

ST9103 Electronic Fan Timers



ST9103A integrates control of burner and circulating fan operations in an oil furnace. Two speed circulator for oil appliances. Isolated line voltage limit interface and isolated relay connection to oil primary.

- Central appliance wiring point simplifies service
- Oil burner primary control
- Fixed or field-adjustable heat fan on delay
- Field adjustable heat fan off delay
- Controls two speed circulating fan

Application: A single circuit board providing combustion air blower control, two speed circulating air blower control, oil primary control, limit circuit inputs, thermostat wiring terminations, & a central appliance wiring point for an oil fixed furnace.

Electrical Ratings: 18 to 30 Vac

Frequency: 50 Hz; 60 Hz

Approvals, Underwriters Laboratories Inc: Listed: Report MP466

Approvals, CSA: Certified: File No. LR95329-17

Material Number	Heat Fan On Delay	Heat Fan Off Delay	Cool Fan On Delay	Cool Fan Off Delay	Ambient Temperature Range	Replaces
ST9103A1002/U	fixed, 45 sec	adj. 60, 90, 120, 150 sec (set at 150 sec)	fixed 0 sec	fixed 0 sec	-40°F to +150°F (-40°C to +66°C)	ST9103A1002

ST9120 Universal Electronic Fan Timers



Universal electronic fan control for gas furnaces, replaces multiple Honeywell models. Includes instructions and special wire harnesses for easy replacement.

- Replaces 40+ existing Honeywell electronic fan timers
- Instruction sheet supplies full cross reference and wiring guide
- Interface harnesses for simple conversion
- Integrates control of all combustion blower and circulating fan operations in gas warm-air appliance
- Replaceable fuse
- DIP switch selectable heat and cool delay on and off times
- LED lights for easy diagnostics
- Electronic air cleaner and humidifier terminal connections
- Continuous low speed indoor air circulation

Application: Integrates control of combustion blower and circulating fan operations for a gas warm air appliance

Electrical Ratings: 18 to 30 Vac

Frequency: 50 Hz; 60 Hz

Approvals, Underwriters Laboratories Inc: Listed: Report MP466

Approvals, CSA: Certified: File No. LR95329-17

Tradeline Value: Universal

Material Number	Heat Fan On Delay	Heat Fan Off Delay	Cool Fan On Delay	Cool Fan Off Delay	Ambient Temperature Range	Replaces
ST9120U1011/U	adj. 30, 60 sec (set at 30 sec)	adj. 60, 120, 150, 180 sec (set at 120 sec)	adj. 4, 30 sec (set at 4 sec)	adj. 30, 60 sec (set at 30 sec)	-40°F to +175°F (-40°C to +79°C)	all ST9101's, all ST9120's, all ST9141's, and all ST9160's