

# Only Manufacture This Range of Oil-Fired Boilers

## The Choice is Now Yours

### Condensing

**High Efficiency**



**CS4**

Kitchen/Utility - CKUT 4 - 33 / 41 kw - only 410mm wide  
 Sealed System - CS 4 - 33 / 41 kw - only 410mm wide  
 Combi - CC4 - 33 / 41 kw  
 \* Can produce 500 litres @ 35° rise @ 20 litres/min  
 \* NO-ONE CAN BEAT THIS PERFORMANCE!  
 \*\* All the above models still fit under a standard kitchen worksurface.

**High Efficiency**



**CMC7**

MEGA COMBI Flow rates = Up to 35 litres/min  
 CMC 5 - 41 / 50 kw  
 CMC 6 - 50 / 58 kw.  
 CMC 7 - 58 / 68 kw.  
 Can produce 500 litres @ 35° rise @ 35 litres/min  
 \* NO-ONE CAN BEAT THIS PERFORMANCE!  
 \*\*\* If you have the pressure, we have the power.

**High Efficiency**



**CC4 PLUS**

COMBI PLUS Flow rates = 13 - 35 litres/min  
 \* Includes IMMERSION hot water back up and Programmer.  
 CC 1 PLUS - 15 / 20 kw.  
 CC 2 PLUS - 20 / 26 kw.  
 CC 3 PLUS - 26 / 35 kw.  
 CC 4 PLUS - 35 / 41 kw.  
 CMC 5 PLUS - 41 / 50 kw.  
 CMC 6 PLUS - 50 / 58 kw.  
 CMC 7 PLUS - 58 / 68 kw.

**Outdoor Models**



**COD MC7**

All our boilers, both condensing and non condensing, are available as outdoor models, housed in a weather resistant, self contained enclosure and ranging from 15 - 68 kw.  
**FLUES**  
 A full range of both Stainless Steel and Plastic Flues are offered, to include, standard low level, high level and integrated.

Mistral Energy Products Ltd - A name to remember - Products ahead of the game.

Mistral have been manufacturing both Condensing and Non Condensing boilers in the UK for over 40 years. During this time we have continually developed both the product and range, to be able to provide our customers, the largest and most varied choice available in the market.

#### WHY BUY OUR PRODUCTS?

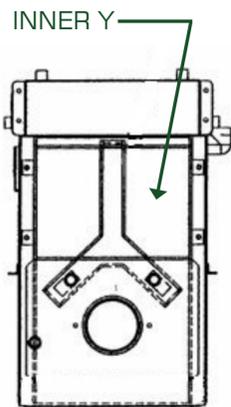
- \*\*\* Only Mistral can offer a Condensing Kitchen / Utility, Sealed System, or Combi, up to 41 kw. that still fits under a worksurface. From only 410mm wide.
- \*\*\* Only Mistral can offer Condensing Combi boilers greater than 35 kw. and up to 68 kw. (50,000 - 232,000 Btu's)
- \*\*\* Only Mistral can offer a Condensing Combi PLUS boiler range from 15 - 68 kw. PLUS models give an immersion hot water back up, in the event of a breakdown.
- \*\*\* Only Mistral can offer a complete range of Non Condensing boilers from 15 - 68 kw. It is only a different lid to us.
- \*\*\* Only Mistral can offer EVERY boiler as Indoor, Outdoor, Condensing or Non Condensing.

#### \*\*\*ONLY MISTRAL CAN OFFER THE PRODUCTS ON THIS PAGE!!!

The unique Y section centrally located waterway design, which has been in production for nearly 10 years and used on all our condensing and non condensing boilers, has proved to be our jewel in the crown. It has given us flexibility of product and proven, stable efficiency. When independently tested as an "off the shelf model", by DECC it came out on top for performance.

Advantages of a Mistral Y section heat exchanger;

**INNER Y**



- \* The unique shape allows us to start the transfer of heat to water, in the bottom chamber, before it reaches the baffles.
- \* A cleaner combustion, now that the baffles no longer have to be so tight in the exchanger to meet efficiency.
- \* A higher output at 41 kw, in our small boiler, as against our competitors output of 35 kw.
- \* A good efficiency, typical of 93% on Condensing models.
- \* Top efficiency on our Non Condensing boilers of up to 88.3% and tested at 3 Star European Rated. 15 - 33 kw
- \* When can you fit a non condensing boiler? See opposite.

We believe we have balanced our boiler to provide the best of the advantages available, whilst also being able to supply products to the market, which will increase the range offered to both installers and consumers. Mistral only fit the highest quality products available in the market, such as Riello burners, Grundfos pumps and Honeywell diverter valves.

Please note the information in this poster is relevant as at time of print, but may be subjected to change by further legislation or new products being brought into the market. Mistral reserve the right to change or alter specifications to these products.

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### Do You Know The Rules? On Non Condensing - Oil Boilers

There has been a great deal of confusion in the market as to whether a non condensing boiler can still be fitted. IT CAN!!!

Mistral are the only Company who still manufacture a complete range of oil boilers to cater for the small market of customers who can be exempt from fitting a condensing boiler and can legitimately have a non condensing boiler installed instead. If your customer is this person, you might as well fit the best with a Mistral, where our products are up to European 3 Star Rated at 88.3% efficient.

#### WHEN IS IT LEGAL TO FIT A NON-CONDENSING OIL BOILER?

The government advises that if the following criteria are met, it is legal and acceptable to install a non condensing oil boiler as a replacement in an existing domestic dwelling.

Following an inspection and a completed CD30 form having been issued to the householder, if applicable a non condensing boiler can be installed. The forms are available from OFTEC or from the Planning Portal website.

The form calculates the qualifying points for the installation. The total points scored will determine whether it is acceptable to install a non condensing boiler.

If the points scored are over 1000 then it is acceptable to fit a non condensing boiler

Points are scored for the following criteria -

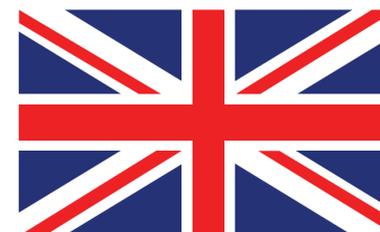
Criteria	Points	
Building Type	Flat	830
	Mid Terrace	790
	End Terrace, Semi - Detached, Detached	760
If the new boiler position is different from the existing boiler	350	
If a condensing boiler is fitted will it be necessary to fit a flue more than 2 meters long from the boiler flue outlet to avoid:	a) The flue discharging horizontally less than 2.5m from any wall, fence, building or the property boundary	350
	b) If the flue outlet is less than 2.1m above the ground, discharging less than 2.5m from a car parking space	350
	c) If the flue outlet is less than 2.1m above the ground discharging across a public pathway, a route or patio area	350
If it is necessary to install a condensate pump or a soak away	100	

Another factor to be given consideration is the COST. If the cost of positioning and installing a condensing boiler is considered to be too high then a non-condensing model can be fitted.

Full information regarding considerations for installing a non-condensing boiler can be downloaded from the "Planning Portal Website" (The Domestic Heating Compliance Guide) [www.planningportal.gov.uk/uploads/br\\_ptl\\_domheat.pdf](http://www.planningportal.gov.uk/uploads/br_ptl_domheat.pdf)

The Deputy Prime Minister's office has also published the following information (Guide to the Condensing Boiler Installation Assessment Procedure for Dwellings) [www.idhee.org.uk/ExceptionsGuide.pdf](http://www.idhee.org.uk/ExceptionsGuide.pdf)

If distances and criteria are not met and adhered to it may be illegal to fit a condensing boiler.



### Non Condensing

**Standard Efficiency**



**KUT 4**

Kitchen/Utility - KUT 1, 2, 3 15 / 33 kw \*\*\* 3 star European rated eff. 88.3%  
 KUT 4 33 / 41 kw Fits under worksurface 410 wide  
 Sealed System - S 1, 2, 3 15 / 33 kw \*\*\* 3 star European rated eff. 88.3%  
 S 4 33 / 41 kw Fits under worksurface 410 wide  
 Combi - C 1, 2, 3 15 / 33 kw \*\*\* 3 star European eff.  
 C 4 33 / 41 kw Fits under worksurface

**Standard Efficiency**



**MC7**

MEGA COMBI Flow rates = Up to 35 litres/min  
 MC 5 - 41 / 50 kw  
 MC 6 - 50 / 58 kw  
 MC 7 - 58 / 68 kw  
 Have you got the pressure?

**Standard Efficiency**



**ODC4 PLUS**

COMBI PLUS Flow rates = 13 - 35 litres/min  
 \* Includes IMMERSION hot water back up and programmer.  
 C 1 PLUS - 15 / 20 kw.  
 C 2 PLUS - 20 / 26 kw.  
 C 3 PLUS - 26 / 33 kw.  
 C 4 PLUS - 33 / 41 kw.  
 MC 5 PLUS - 41 / 50 kw.  
 MC 6 PLUS - 50 / 58 kw.  
 MC 7 PLUS - 58 / 68 kw.

**Standard Efficiency**



**BH4**

Boiler House  
 BH 1 - 15 / 20 kw \*\*\* 3 star European rated eff 88.3%  
 BH 2 - 20 / 26 kw \*\*\* 3 star European rated eff 88.3%  
 BH 3 - 26 / 33 kw \*\*\* 3 star European rated eff 88.3%  
 BH 4 - 33 / 41 kw Fits under a worksurface  
**Outdoor Boilers**  
 As with our condensing range of boilers, all our products can be ordered as OUTDOOR models.