

## Product Sheet - Model 7559

### Product Description

The Beckett GeniSys™ 24V Advanced Burner Control is a 24 Vdc primary safety control for oil burners used on pressure washers, road strippers, crack sealers, hot patchers, and asphalt distributors, to name a few examples. The GeniSys 24V is used with a suitable cad cell flame sensor to control the oil burner motor, igniter, and optional solenoid valve. It can provide interrupted or intermittent duty ignition, and it has a 15-second lockout time.

### Features & Benefits

- **\*New Feature\*** Programmable valve-on delay and motor-off delay provides chamber cooling after call for heat.
- Welded relay protection with redundant motor relays
- High ambient temperature rating
- Alarm output enables visual or audio indication of flame failure & lock out condition
- Interrupted Ignition
- Relight function
- Fused protection



### Electrical Ratings

#### Inputs

Voltage: 24 Vdc nominal (21.6 to 30 Vdc)  
Current: 220 mA plus burner motor, igniter, and valve loads

#### Outputs

Motor: 24 Vdc, 10 full load amps (FLA), 50 locked rotor amps (LRA)  
Igniter: 24 Vdc, 3 A  
Solenoid Valve: 24 Vdc, 1 A  
Lockout Alarm: 24 Vdc, 1 A

#### Environmental Ratings

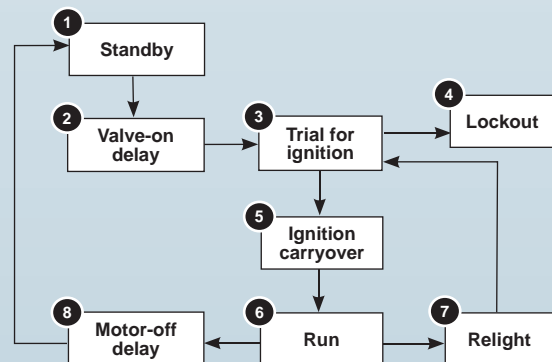
Storage & Operating Ambient Temp.: -40°F to +160°F (-40°C to +71°C)  
Moisture: 5 to 95% RH, condensing

### Model Guide

Beckett GeniSys Control Part No.	Lockout Time	Valve-on delay time <sup>1</sup>	Motor-off delay time <sup>1</sup>
7559A 0000	15 sec	-	-
7559P 1530	15 sec	15 sec	30 sec
7559P 152M	15 sec	15 sec	2 min
7559P 158M	15 sec	15 sec	8 min

1) Valve-on delay and motor-off delay timings on all models are programmable with Beckett Contractor Tool.

### Sequence of Operation



To learn more, ask for literature pt. no. 61765