

POWERLIGHT®

240V IGNITER

PRODUCT SHEET

Features & Benefits

- **UL recognized in the US and Canada**
- **Potted in epoxy**
- **Case material resists moisture**
- **Small size and weight (less than 1 lb.)**
- **Higher output voltage for more reliable ignition, especially with cold oil.**

Product Description

The Beckett Powerlight is an interrupted or continuous duty electronic igniter for residential and light commercial oil burners and may be used in various applications, including pressure washers. The circuitry is potted for resistance to the environment and long service life. Its plastic enclosure mounts on multiple baseplates and connects to the burner electrode assembly through a variety of connectors.

Functionality

- 20kV peak rating guarantees quick and efficient ignition
- Weighs less than 1 lb. versus an 8 lb. iron core transformer, making shipping and installation easier
- A vacuum encapsulation process, using epoxy, provides resistance to moisture, excellent heat dissipation and electrical insulation
- Case material is high-temperature thermoplastic that provides high impact strength, scratch resistance, impenetrable to oil and most chemicals
- Adapts to multiple baseplates - making it the most versatile unit on the market.
- Epoxy potting will not shrink or crack like tar-filled transformers

5250005U -
Igniter Only



Available Igniters



5250001U -
Beckett AF/AFG

5250002U -
Beckett SF/SM,
CF500, CF800



5250003U -
Wayne MSR

5250004U -
Wayne EH/
EHASR

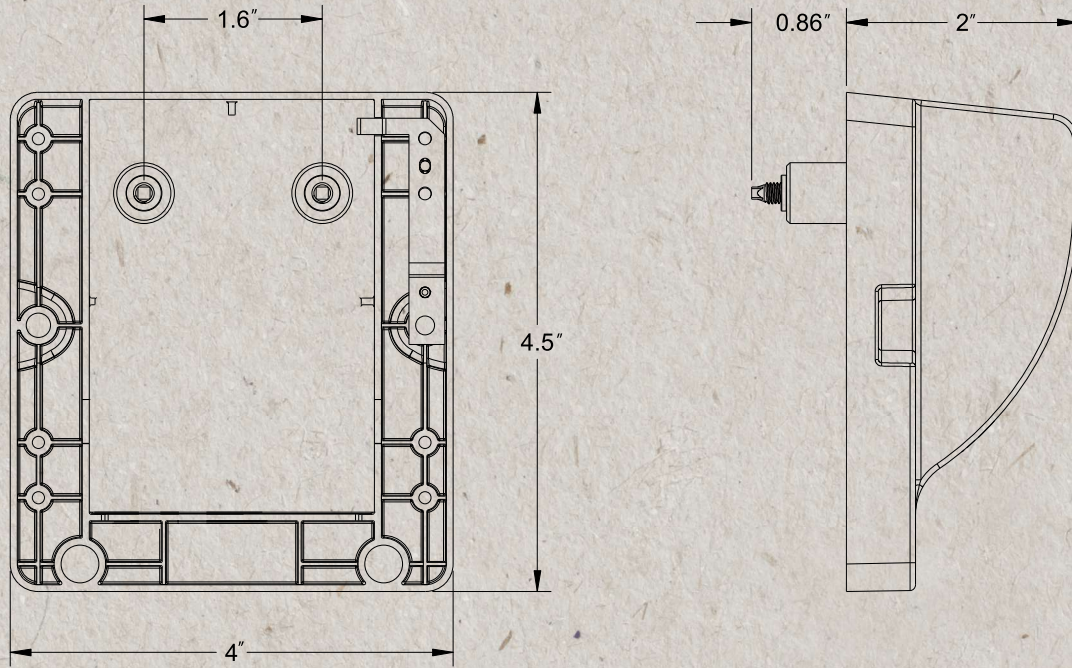


Beckett®

POWERLIGHT® 240V IGNITER

Product Dimensions

Weight:
Less than 1 lb.



Ordering Information

| Igniter | Description | Replaces |
|----------|-------------------------------------|----------|
| 5250001U | Beckett AF/AFG Housing | 5199701U |
| 5250002U | Beckett SF/SM, CF500, CF800 Housing | 5199702U |
| 5250003U | Wayne MSR | 5199707U |
| 5250004U | Wayne EH/EHASR | 5199708U |
| 5250005U | Igniter only | 5199706U |

Igniter Baseplate Kits

(includes 1 baseplate, hardware and instructions)

| Part Number | Description |
|-------------|-------------------|
| 51830U | Beckett A Housing |
| 51831U | Beckett S Housing |
| 51833U | Wayne E |
| 51829U | Wayne M |

Product Specifications

Input Voltage:
208-240VAC, 50/60Hz, 21.6VA

Output Voltage: 20kV peak

Output Current: 25 mA RMS

Ambient Operating Temperature:
-40°F (-40°C) to 150°F (66°C)

Storage Temperature:
-40°F (-40°C) to 150°F (66°C)

Moisture: 5 to 95% Relative Humidity

USA: **R.W. Beckett Corporation**, 1-800-645-2876
Canada: **R.W. Beckett Canada Ltd**, 1-800-665-6972

www.beckettcorp.com Form No. 62245-003, R0

This document and all information contained herein are the sole property of the R.W. Beckett Corporation and cannot be reproduced or transmitted in whole or part without express written permission of the R.W. Beckett Corporation.

Beckett®