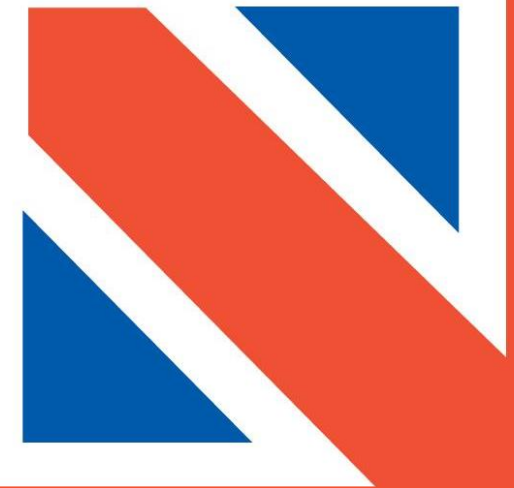


ErP: An Installers Guide

Understanding & complying with ErP Directives for
Ground Source Heat Pumps



Britain's No. 1 manufacturer & supplier of ground source heat pumps



Chapter 4:

System handover:

What installers need to provide to the customer

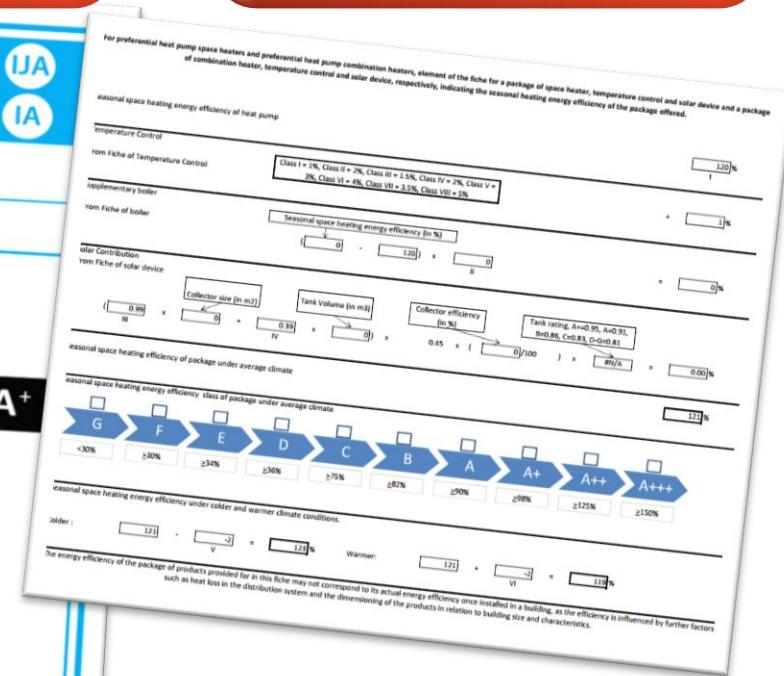
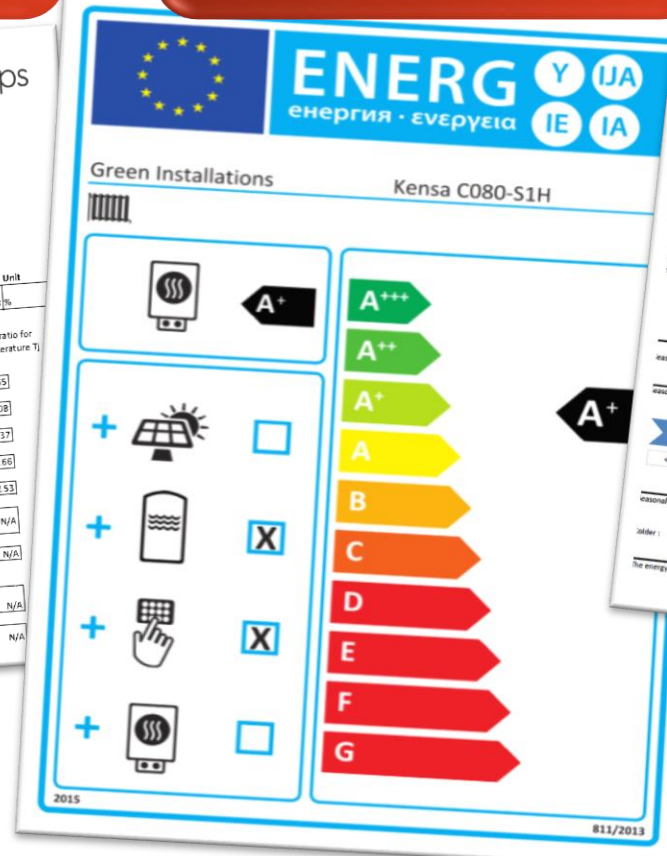
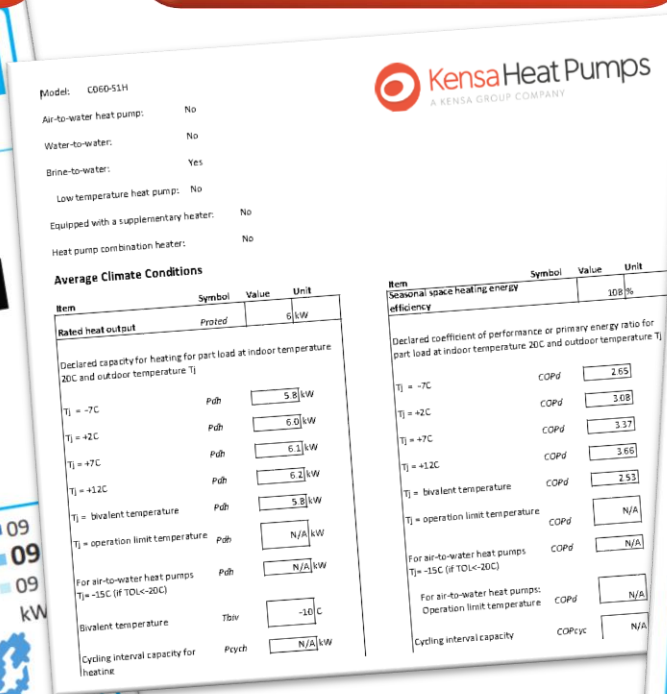
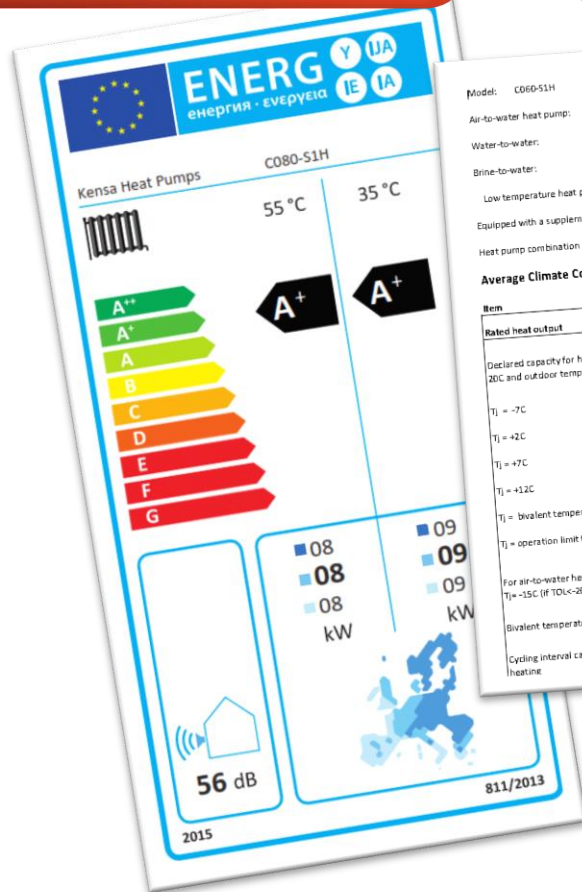
System handover: What to give the customer

Product label

Product fiche

Package label

Package fiche





ErP & the RHI:

How it affects customers

ErP & the RHI: Pre September 25th process

- Currently to determine RHI payments a seasonal performance factor (SPF) is calculated from the Heat Emitter Guide (HEG).
- This is dependant on flow temperature.
- The SPF of 3.7 is then used to calculate the clients' RHI payments.

GUIDANCE TABLE

Temperature Star Rating	Heating circuit flow temperature °C	Likely space heating SPF		Oversize Factors for other emitters			Underfloor heating: screed			Underfloor heating: Aluminium panel		
		GSHP	ASHP	Domestic Fan Convactor/Fan-assisted Radiator	Standard Radiator	Fan Coil Unit	with TILE	with WOOD	with CARPET	with TILE	with WOOD	with CARPET
★★★★★★	35	4.3	3.6	4.3	6.8	5.0	PS≤300	PS≤300	PS≤200	PS≤200	PS≤200	PS≤150
★★★★★☆	40	4.1	3.4	3.1	4.3	3.5	PS≤300	PS≤300	PS≤300	PS≤300	PS≤300	PS≤200
★★★★☆☆	45	3.7	3	2.4	3.1	2.6	PS≤300	PS≤300	PS≤300	PS≤300	PS≤300	PS≤300
★★★☆☆☆	50	3	2.7	2.0	2.4	2.1	PS≤300	PS≤300	PS≤300	PS≤300	PS≤300	PS≤300
★★★☆☆☆	55	3.1	2.4	1.7	1.9	1.7	PS≤300	PS≤300	PS≤300	PS≤300	PS≤300	PS≤300
★★★☆☆☆	60	2.8	2.1	1.4	1.6	1.5	PS≤300	PS≤300	PS≤300	PS≤300	PS≤300	PS≤300

Heat Pump flow temp 45°C

SPF of 3.7

ErP & the RHI: SSCOP

- From 26th September 2015 Ofgem will begin to phase out use of the Heat Emitter Guide (HEG) in favour of the System Seasonal Coefficient of Performance (SSCOP) value as determined by ErP data.
- However the SSCOP will still be required at the heat pump flow temperature and will be product dependant and available from the Gemserv website: www.microgenerationcertification.org
- The HEG value can be used until the 26th March 2016. Kensa recommends you continue to use the HEG up until this point.

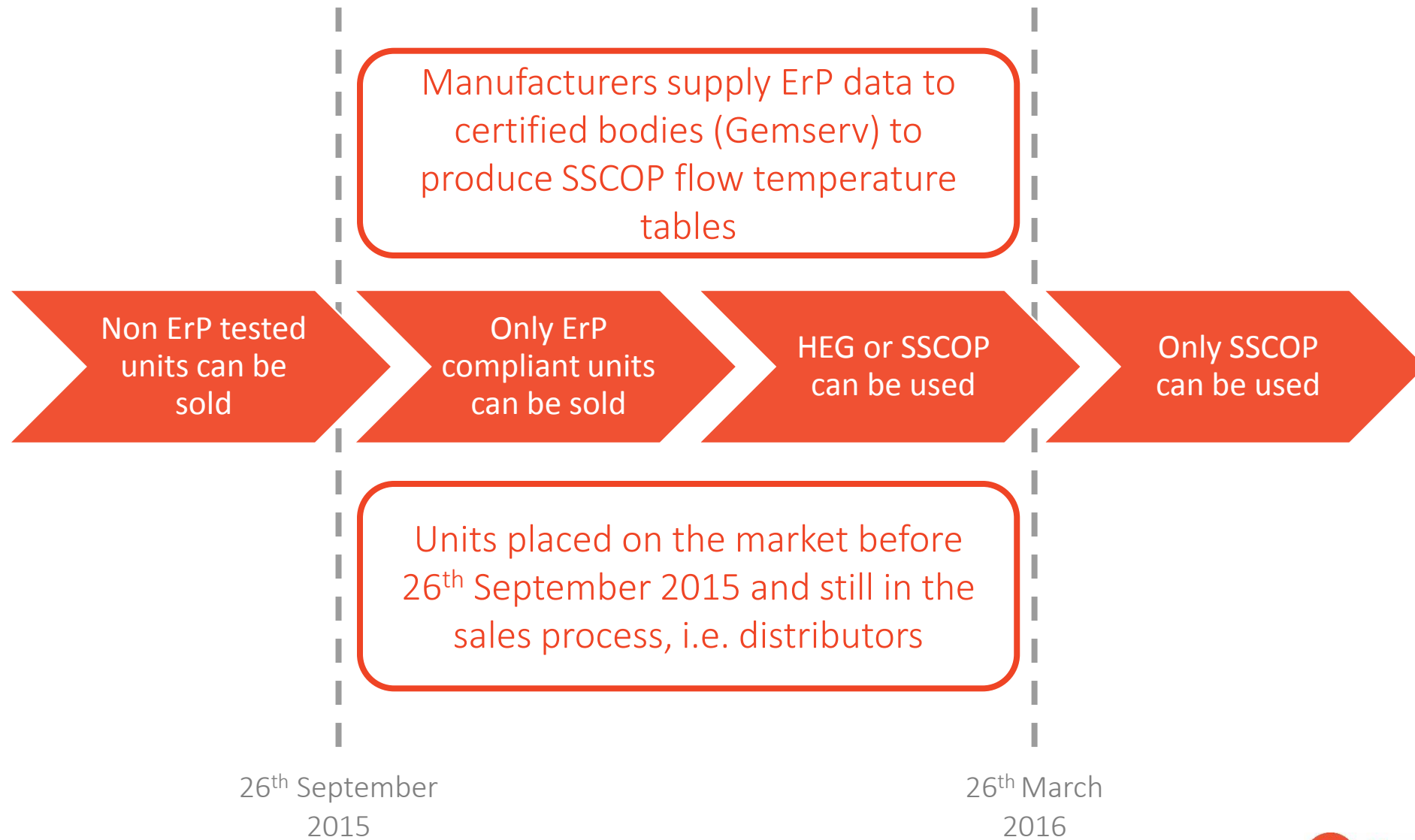
ErP & the RHI: SSCOP

System Design Flow Temperature	45
System Seasonal Coefficient of Performance	3.51

Flow Temperature	System SCOP
35	3.77
36	3.74
37	3.72
38	3.69
39	3.67
40	3.64
41	3.61
42	3.59
43	3.56
44	3.54
45	3.51
46	3.48
47	3.45
48	3.43
49	3.40
50	3.37
51	3.34
52	3.31
53	3.29
54	3.26
55	3.23
56	HP Not suitable for this temperature

- SSCOP values are available on the Gemserv website:
www.microgenerationcertification.org
- The SSCOP values are based on manufacturers' ERP test data.
- The SSCOP will be used to determine payments for the RHI.
- The SSCOP will also be entered on the compliance certificate.

ErP & the RHI: Timeline



ErP & the RHI: Key dates

- From the 26th September 2015 to the 26th March 2016 either the HEG SPF or Gemserv system seasonal heating energy efficiency figure can be used.
- After the 26th March 2016 only the Gemserv system seasonal heating energy efficiency figure will be accepted by Ofgem for the RHI.



Further reading:

Kensa resources to support you with being ErP compliant

Further resources

Business Support

ErP Support





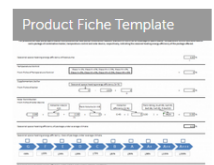





Access Kensa's Installer ErP resource at:

www.kensaheatpumps.com/installer-portal/business-support/erp-support/

The below resources will help you with ErP compliance.

Got a question? Call 0845 680 4328

<p>ErP Video Guides</p> 	<p>ErP PDF Guides</p> 	<p>ErP Factsheets</p> 	<p>Further Reading</p> 
<p>Product Fiche Template</p> 	<p>Package Label Template</p> 	<p>ErP Products Price List</p> 	<p>Kensa ErP Logo</p> 

Further resources

Contact Kensa

Call: 0845 680 4328

Visit: www.kensaheatpumps.com/installer-portal/business-support/erp-support/

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