

# DECLARATION OF PERFORMANCE

No: DOP-01-ENG-EB16HE-INSET-G5

Issued at Arada Ltd on 19th Of September 2016



## PRODUCT

<b>Type</b>	Inset Boiler stove lit with solid biofuels
<b>Designated Name</b>	Stratford Ecoboiler 16 High Efficiency Inset—Generation 5
<b>Manufacturing Code</b>	EB16HE-INSET-G5
<b>Intended area of use</b>	Heating of room and water in a residential building
<b>Fuel</b>	Smokeless solid fuels

## MANUFACTURER

<b>Name</b>	Arada Ltd
<b>Address</b>	The Fireworks Weycroft Avenue Axminster Devon EX13 5HU

## CHECKS

<b>According to AVCP</b>	System 3
<b>European standard</b>	BS EN 13229:2001 + Amd 2:2004
<b>Test institute</b>	Kiwa GASTEC
<b>Test report</b>	60240

## DECLARED PERFORMANCE

Essential characteristics	Performance	Harmonised technical specification
Minimum distance to combustible material	Top = 100 mm Sides = 75 mm	BS EN 13229:2001 + Amd 2:2004
CO at 13% O <sub>2</sub>	0.92 %	
Total Nominal Output	21.4 Kw (Output to water—16.1 Kw) (Output to space—5.3 Kw)	
Efficiency	71.5 %	
Flue gas temperature	500 °C	

Signed for and on behalf of Arada Ltd by:

**Mark Brettell (Commercial Director)**

*Mark Brettell*

