	120V AC, 60 Hz
8141-20	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	Closed	Temperature or Pressure	208-240V AC, 60 Hz
8143-00	Electric Heat, Hot Gas or Compressor Shutdown	Open	Closed	Open	Temperature or Pressure	120V AC, 60 Hz
8143-20	Electric Heat, Hot Gas or Compressor Shutdown	Open	Closed	Open	Temperature or Pressure	208-240V AC, 60 Hz
8145-00	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Temperature or Pressure	120V AC, 60 Hz
8145-20	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Temperature or Pressure	208-240V AC, 60 Hz
8145-20B	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Temperature or Pressure	208-240V AC, 60 Hz
8145-20M	Mechanism only, Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Temperature or Pressure	208-240V AC, 60 Hz
8145-21	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Temperature or Pressure	208-240V AC, 50 Hz
8245-20	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Pressure	208-240V AC, 60 Hz
8245-21	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Pressure	208-240V AC, 50 Hz
8247-20	Electric Heat, Hot Gas or Compressor Shutdown	Open	Open	Closed	Temperature or Pressure	208-240V AC, 60 Hz
E357-00	Electric Heat, Hot Gas or Compressor Shutdown	Closed	Open	None	Temperature or Pressure	120V AC, 60 Hz