

Type J - Independent Boilers

Special Note

The rated output of independent boilers indicates the heat released to water and may or may not take account of the additional useful heat released as direct space heating to the room in which the appliance is installed depending on the standard to which the appliance has been tested.

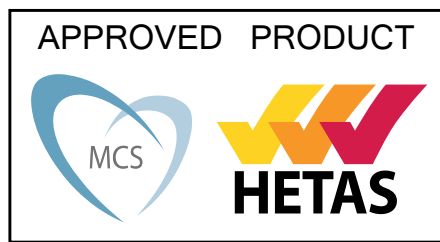
In addition to heating water, the boiler itself may provide space heating to the room by up to 6% of the published water heating rating.

Boilers in this Part may be Tested to a number of accepted standards. The choice depends on the fuels they burn, its method of feeding and the siting and use to which the appliance is to be put. For each appliance the **Appliance Feature Icon** area gives the specific standard used for testing. Where the standard requires a direct space heating output to the living area to be measured this will also be quoted and will be included in the gross efficiency figure.

The actual amount of direct space heating provided at any time will vary with the rate at which a boiler is run. In cold weather a generally faster burning rate results in more direct space heating.

For the selection of suitable chimneys see the preface to *Part 2 - Factory Made Chimneys and Chimney Lining Systems*

MCS Approved Product








Domestic independent boilers under this category have developed significantly over recent years and compare favourably with oil boilers. These biomass boilers are classed as being able to provide renewable energy and are incentivised under Government initiatives to contribute to carbon reduction from heating appliances. Boilers identified with the HETAS MCS product logo have been approved under the MCS product standard and are eligible to receive RHI funding. See the HETAS website www.hetas.co.uk/professionals/installers/mcs-installer for more information.

Approved Fuels














Fuels regarded as suitable for the appliances in this section are listed, as approved closed appliance fuels, in *Part 3 - Wood, Biomass & Solid Mineral Fuels* of this Guide. Refer to the **Appliance Feature Icon** area for variations including wood log burning and appliances that are designed to burn only specialized wood pellets. **It should be noted that bituminous coal and wood in any of its forms including pellets is not by law permitted to be burned on appliances in Smoke Control Areas, except where the appliance has been exempted under Part II (4) of the Clean Air Act, 1993. These exempted**



appliances are designated thus  in this list.

Type J2 - Batch Fed Independent Boilers - Wood Logs

Manufacturer	Appliance Name	HETAS ID Code	Fuel Type	For explanation of output and efficiency data please see introductory notes				Product Image
				Rated output kW Water	Efficiency %		Refuel Period (h)	
Gross	Net							
Central Boiler Inc. 20502 160 th Street, Greenbush, MN 56726, USA							+1 218-782-2575 karl@CentralBoiler.com www.centralboiler.com	
Central Boiler Inc.	E-Classic 2400 IR	J20649	Wood	75.0	77.6	85.3	4.9	
 <p>Direct fired complete with build in buffer store. Adjust automatically to regulate output to heat demand using 3 stage combustion system. Tested to EN 303-5. Integral hot water store. Controls to regulate output to demand.</p>								
Central Boiler Inc	E-Classic 1450	J21143	Wood	44.0	84.5	91.8	4.9	
 <p>Direct fired complete with build in buffer store. Adjust automatically to regulate output to heat demand using 3 stage combustion system. Tested to EN 303-5. Integral hot water store. Controls to regulate output to demand.</p>								














Manufacturer	Appliance Name	HETAS ID Code	Fuel Type	For explanation of output and efficiency data please see introductory notes				Product Image
				Rated Output kW Water	Efficiency %		Refuel Period (h)	
					Gross	Net		
Eco Angus Ltd Unit 3G, Burnett Industrial Estate, Cox's Green, Wrington, North Somerset, BS40 5QR				 simple solutions for greener heating suppliers of MCS accredited wood burning boilers		01934 862642 info@ecoangus.co.uk www.ecoangus.co.uk		
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Orligno 200 18kW	J20610	Wood	18.0	82.4	90.5	9.7	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Orligno 200 25kW	J20611	Wood	25.0	82.5	90.7	10.4	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Orligno 200 40kW	J20612	Wood	37.7	82.4	90.5	10.9	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Orligno 200 60kW	J20613	Wood	56.2	80.9	88.9	11.2	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Orligno 200 80kW	J20614	Wood	78.0	83.0	91.2	13.3	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Super 18kW	J20561	Wood	18.0	82.4	90.5	9.7	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								











Manufacturer	Appliance Name	HETAS ID Code	Fuel Type	For explanation of output and efficiency data please see introductory notes				Product Image
				Rated Output kW Water	Efficiency %		Refuel Period (h)	
Gross	Net							
Eco Angus Ltd Unit 3G, Burnett Industrial Estate, Cox's Green, Wrington, North Somerset, BS40 5QR		 simple solutions for greener heating suppliers of MCS accredited wood burning boilers		01934 862642 info@ecoangus.co.uk www.ecoangus.co.uk				
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Super 25kW	J20562	Wood	25.0	82.5	90.7	10.4	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Super 40kW	J20563	Wood	37.7	82.4	90.5	10.9	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Super 60kW	J20564	Wood	56.2	80.9	88.9	11.2	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Super 80kW	J20565	Wood	78.0	83.0	91.2	13.3	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Super 96kW	J21280	Wood	96.0	83.0	91.2	10.8	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								
CRANP-KOVO, Spol. S r.o. Distr. by Eco Angus Ltd	Angus Super 130kW	J21281	Wood	130.0	83.0	91.2	10.8	
 <p>Combustion is controlled via the boiler water temperature and a flue gas sensor ensures automatic shut down of combustion air fan after combustion has finished. Tested to EN 303-5.</p>								

Manufacturer	Appliance Name	HETAS ID Code	Fuel Type	For explanation of output and efficiency data please see introductory notes				Product Image
				Rated Output kW Water	Efficiency %		Refuel Period (h)	
					Gross	Net		
Fröling Industriestrasse 12, 4710 Grieskirchen, Austria				07425 108773 Sales_uk@froeling.com www.froeling.com				
Fröling	S3 Turbo 20	J21030	Wood	20.0	82.4	90.5	7.7	
 Tested to BS EN 303-5.								
Fröling	S3 Turbo 30	J21032	Wood	30.0	82.4	90.5	7.7	
 Tested to BS EN 303-5.								
Fröling	S3 Turbo 40	J21034	Wood	40.0	82.3	90.4	6.1	
 Tested to BS EN 303-5.								
Fröling	S3 45	J21035	Wood	45.0	83.8	92.1	5.4	
 Tested to BS EN 303-5.								
Fröling	S4 Turbo 15	J21036	Wood	15.0	84.3	92.6	12.5	
 Tested to BS EN 303-5.								
Fröling	S4 Turbo 22	J21037	Wood	22.0	82.8	91.0	7.2	
 Tested to BS EN 303-5.								
Fröling	S4 Turbo 28	J21038	Wood	28.0	82.7	90.9	6.2	
 Tested to BS EN 303-5.								

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Boilers - Wood Logs

Manufacturer	Appliance Name	HETAS ID Code	Fuel Type	For explanation of output and efficiency data please see introductory notes				Product Image
				Rated Output kW Water	Efficiency %		Refuel Period (h)	
		Gross	Net					
Fröling Industriestrasse 12, 4710 Grieskirchen, Austria				07425 108773 Sales_uk@froeling.com www.froeling.com				
Fröling	S4 Turbo 34	J21039	Wood	34.0	82.7	90.9	6.2	
 Tested to BS EN 303-5.								
Fröling	S4 Turbo 40	J21036	Wood	40.0	82.7	90.9	6.2	
 Tested to BS EN 303-5.								
Fröling	S4 Turbo 50	J21037	Wood	50.0	82.5	90.7	4.1	
 Tested to BS EN 303-5.								
Fröling	S4 Turbo 60	J21038	Wood	60.0	82.5	90.7	4.1	
 Tested to BS EN 303-5.								
Fröling	S1 Turbo 15kW	J21303	Wood	15.0	84.2	92.5	7.0	
 Tested to BS EN 303-5.								
Fröling	S1 Turbo 20kW	J21304	Wood	20.0	83.7	92.0	5.2	
 Tested to BS EN 303-5.								

Manufacturer	Appliance Name	HETAS ID Code	Fuel Type	For explanation of output and efficiency data please see introductory notes				Product Image
				Rated Output kW Water	Efficiency %		Refuel Period (h)	
					Gross	Net		
Strebel Ltd Unit 1F Albany Park Ind. Estate, Frimley Road, Camberley, Surrey, GU16 7PB				01276 685422 info@strebel.co.uk www.strebel.co.uk				
Strebel Ltd	Turbotec 20	J21195	Wood	20.0	82.8	91.0	12.1	
 Tested to BS EN 303-5.								
Strebel Ltd	Turbotec 25	J21196	Wood	25.0	82.6	90.8	8.6	
 Tested to BS EN 303-5.								
Strebel Ltd	Turbotec 30	J21197	Wood	30.0	82.4	90.6	8.6	
 Tested to BS EN 303-5.								
Strebel Ltd	Turbotec 40	J21198	Wood	40.0	82.0	90.1	8.6	
 Tested to BS EN 303-5.								
Strebel Ltd	Turbotec 40S	J21199	Wood	40.0	82.0	90.1	8.6	
 Tested to BS EN 303-5.								
Strebel Ltd	Turbotec 50	J21200	Wood	50.0	82.1	90.2	8.6	
 Tested to BS EN 303-5.								
Strebel Ltd	Turbotec 50L	J21201	Wood	50.0	81.7	89.8	8.6	
 Tested to BS EN 303-5.								

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Boilers - Wood Logs

Manufacturer	Appliance Name	HETAS ID Code	Fuel Type	For explanation of output and efficiency data please see introductory notes				Product Image
				Rated Output kW Water	Efficiency %		Refuel Period (h)	
					Gross	Net		
Strebel Ltd Unit 1F Albany Park Ind. Estate, Frimley Road, Camberley, Surrey, GU16 7PB				01276 685422 info@strebel.co.uk www.strebel.co.uk				
Strebel Ltd	Turbotec 60	J21202	Wood	60.0	82.3	90.4	8.6	
 Tested to BS EN 303-5.								
Strebel Ltd	Turbotec 60L	J21203	Wood	60.0	81.4	89.5	13.0	
 Tested to BS EN 303-5.								
Strebel Ltd	Turbotec 70	J21204	Wood	70.0	82.4	90.5	9.9	
 Tested to BS EN 303-5.								
Windhager UK Tormarton Road, Marshfield, South Gloucestershire SN14 8SR				01225 892211 info@windhager.co.uk www.windhager.co.uk				
Windhager UK	LogWIN Premium 180	J20466	Wood	17.8	83.3	91.5	10.0	
 Tested to BS EN 303-5.								
Windhager UK	LogWIN Premium 250	J20467	Wood	25.0	83.5	91.8	-	
 Tested to BS EN 303-5.								
Windhager UK	LogWIN Premium 300	J20468	Wood	31.1	83.7	92.0	-	
 Tested to BS EN 303-5.								

Manufacturer	Appliance Name	HETAS ID Code	Fuel Type	For explanation of output and efficiency data please see introductory notes				Product Image
				Rated Output kW Water	Efficiency %		Refuel Period (h)	
					Gross	Net		
Windhager UK Tormarton Road, Marshfield, South Gloucestershire SN14 8SR				01225 892211 info@windhager.co.uk www.windhager.co.uk				
Windhager UK	LogWIN Premium 360	J20469	Wood	35.6	82.7	90.9	-	
Tested to BS EN 303-5.								
Windhager UK	LogWIN Premium 500	J20470	Wood	49.7	82.0	90.1	4.8	
Tested to BS EN 303-5.								
Windhager UK	LogWIN Klassik 180	J21287	Wood	18.0	82.6	90.8	6.6	
Tested to BS EN 303-5.								
Windhager UK	LogWIN Klassik 250	J21288	Wood	25.0	82.5	90.7	4.2	
Tested to BS EN 303-5.								
Windhager UK	LogWIN Klassik 300	J21289	Wood	30.0	82.5	90.7	4.2	
Tested to BS EN 303-5.								

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Boilers - Wood Logs