

## Product Sheet - Model 7556

### Product Description

The Beckett GeniSys® 12V Advanced Burner Control is a 12 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® 12V 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.
- Epoxy Potted for moisture resistance
- 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: 12 Vdc nominal (11 to 16 Vdc)  
Current: 160 mA plus burner motor, igniter, and valve loads

#### Outputs

Motor: 12 Vdc, 20 full load amps (FLA), 100 locked rotor amps (LRA)  
Igniter: 12 Vdc, 5 A  
Solenoid Valve: 12 Vdc, 2 A  
Lockout Alarm: 12 Vdc, 2 A

#### Environmental Ratings

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

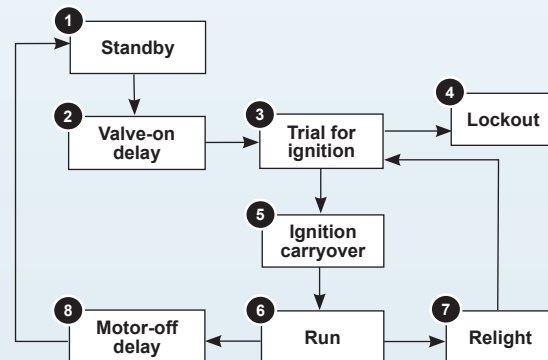
### Model Guide

Beckett GeniSys Control Part No.	Lockout Time	Valve-on delay time <sup>1</sup>	Motor-off delay time <sup>1</sup>
7556A 0000 <sup>1</sup>	15 sec	-	-
7556P 1530 <sup>1</sup>	15 sec	15 sec	30 sec
7556P 151M <sup>1</sup>	15 sec	15 sec	1 min
7556P 152M <sup>1</sup>	15 sec	15 sec	2 min
7556P 158M <sup>1</sup>	15 sec	15 sec	8 min

1) Replaces the Beckett 7434 control.

2) 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. 61703