



SIGMA

**Wall Mounted Cast Iron,
Gas Fired Boiler for Central Heating
Fan Assisted, Room Sealed,
Electronic Flame Ignition and Control**



INSTALLATION AND SERVICING INSTRUCTIONS

Sigma 60 - 100 GC N° 41-267-19





IMPORTANT

Your "benchmark" Installation, Commissioning and Service Record Log Book will be enclosed in your customer information pack. This record must be completed and left with the end user.

Ferrolis a member of the Benchmark initiative and fully supports the aims of the programme. Benchmark has been introduced to improve the standards of installation and commissioning of central heating systems in the UK and to encourage the regular servicing of all central heating systems to ensure safety and efficiency.

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mark documents that the Ferrolis gas appliances comply with the requirement contained in European directives applicable to them.

In particular the appliances comply with the following directives and the technical specifications provided from them

as appliances directive

efficiencies directive 2 2

low tension directive 2 modified from the

electromagnetic compatibility directive modified from the

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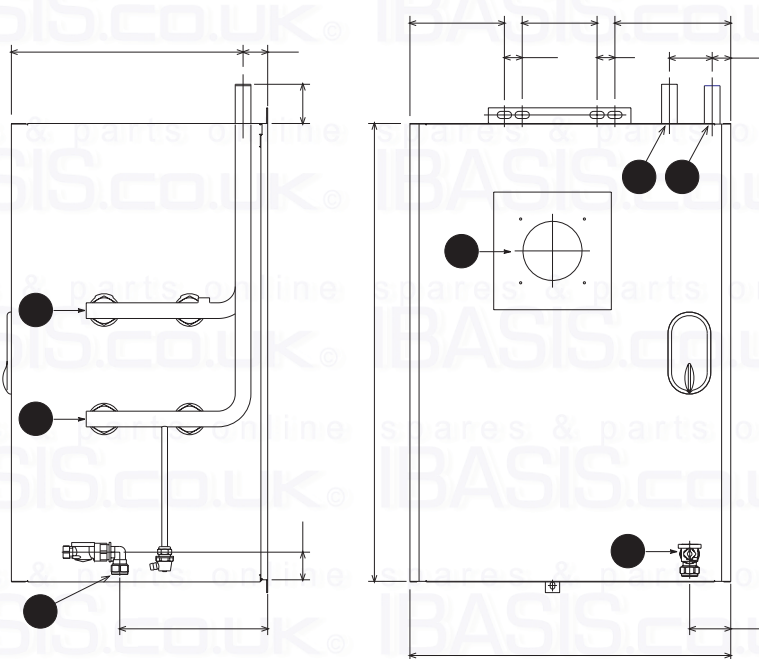
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C.O.S.H.H.

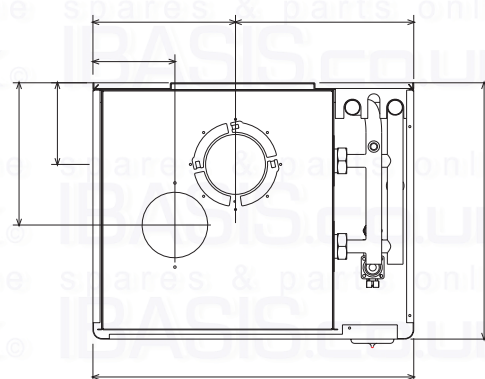
Materials used in the manufacture of this appliance are non hazardous and no special precautions are required when servicing.

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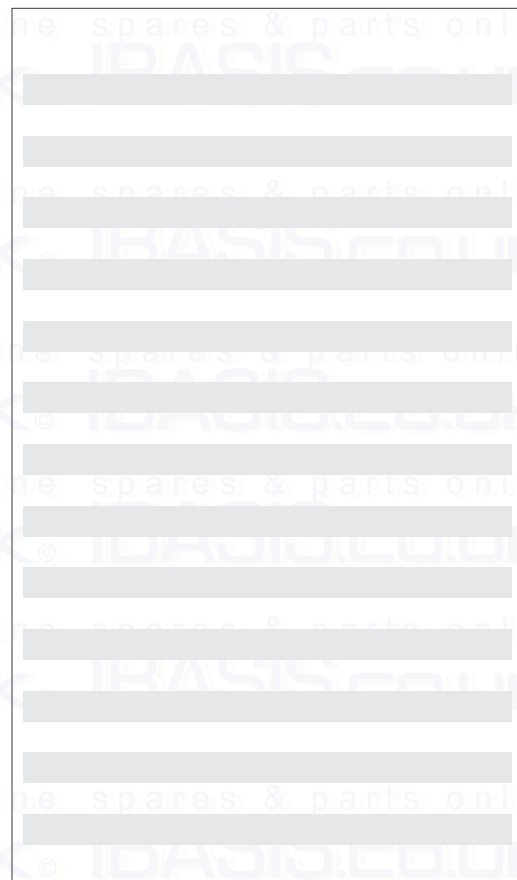
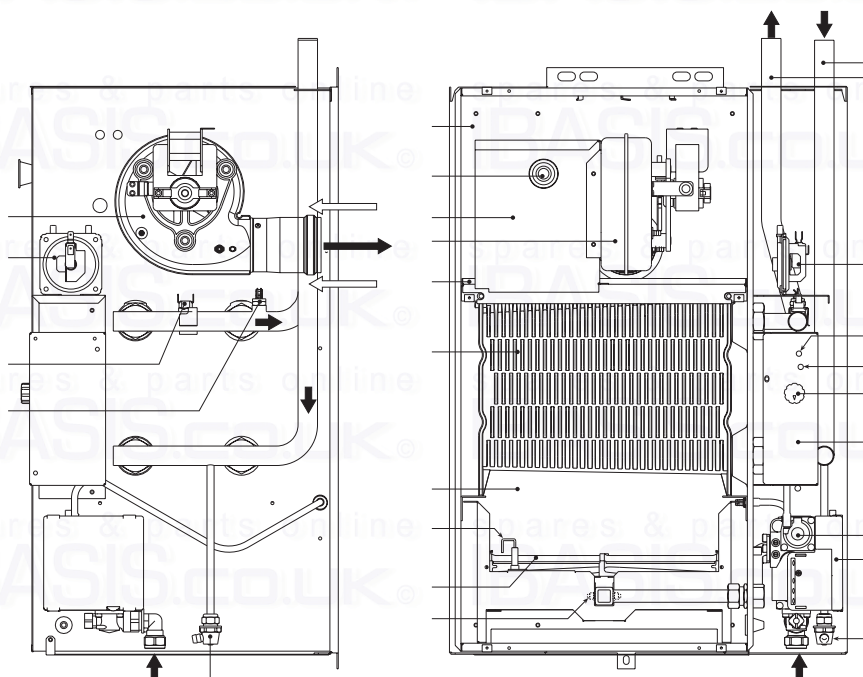
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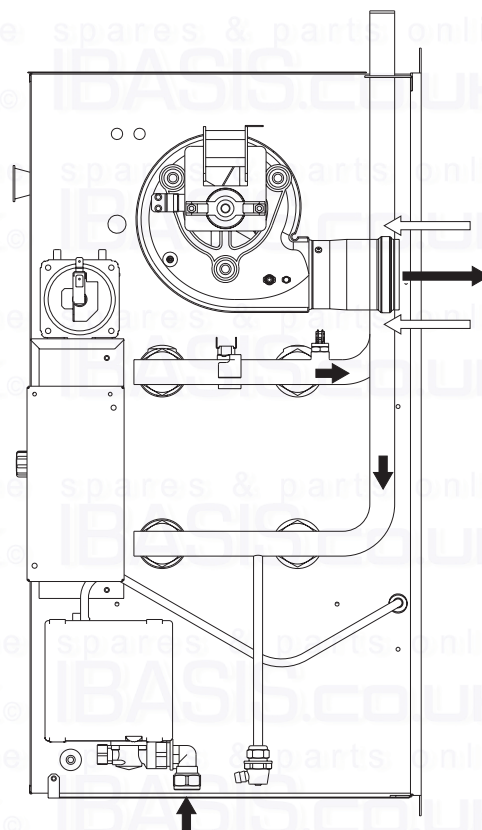
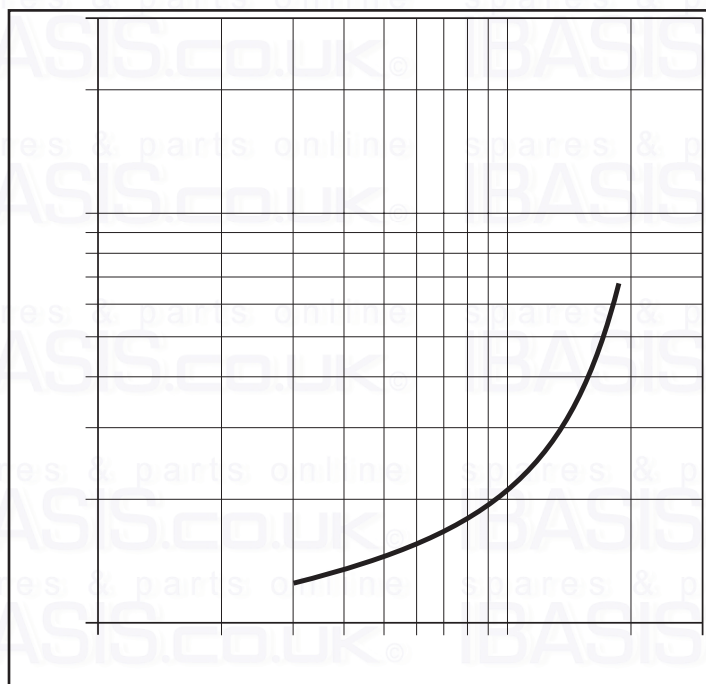
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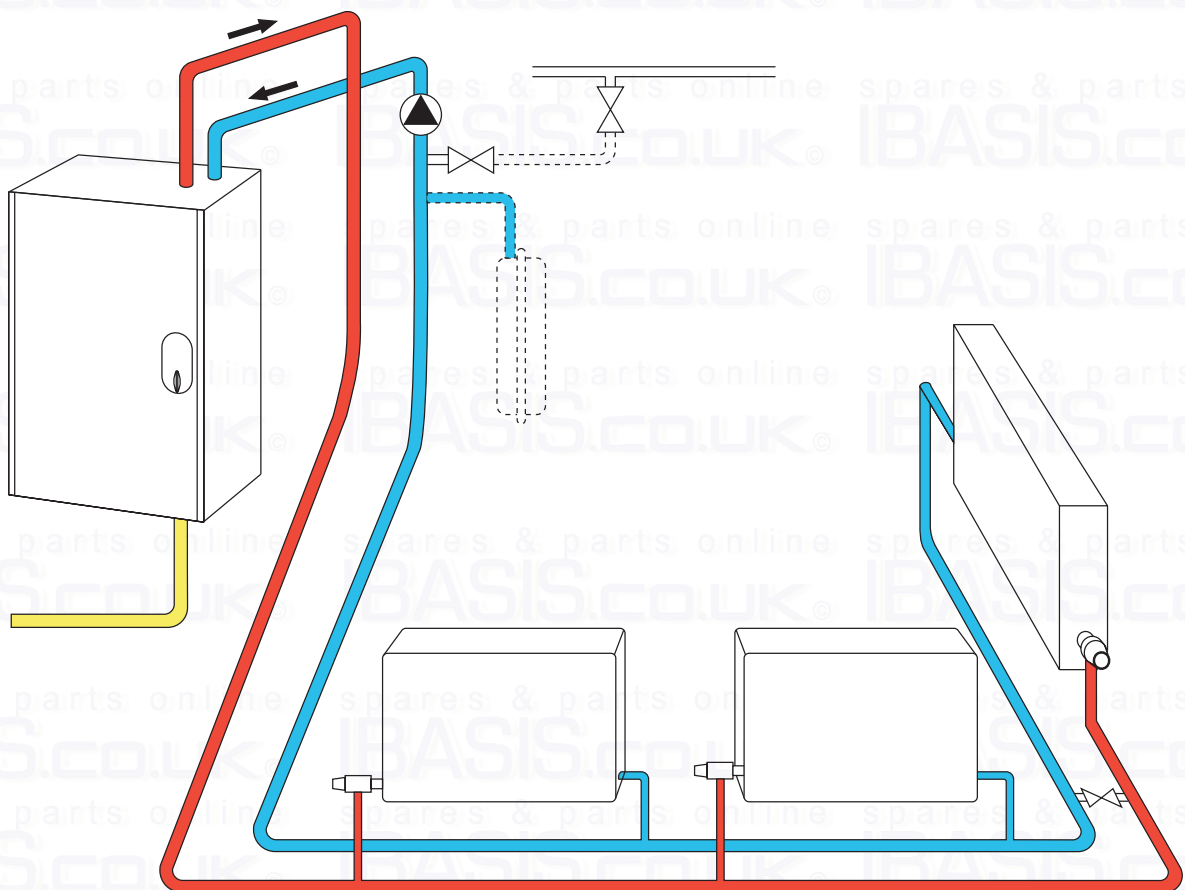
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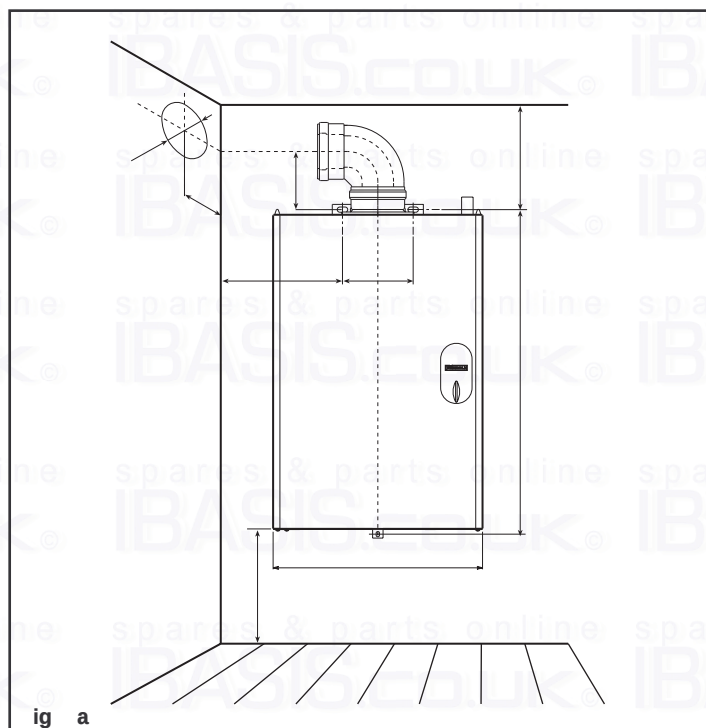
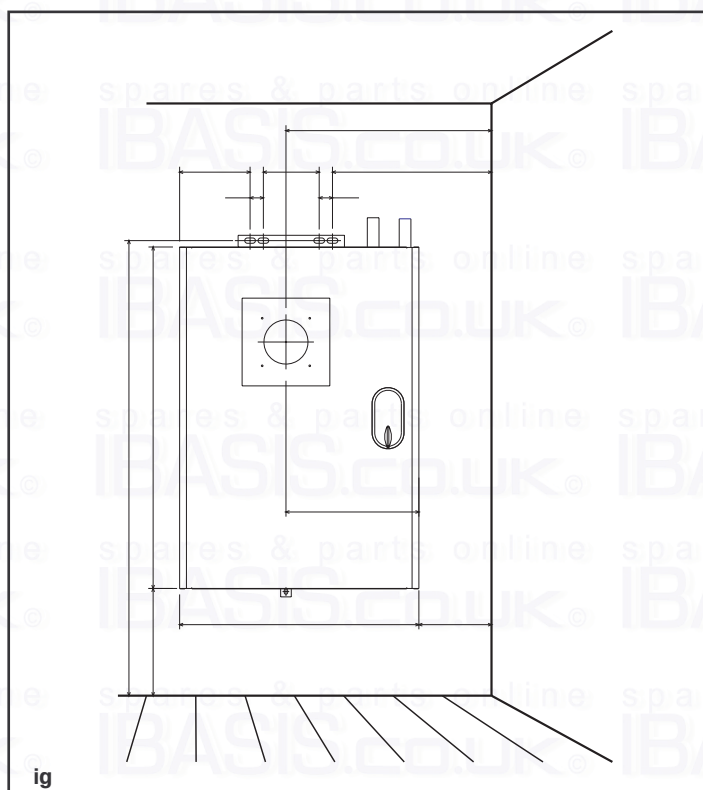
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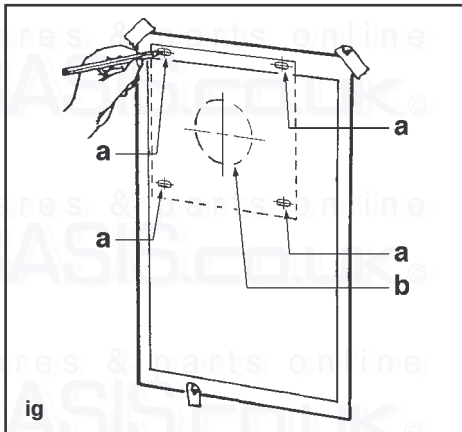
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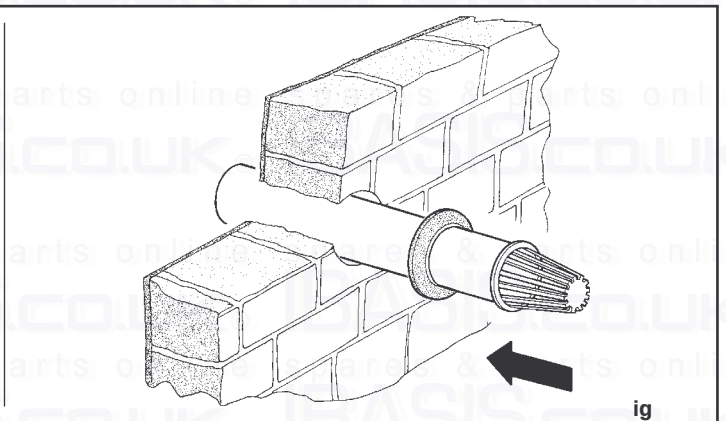
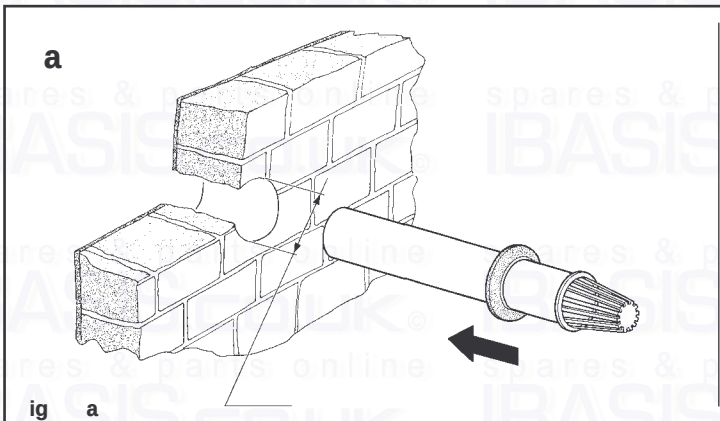
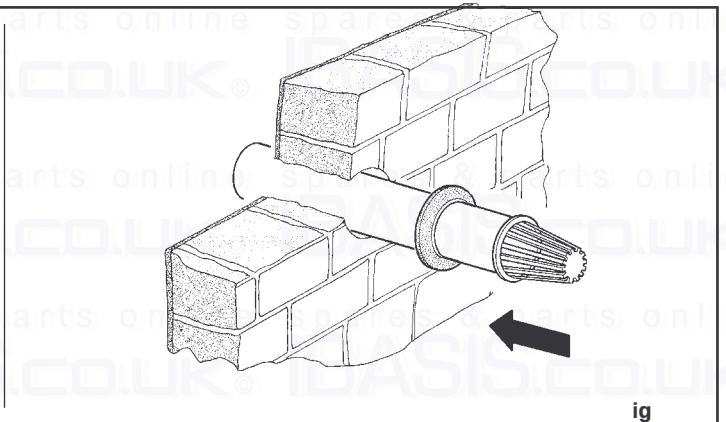
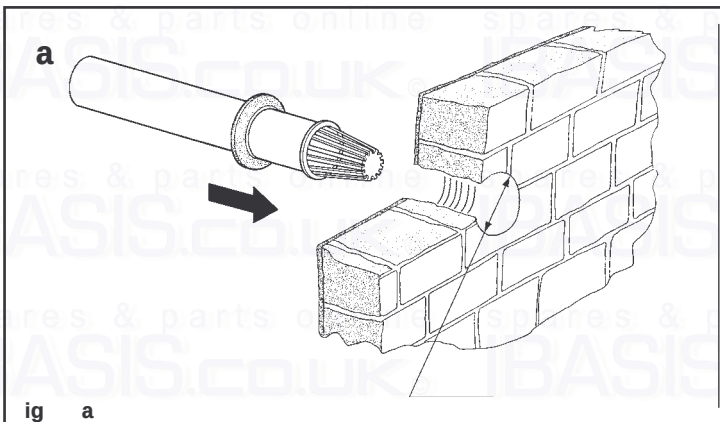
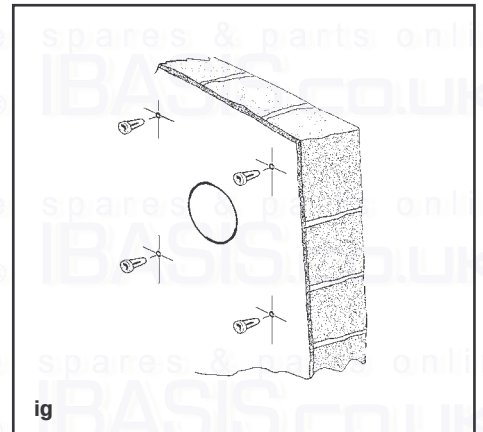
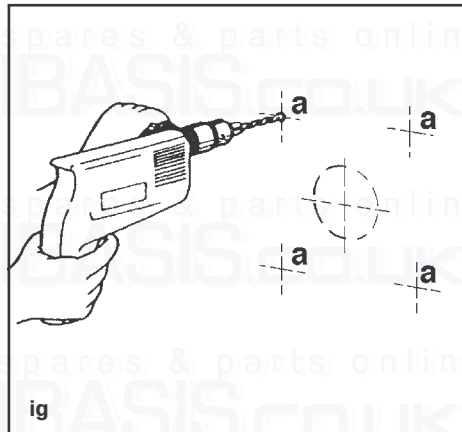


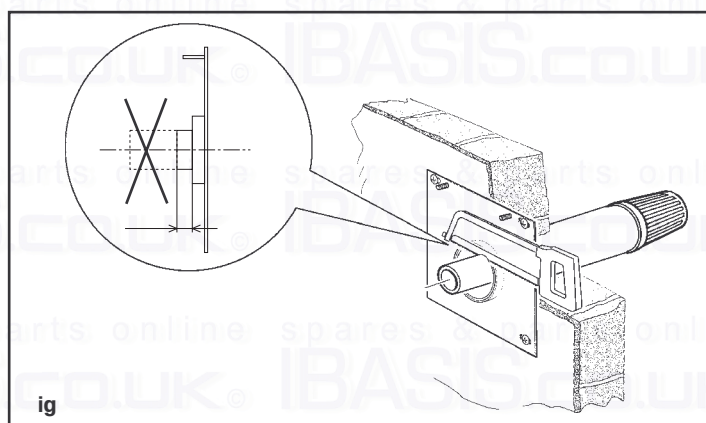
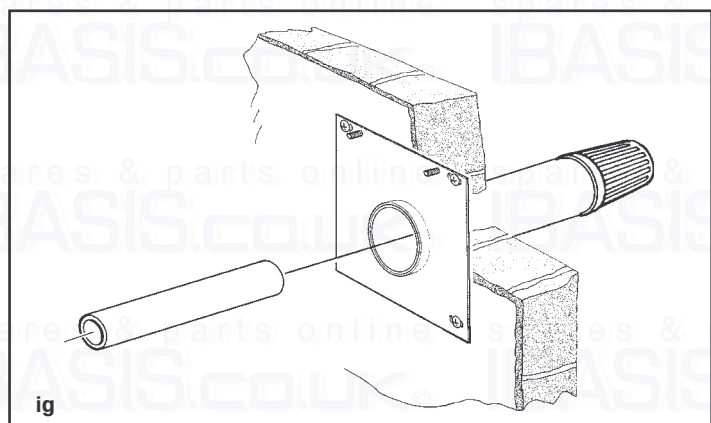
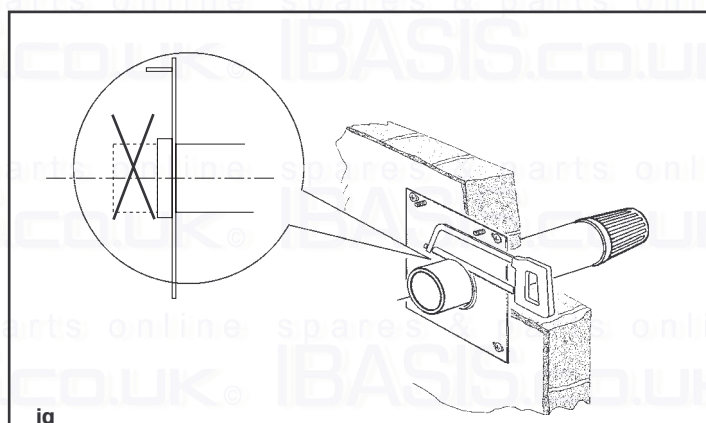
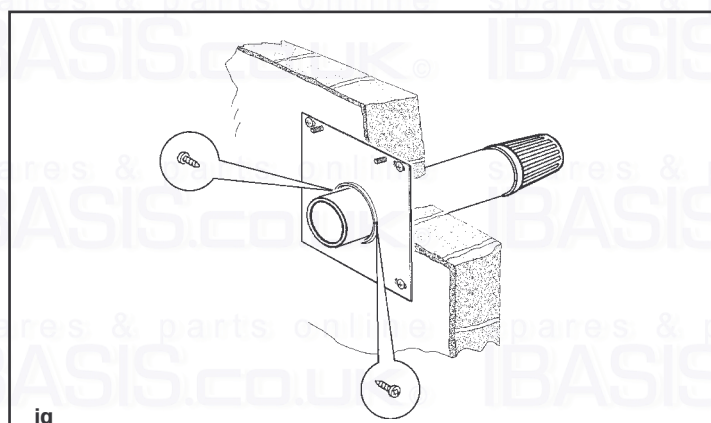
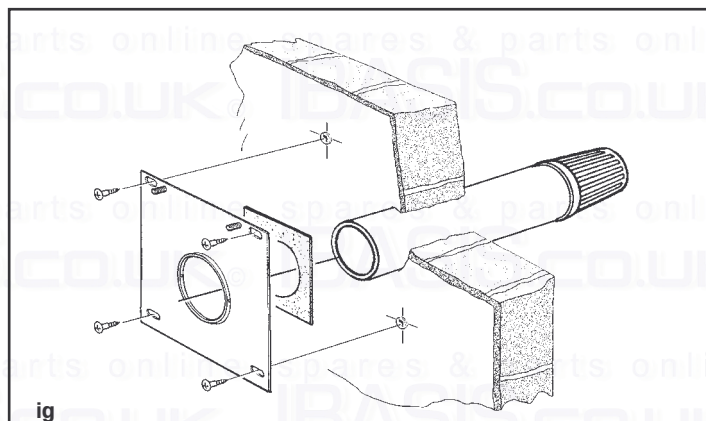
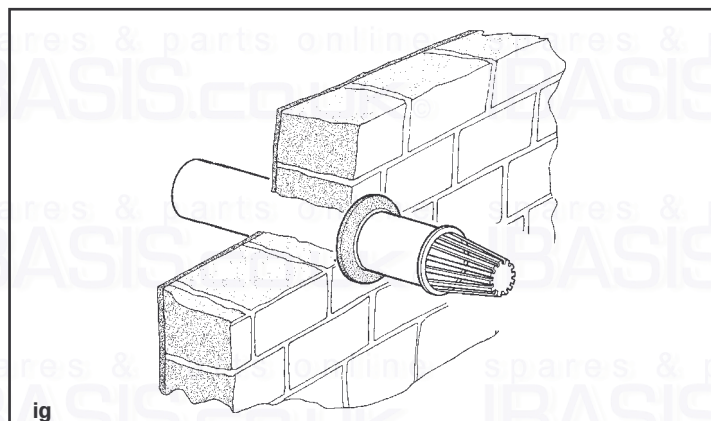
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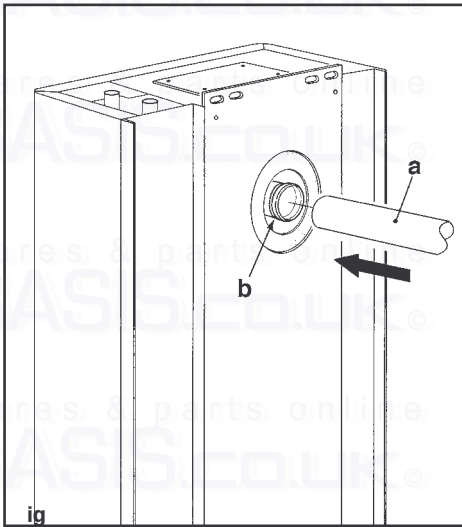
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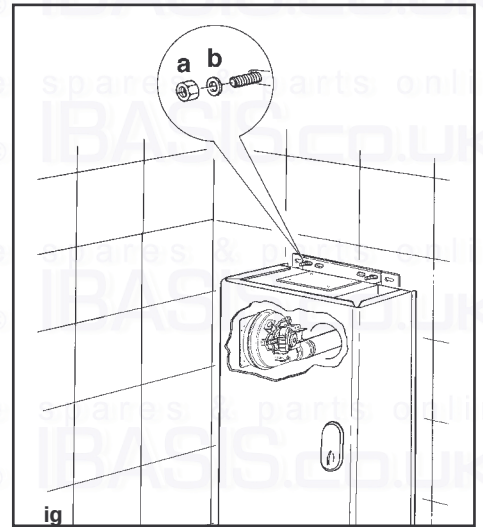
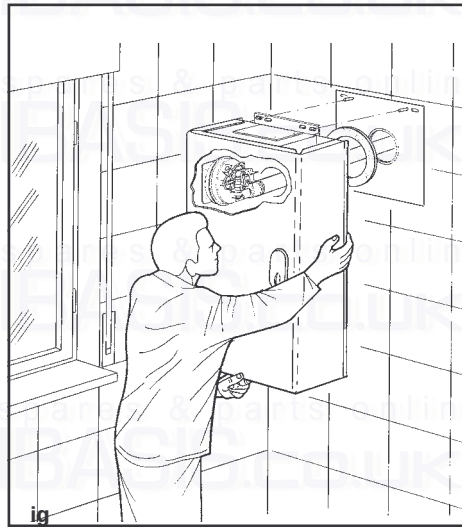




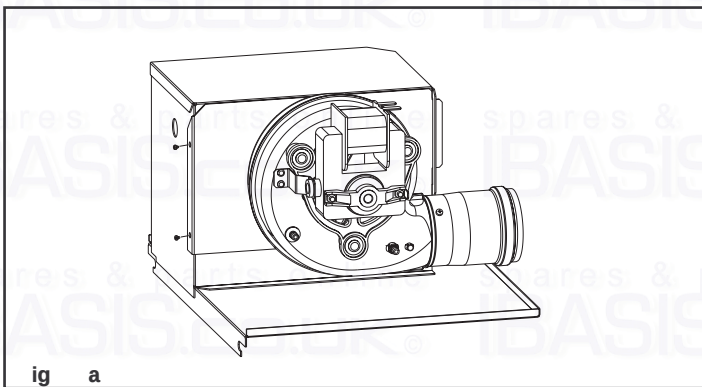
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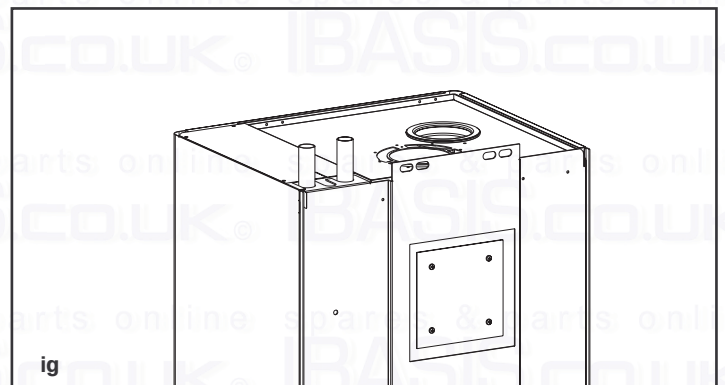
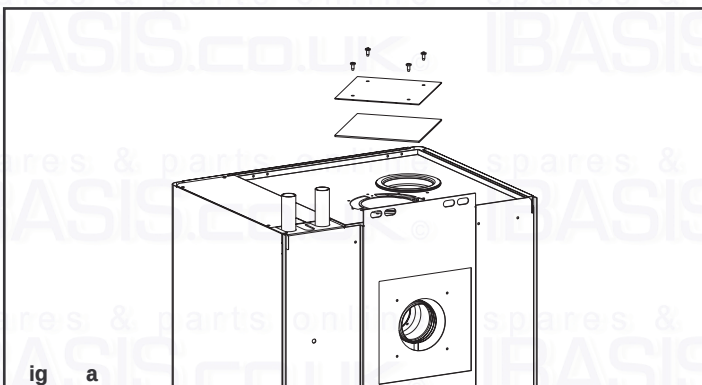
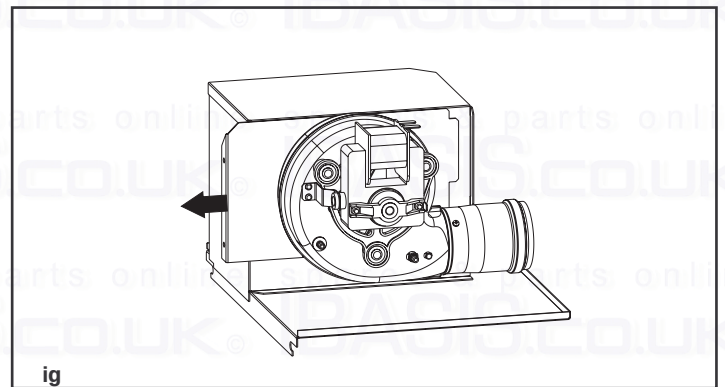
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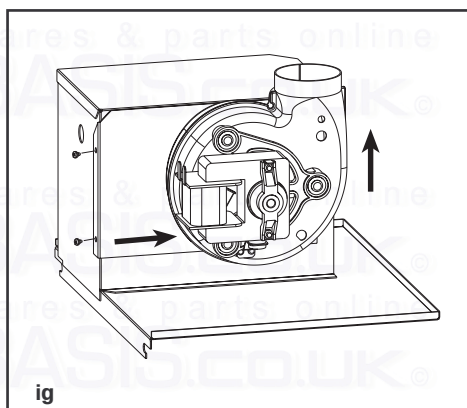
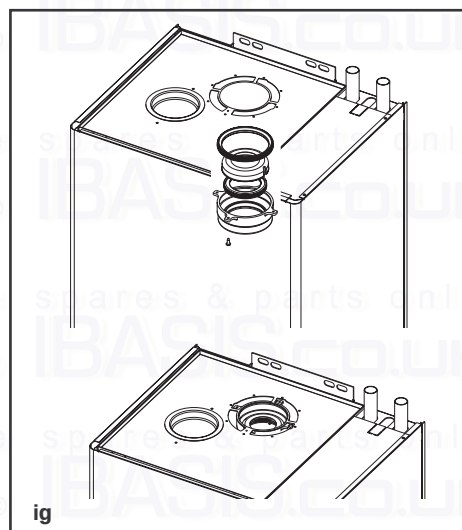
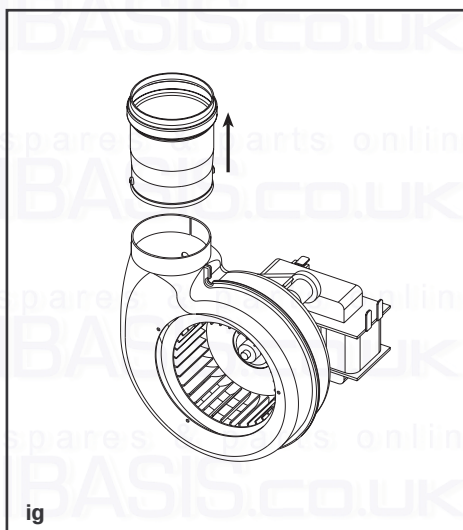
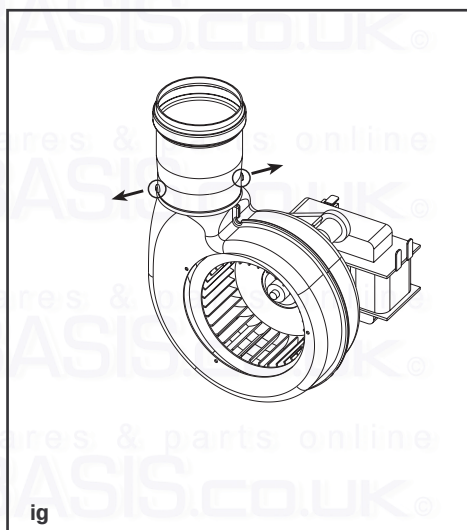
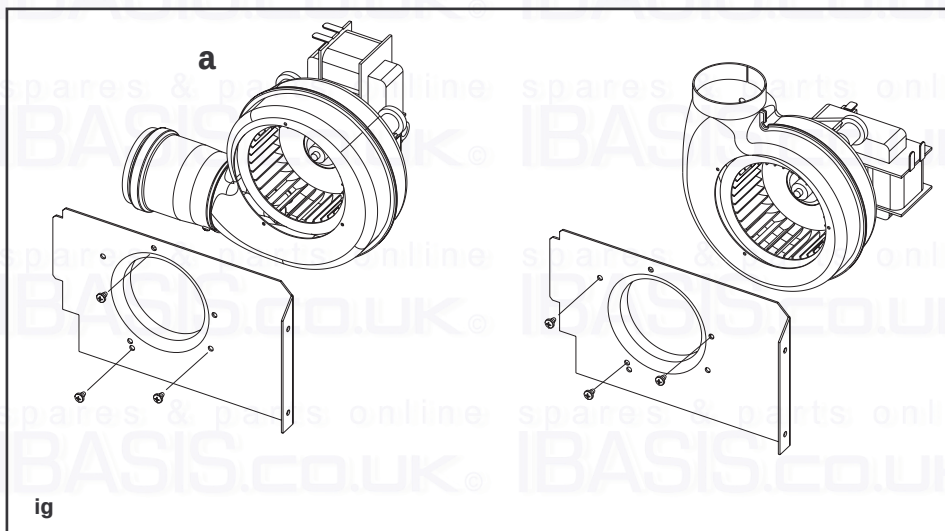
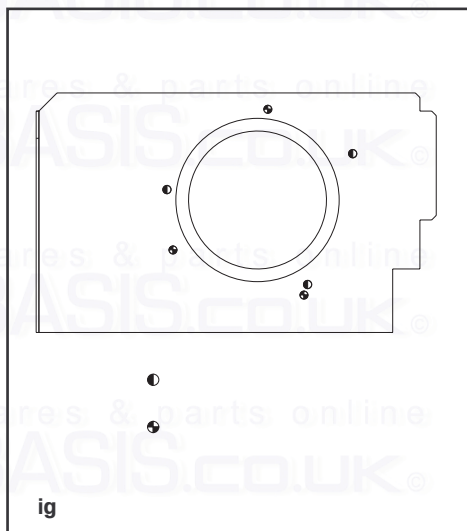


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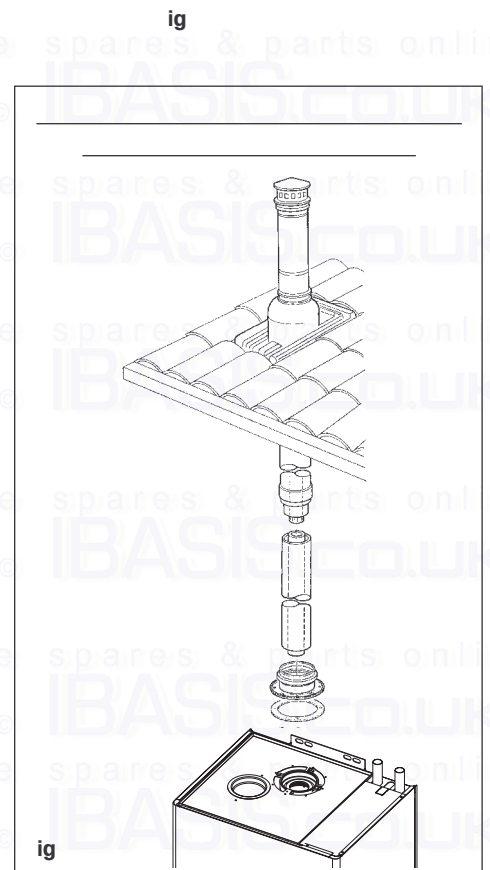
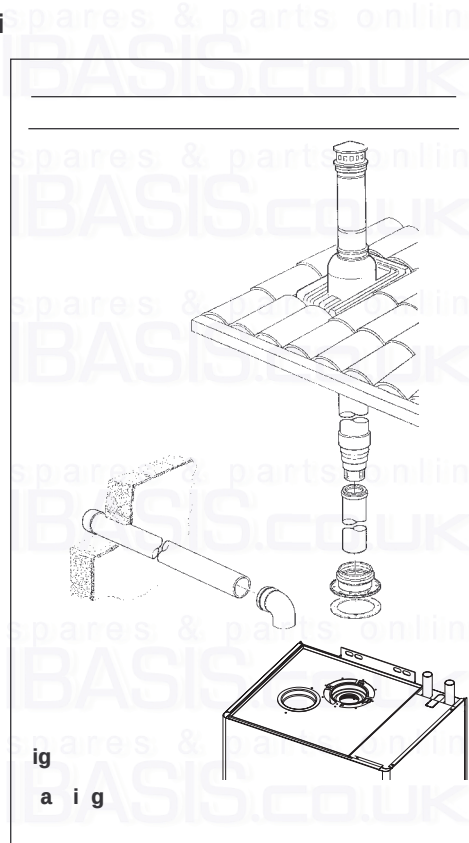
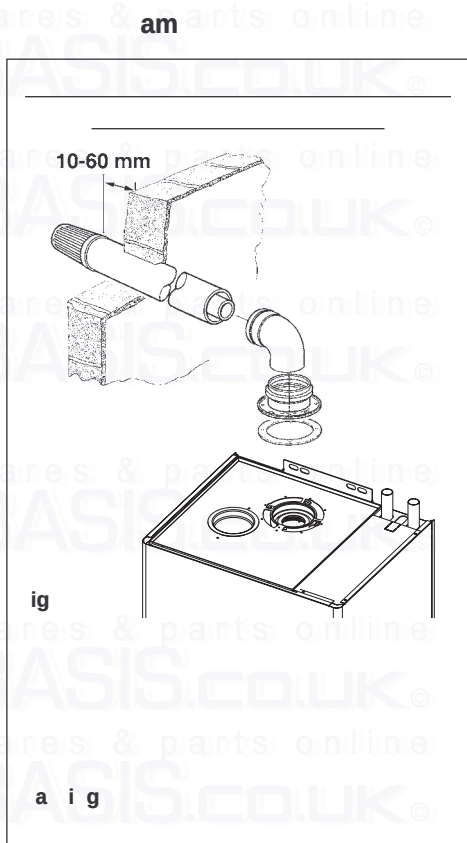
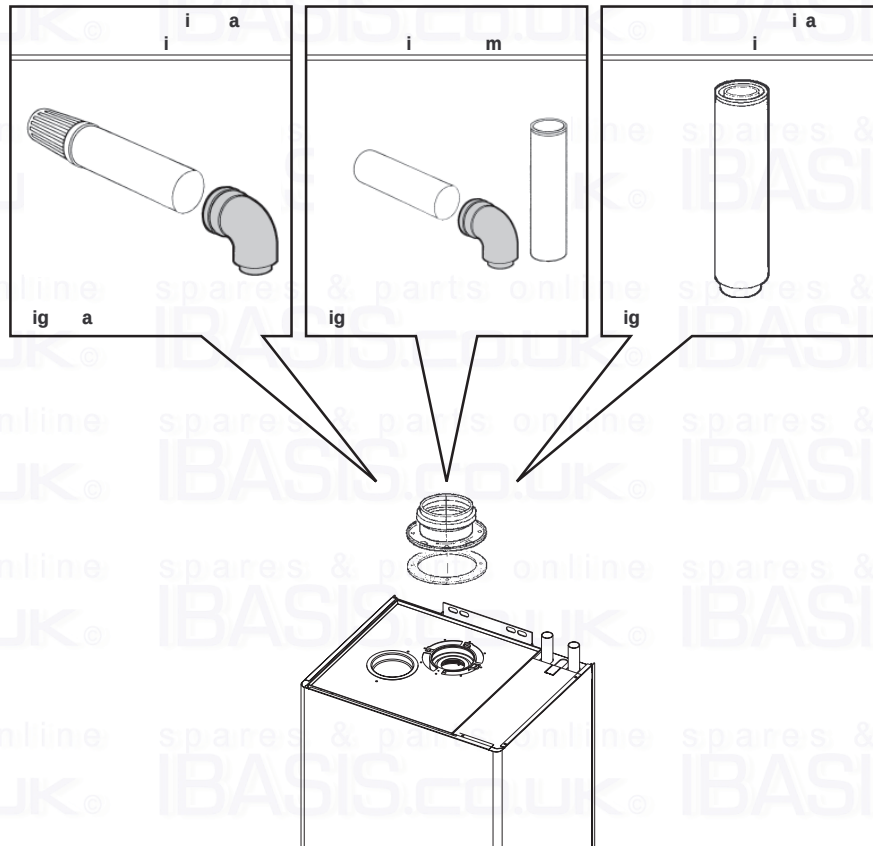




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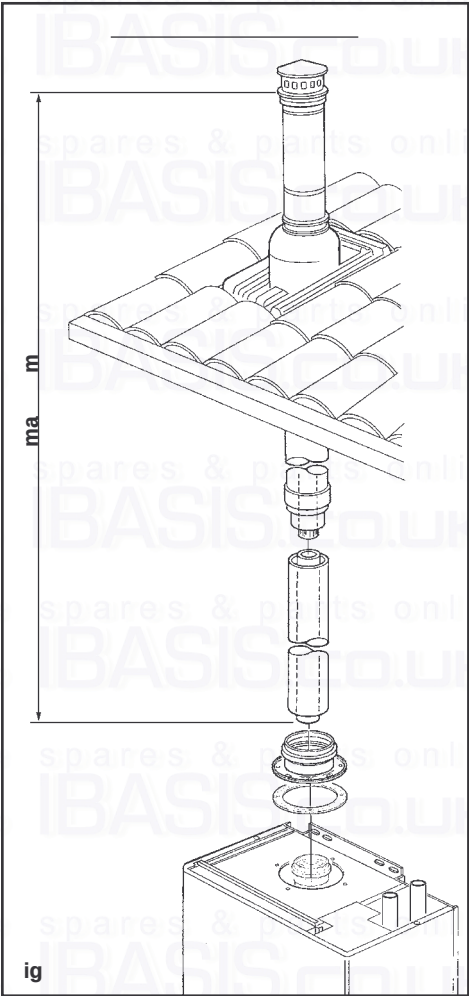
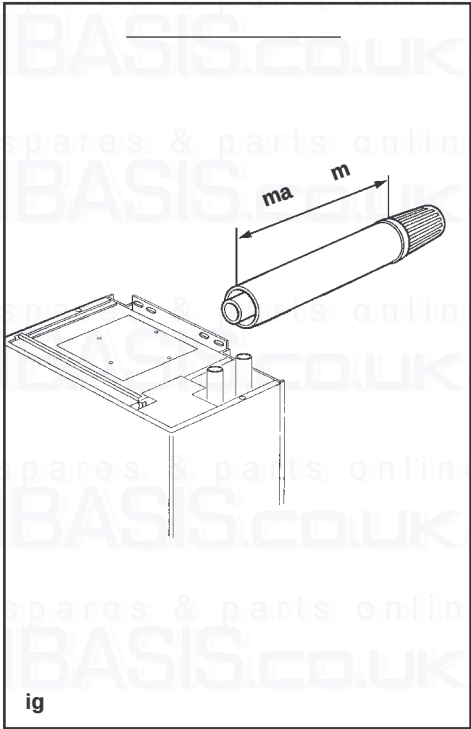
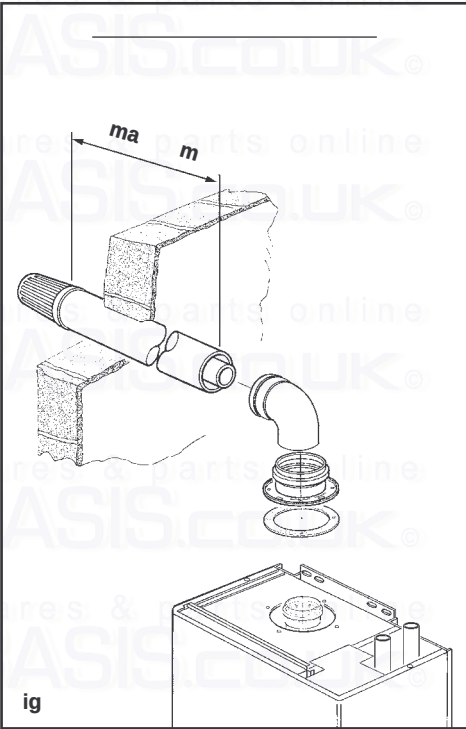
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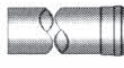
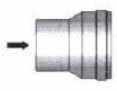


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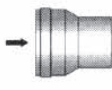
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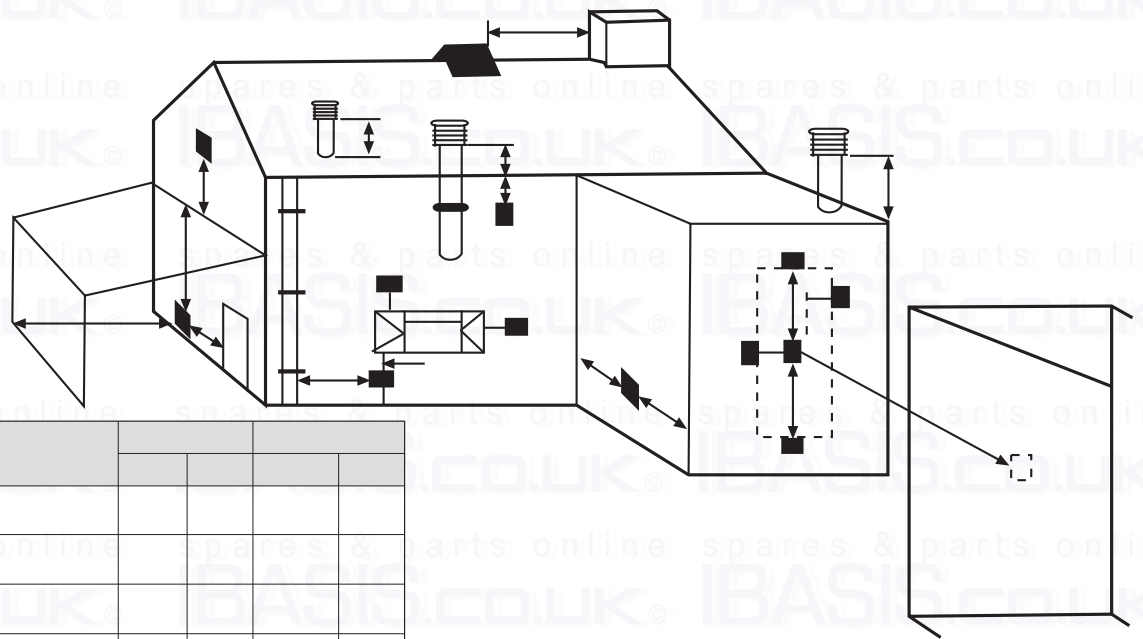
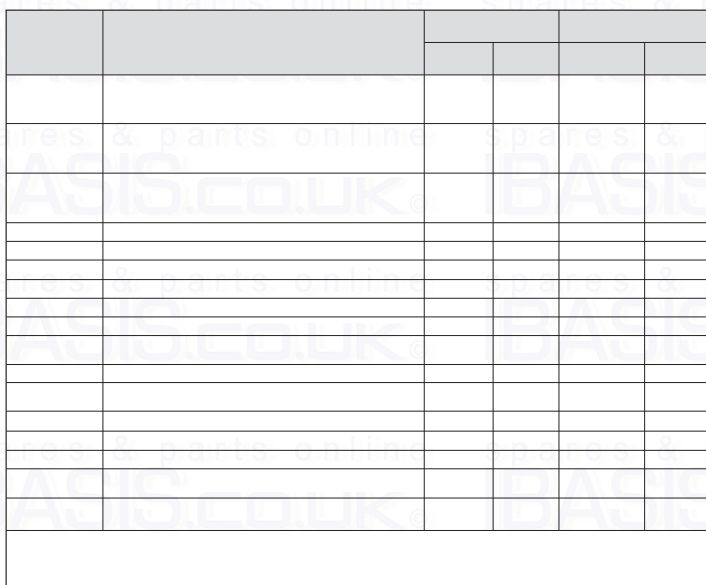


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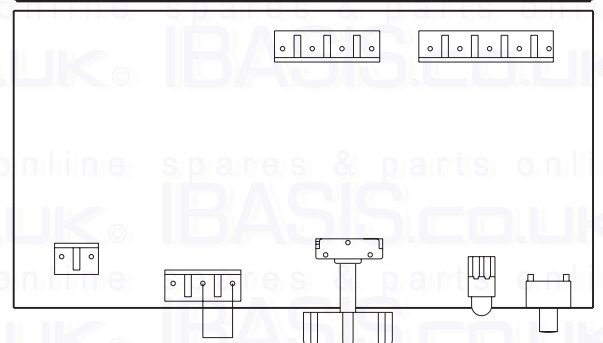
Description		Reduction			
		Air		Flue	
		Vertical	Horizontal	Vertical	Horizontal
Male-female flue Ø80		1	1	1	2
Female-female bend 45° Ø80		1,2		2,2	
Female-female bend 90° Ø80		1,5		2,5	
Male-female bend 90° Ø80		1,5		2,5	
Pipe fitting M/M/F Ø80 with inspecting plug+trap for condensate drainage system				7	
Condensate flue outlet				3	
Spigot and socket reduction Ø80/100		0			
Airwall terminal products of combustion Ø80					5
Air terminal of inlet protection Ø80		2			

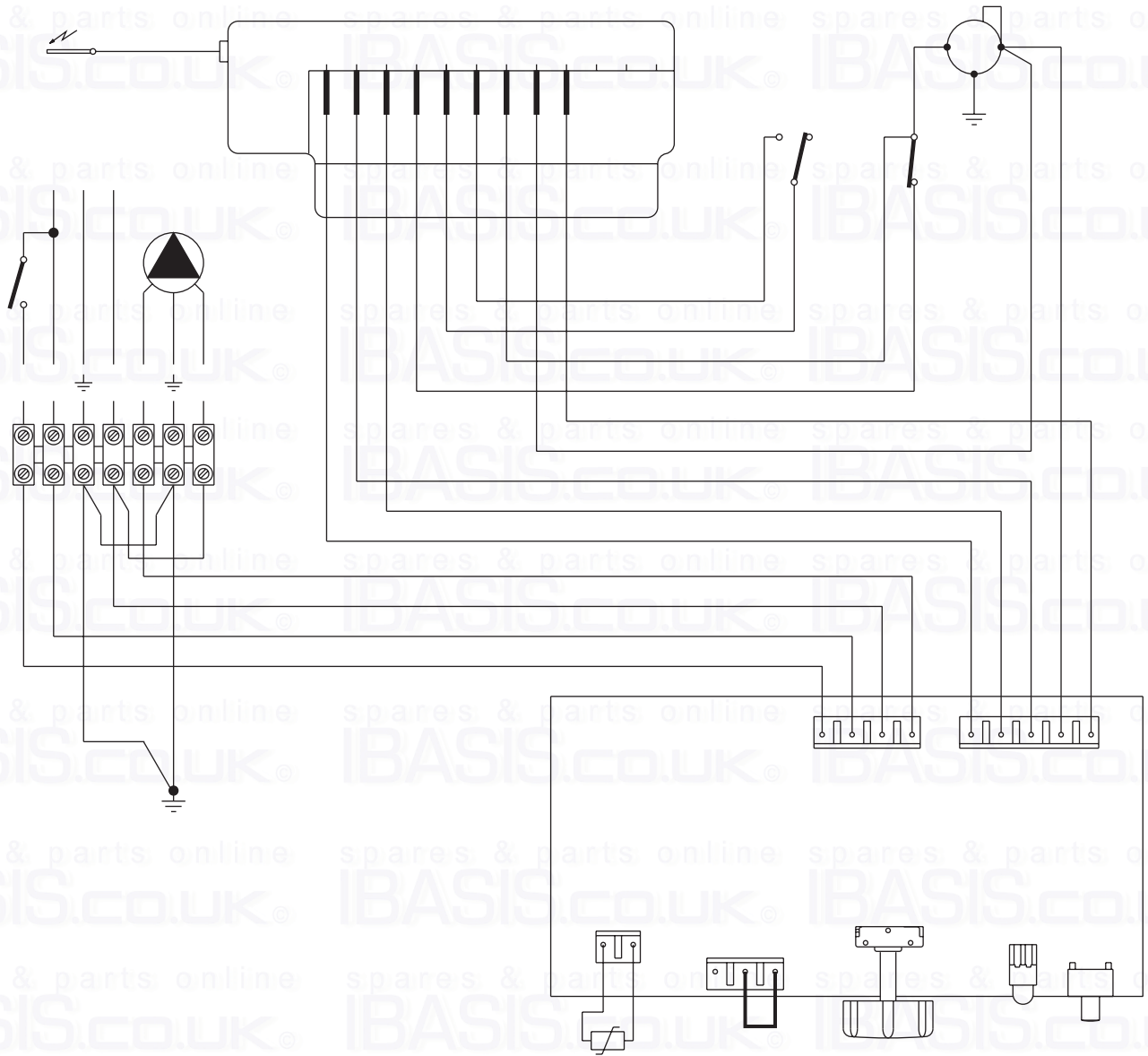
Description		Reduction			
		Air		Flue	
		Vertical	Horizontal	Vertical	Horizontal
Outlet flue air inlet for concentric system Ø80					
Pipe fitting for outlet flue Ø80				4	
Outlet flue air inlet for connection with split end Ø80				12	

Description		Reduction			
		Air		Flue	
		Vertical	Horizontal	Vertical	Horizontal
Male-female flue Ø100		0,4	0,4	0,4	0,8
Male-female bend 45° Ø100		0,6		1	
Male-female bend 90° Ø100		0,8		1,3	
Air wall terminal products of combustion Ø100					3
Air terminal of outlet protection Ø100			1,5		
Spigot and socket reduction Ø80/100		1,5		3	



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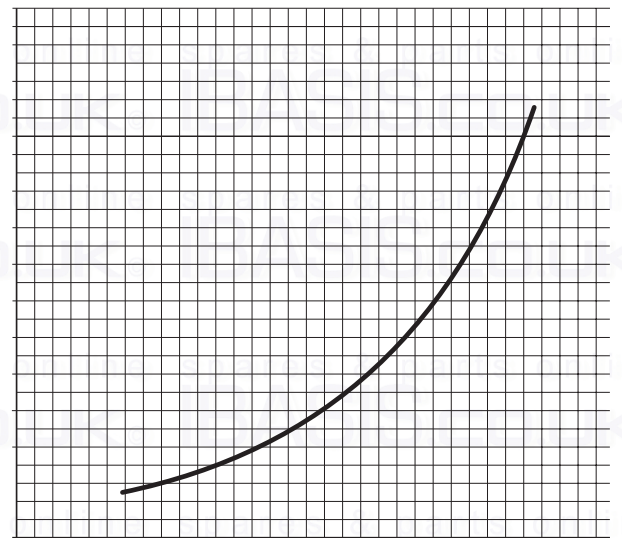
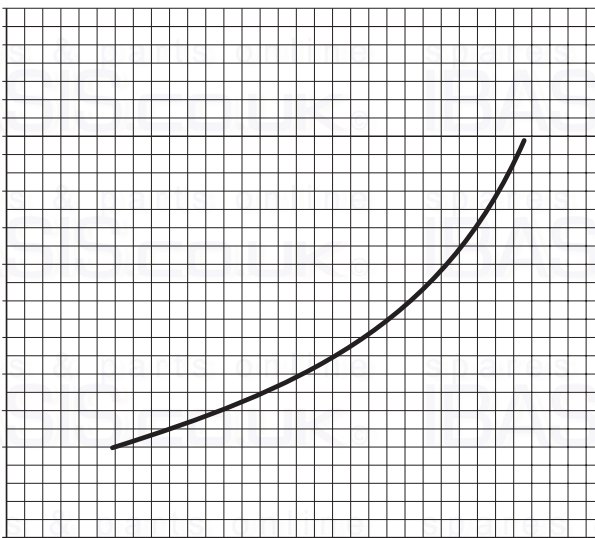
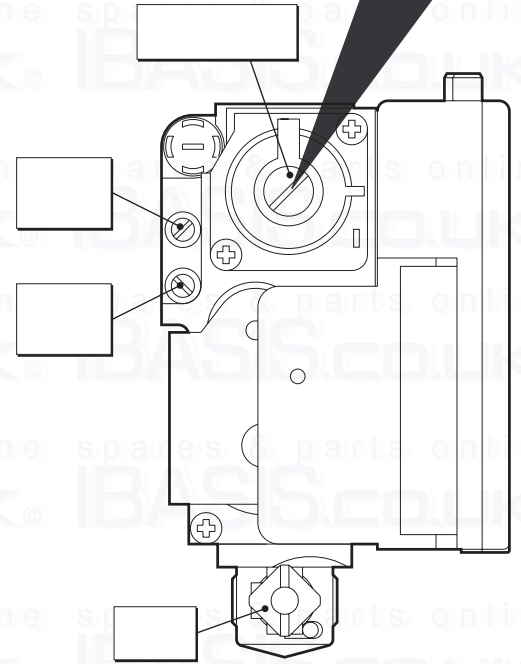
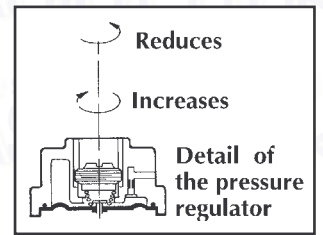
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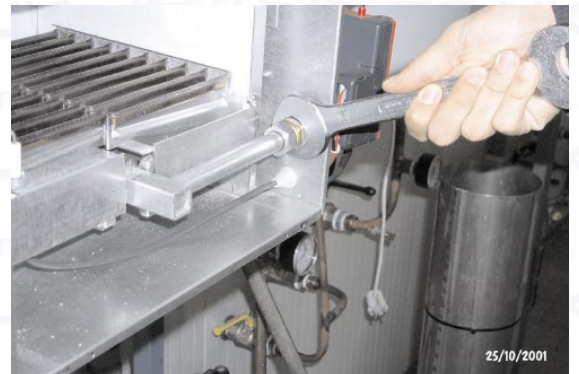
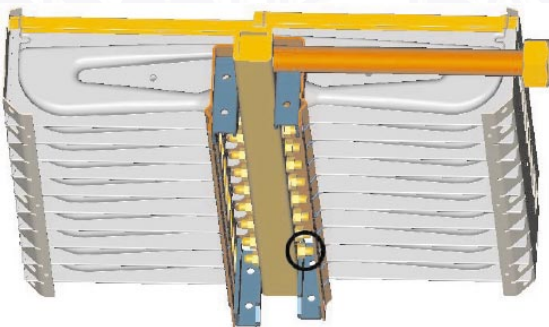


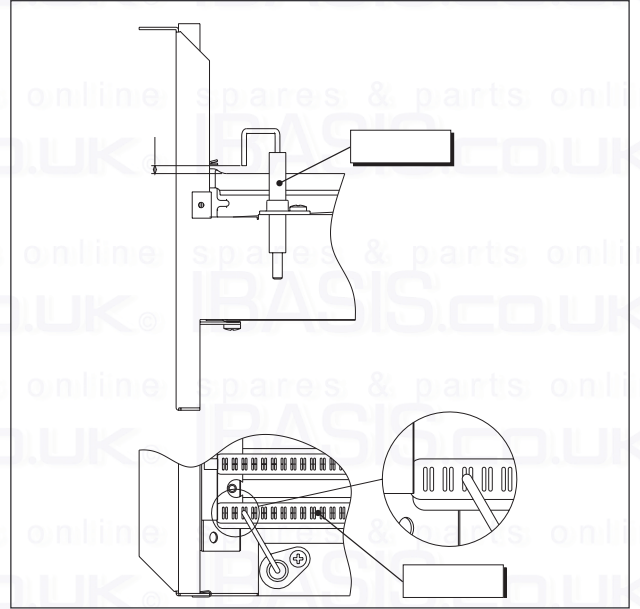
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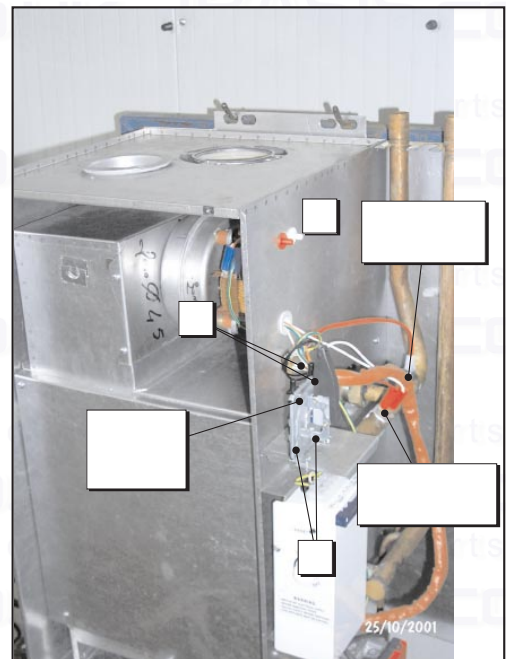
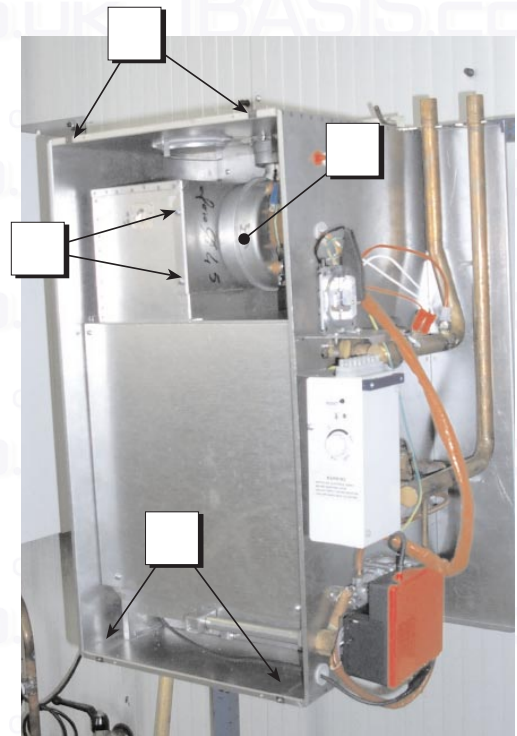
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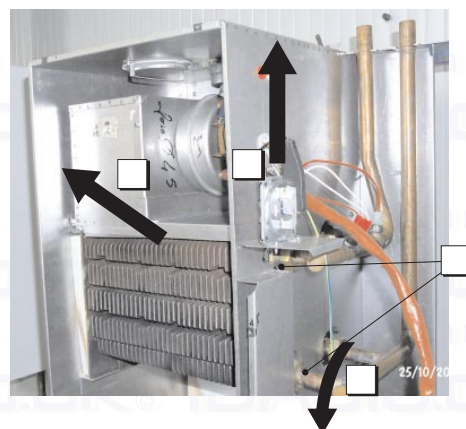
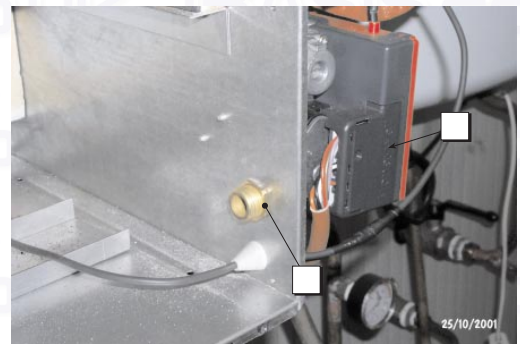
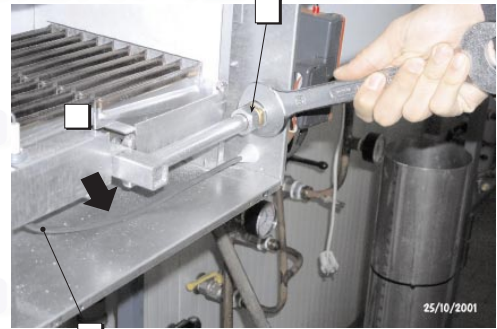
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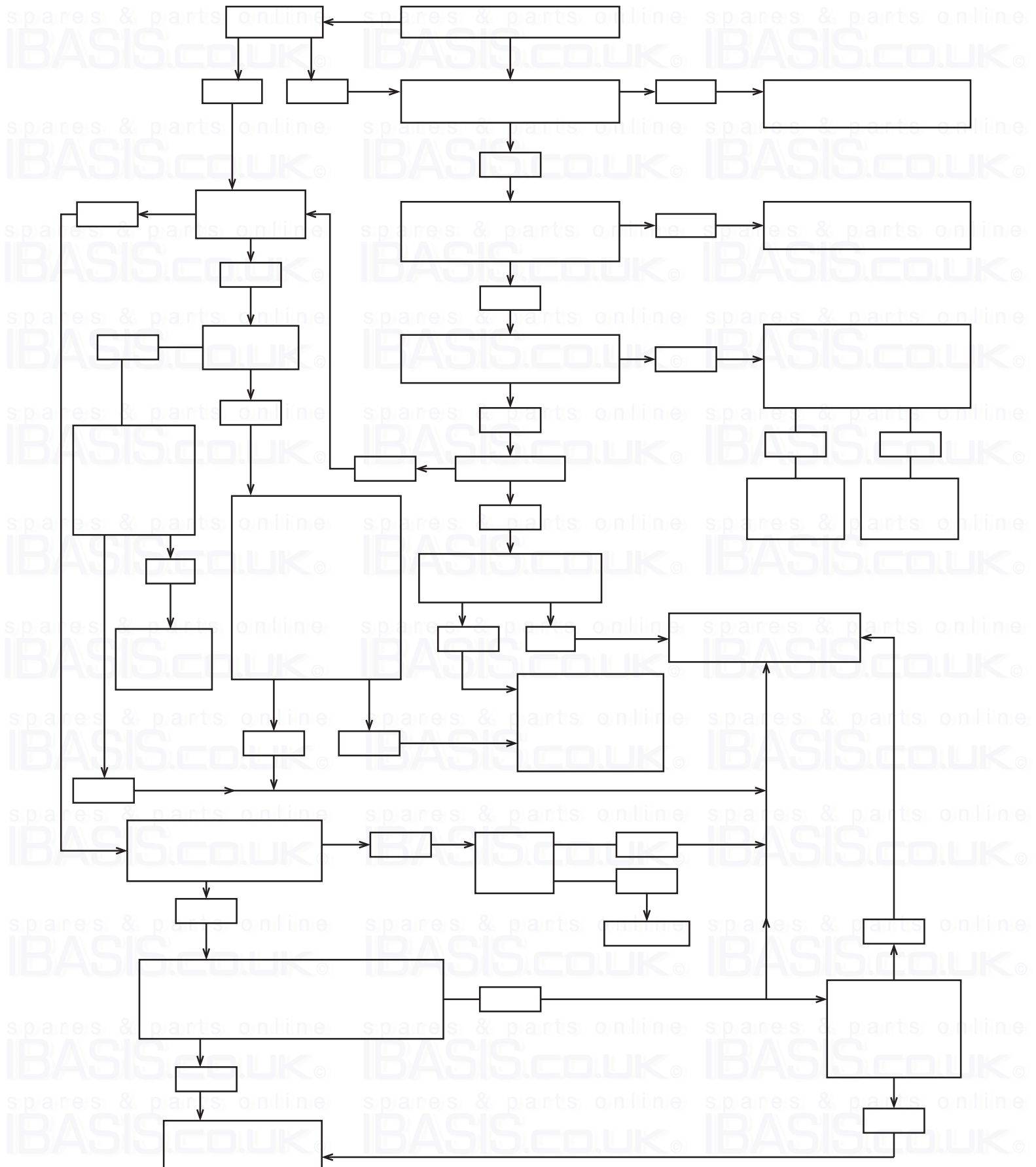
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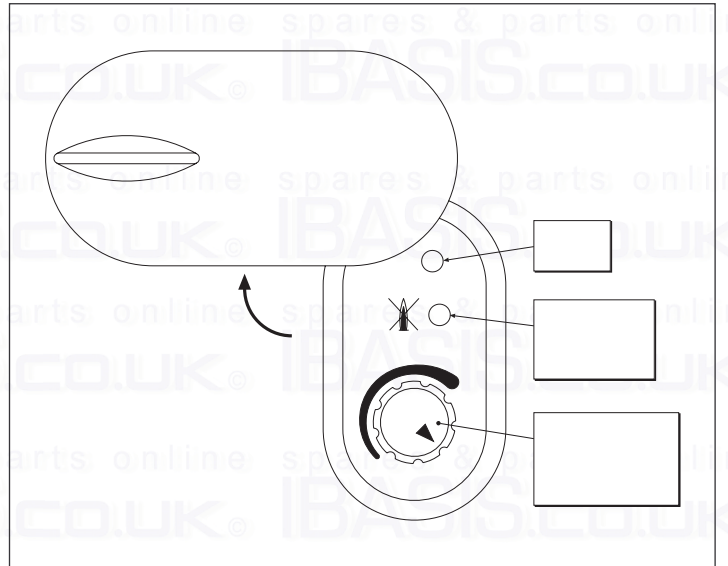




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