

ECODESIGN DIRECTIVE

European Energy Related Products Directive (ERP)

As part of the Ecodesign Directive, the ERP comes into effect in Sept. 2015. The overall objective is to reduce carbon emissions, restrict other environmental impacts and encourage the development of products which will increase energy efficiencies.

The ERP has set minimum standards to be achieved for boilers and as such, some products will no longer be available for installation after this time. The products which reach the accepted criteria, will be subject to a new labelling system, examples of which are shown below.

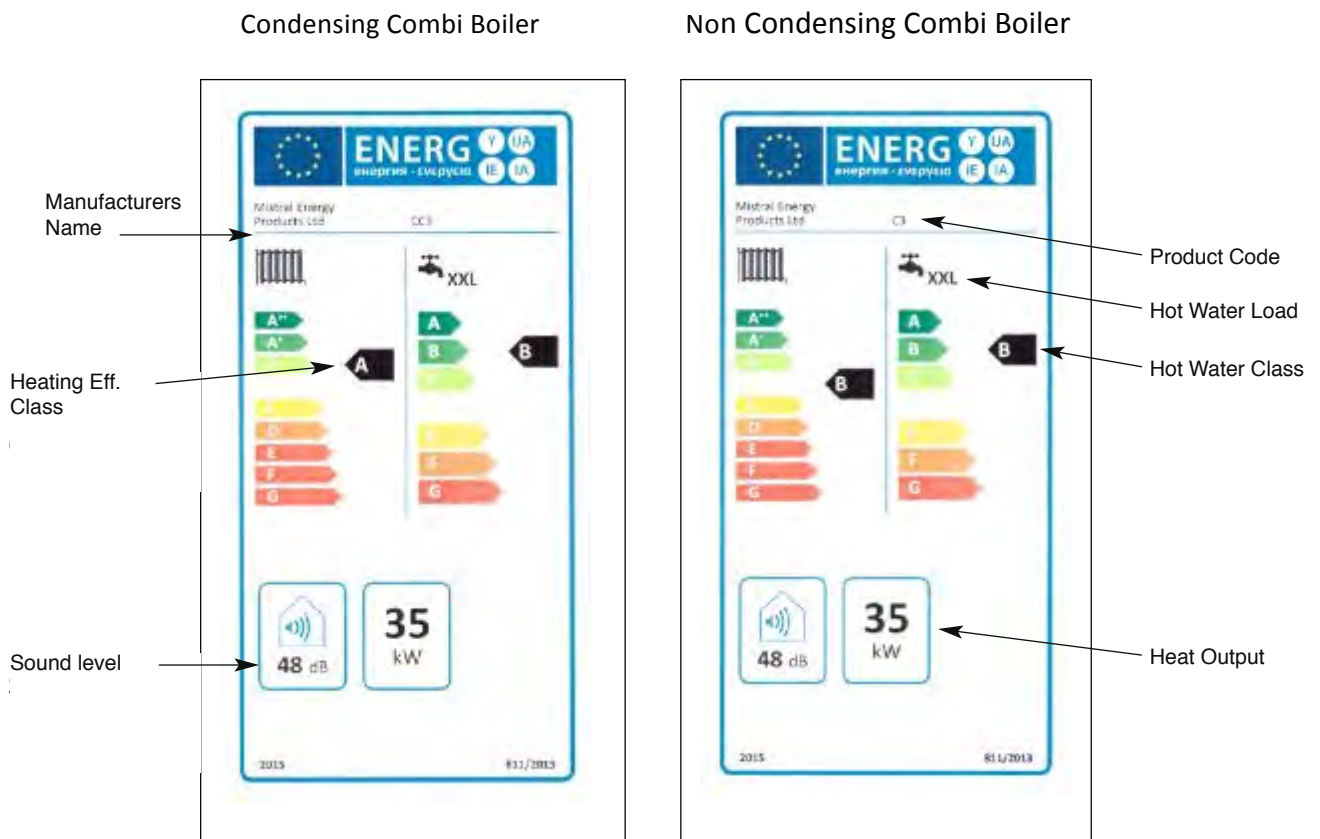
The new Energy Label will accompany the boiler, however, if it is to be part of a greater system containing different products, an overall Package label will be supplied which shows a combined system efficiency. This may be supplied by either the merchant or the installer and is known as a Product Fiche.

The Label will contain certain information relating to the specific product, such as the Manufacturers name, product code, power output, noise level.

The other important information contained within the label is the following symbols ;

- 1/ Radiator – refers to Heating and the letter “A” denotes the Efficiency Class
- 2/ Tap – refers to Domestic Hot Water and the letter “B” is the Efficiency Class

On a Heat only boiler only the radiator will be seen, whereas both items will be shown on a Combi. Both examples below show a Condensing and a Non Condensing Boiler and the different Classes they will be categorised in.



MISTRAL ENERGY PRODUCTS LTD.

CONDENSING				Rated Heat	ERP Seasonal Efficiency	Hot Water Efficiency	Hot Water Load	Annual Energy Consumption	
MODEL	Code	ERP Class	ERP Class	Output				kw / h	Sound
		Hot Water	Heat only	P rated	Ns	Nwh		Qhe	LWA
					%				Dbl.
KITCHEN UTILITY									
CKUT1	15/20		A	20	93.00			/	46.00
CKUT2	20/26		A	26	93.00			/	46.00
CKUT3	26/35		A	35	93.00			/	48.00
CKUT4	35/41		A	41	93.00			/	48.00
CKUT5	41/50		A	50	91.00			/	48.00
CKUT6	50/58		A	58	91.00			/	48.00
CKUT7	58/70		A	70	91.00			/	48.00
SEALED SYSTEM									
CS1	15/20		A	20	93.00			/	46.00
CS2	20/26		A	26	93.00			/	46.00
CS3	26/35		A	35	93.00			/	48.00
CS4	35/41		A	41	93.00			/	48.00
COMBI STD									
CC1	15/20	B	A	20	93.00	75.00	XL	/	46.00
CC2	20/26	B	A	26	93.00	76.00	XL	/	46.00
CC3	26/35	B	A	35	93.00	77.00	XXL	/	48.00
CC4	35/41	B	A	41	93.00	77.00	XXL	/	48.00
CMC5	41/50	B	A	50	91.00	73.00	XXL	/	48.00
CMC6	50/58	B	A	58	91.00	74.00	XXL	/	48.00
CMC7	58/70	B	A	70	91.00	74.00	XXL	/	48.00
COMBI PLUS									
CC1 +	15/20	B	A	20	93.00	75.00	XL	/	46.00
CC2 +	20/26	B	A	26	93.00	76.00	XL	/	46.00
CC3 +	26/35	B	A	35	93.00	77.00	XXL	/	48.00
CC4 +	35/41	B	A	41	93.00	77.00	XXL	/	48.00
CMC5 +	41/50	B	A	50	91.00	73.00	XXL	/	48.00
CMC6 +	50/58	B	A	58	91.00	74.00	XXL	/	48.00
CMC7 +	58/70	B	A	70	91.00	74.00	XXL	/	48.00
BOILER HOUSE									
CBH1	15/20		A	20	93.00			/	46.00
CBH2	20/26		A	26	93.00			/	46.00
CBH3	26/35		A	35	93.00			/	48.00
CBH4	35/41		A	41	93.00			/	48.00
CBH5	41/50		A	50	91.00			/	48.00
CBH6	50/58		A	58	91.00			/	48.00
CBH7	58/70		A	70	91.00			/	48.00
O/D UTILITY									
COD1	15/20		A	20	93.00			/	46.00
COD2	20/26		A	26	93.00			/	46.00
COD3	26/35		A	35	93.00			/	48.00
COD4	35/41		A	41	93.00			/	48.00
COD5	41/50		A	50	91.00			/	48.00
COD6	50/58		A	58	91.00			/	48.00
COD7	58/70		A	70	91.00			/	48.00
O/D SYSTEM									
COD SS1	15/20		A	20	93.00			/	46.00
COD SS2	20/26		A	26	93.00			/	46.00
COD SS3	26/35		A	35	93.00			/	48.00
COD SS4	35/41		A	41	93.00			/	48.00
O/D COMBI STD									
CODC1	15/20	B	A	20	93.00	75.00	XL	/	46.00
CODC2	20/26	B	A	26	93.00	76.00	XL	/	46.00
CODC3	26/35	B	A	35	93.00	77.00	XXL	/	48.00
CODC4	35/41	B	A	41	93.00	77.00	XXL	/	48.00
CODMC5	41/50	B	A	50	91.00	73.00	XXL	/	48.00
CODMC6	50/58	B	A	58	91.00	74.00	XXL	/	48.00
CODMC7	58/70	B	A	70	91.00	74.00	XXL	/	48.00
O/D COMBI PLUS									
CODC1 +	15/20	B	A	20	93.00	75.00	XL	/	46.00
CODC2 +	20/26	B	A	26	93.00	76.00	XL	/	46.00
CODC3 +	26/35	B	A	35	93.00	77.00	XXL	/	48.00
CODC4 +	35/41	B	A	41	93.00	77.00	XXL	/	48.00
CODMC5 +	41/50	B	A	50	91.00	73.00	XXL	/	48.00
CODMC6 +	50/58	B	A	58	91.00	74.00	XXL	/	48.00
CODMC7 +	58/70	B	A	70	91.00	74.00	XXL	/	48.00

MISTRAL ENERGY PRODUCTS LTD.

NON CONDENSING					ERP Seasonal Efficiency	Hot Water Efficiency	Hot Water Load	Annual Energy Consumption	Sound	
MODEL	Code	ERP Class	Rated Heat		Output	Ns	Nwh	Qhe	LWA	
			Hot Water	Heat only						P rated
KITCHEN UTILITY										
KUT1	15/20		B		20	87.00		/	46.00	
KUT2	20/26		B		26	87.00		/	46.00	
KUT3	26/35		B		35	87.00		/	48.00	
KUT4	35/41		B		41	87.00		/	48.00	
KUT5	41/50		B		50	86.00		/	48.00	
KUT6	50/58		B		58	86.00		/	48.00	
KUT7	58/70		B		70	86.00		/	48.00	
SEALED SYSTEM										
S1	15/20		B		20	87.00		/	46.00	
S2	20/26		B		26	87.00		/	46.00	
S3	26/35		B		35	87.00		/	48.00	
S4	35/41		B		41	87.00		/	48.00	
COMBI STD										
C1	15/20	B	B		20	87.00	65.00	XL	/	46.00
C2	20/26	B	B		26	87.00	66.00	XL	/	46.00
C3	26/35	B	B		35	87.00	67.00	XXL	/	48.00
C4	35/41	B	B		41	87.00	67.00	XXL	/	48.00
MC5	41/50	B	B		50	86.00	63.00	XXL	/	48.00
MC6	50/58	B	B		58	86.00	65.00	XXL	/	48.00
MC7	58/70	B	B		70	86.00	65.00	XXL	/	48.00
COMBI PLUS										
C1 +	15/20	B	B		20	87.00	65.00	XL	/	46.00
C2 +	20/26	B	B		26	87.00	66.00	XL	/	46.00
C3 +	26/35	B	B		35	87.00	67.00	XXL	/	48.00
C4 +	35/41	B	B		41	87.00	67.00	XXL	/	48.00
MC5 +	41/50	B	B		50	86.00	63.00	XXL	/	48.00
MC6 +	50/58	B	B		58	86.00	65.00	XXL	/	48.00
MC7 +	58/70	B	B		70	86.00	65.00	XXL	/	48.00
BOILER HOUSE										
BH1	15/20		B		20	87.00		/	46.00	
BH2	20/26		B		26	87.00		/	46.00	
BH3	26/35		B		35	87.00		/	48.00	
BH4	35/41		B		41	87.00		/	48.00	
BH5	41/50		B		50	86.00		/	48.00	
BH6	50/58		B		58	86.00		/	48.00	
BH7	58/70		B		70	86.00		/	48.00	
O/D UTILITY										
OD1	15/20		B		20	87.00		/	46.00	
OD2	20/26		B		26	87.00		/	46.00	
OD3	26/35		B		35	87.00		/	48.00	
OD4	35/41		B		41	87.00		/	48.00	
OD5	41/50		B		50	86.00		/	48.00	
OD6	50/58		B		58	86.00		/	48.00	
OD7	58/70		B		70	86.00		/	48.00	
O/D SYSTEM										
OD SS1	15/20		B		20	87.00		/	46.00	
OD SS2	20/26		B		26	87.00		/	46.00	
OD SS3	26/35		B		35	87.00		/	48.00	
OD SS4	35/41		B		41	87.00		/	48.00	
O/D COMBI STD										
ODC1	15/20	B	B		20	87.00	65.00	XL	/	46.00
ODC2	20/26	B	B		26	87.00	66.00	XL	/	46.00
ODC3	26/35	B	B		35	87.00	67.00	XXL	/	48.00
ODC4	35/41	B	B		41	87.00	67.00	XXL	/	48.00
ODMC5	41/50	B	B		50	86.00	63.00	XXL	/	48.00
ODMC6	50/58	B	B		58	86.00	65.00	XXL	/	48.00
ODMC7	58/70	B	B		70	86.00	65.00	XXL	/	48.00
O/D COMBI PLUS										
ODC1 +	15/20	B	B		20	87.00	65.00	XL	/	46.00
ODC2 +	20/26	B	B		26	87.00	66.00	XL	/	46.00
ODC3 +	26/35	B	B		35	87.00	67.00	XXL	/	48.00
ODC4 +	35/41	B	B		41	87.00	67.00	XXL	/	48.00
ODMC5 +	41/50	B	B		50	86.00	63.00	XXL	/	48.00
ODMC6 +	50/58	B	B		58	86.00	65.00	XXL	/	48.00
ODMC7 +	58/70	B	B		70	86.00	65.00	XXL	/	48.00