

Easy fit

Where can you install a wood heater?

You can install and run these units almost anywhere. They are designed to heat large areas by funneling clean hot air directly into the surrounding area. Exhaust gasses need to be vented through the wall or roof to the outside.

Heating requirements

Your should be sited with the recommended minimum clearances.

We recommend that your is installed centrally within the building. This removes the requirement for further ducting, which will allow the to heat the largest of premises effortlessly and efficiently as shown below.



The Fabbri air distribution systems ensures even the largest of areas are circulated with warm air



Natural Energy



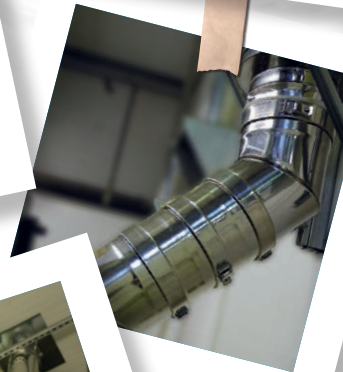
Roof support



Wall support



Starter Kit



Funnels



Working Fabbri



heater

Flue starter

Flue support stands

The flue starter kits offer a quick and simple means of connecting a space heater to a flue. The debris trap helps prevent rain and debris entering the fan assembly. The flue support stands ensures the weight of the chimney system is supported by the floor and not on the flue fan connection.



Flue stand support



Flue fan



Burn waste wood



Roof support



Ash Vac
Cleans up ash



F85 Keeping
warehouse NO1

kits



Burn waste wood



Burn seasoned wood



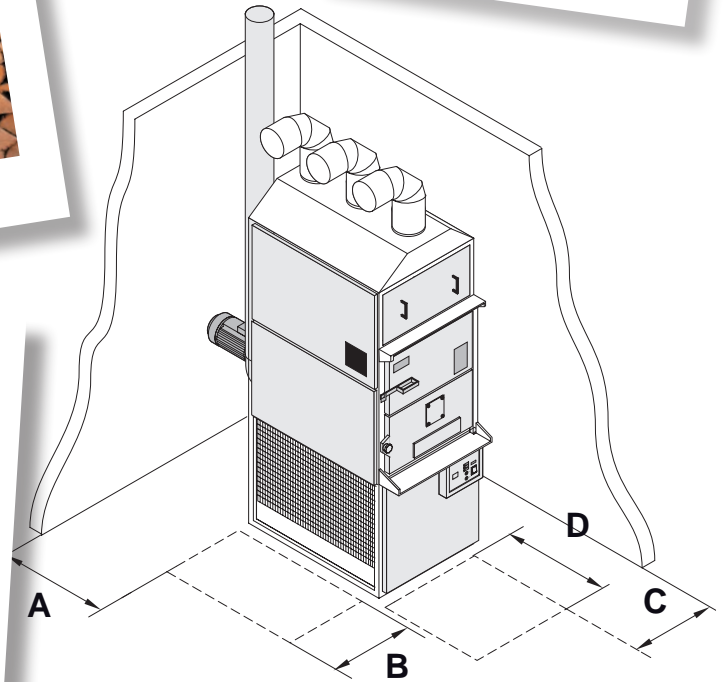
Burn wood chip



Burn logs



Burn clean, cut up pallets



Minimum clearances (mm)

Model	A	B	C	D
F28	1000	600	600	1500
F55	1000	600	600	1500
F85	1000	600	600	1500
F120	1200	600	600	1800
F240	1200	600	600	1800
F350	1200	600	600	2000

Can I burn any type of wood?

No. You can only burn dry or seasoned wood. You must not use painted, treated wood, sawdust or wood containing foreign objects or glue, which includes ply and MDF. Burning these items may cause damage to your and the environment. However you can use any other type of dry or seasoned wood, such as off cuts, broken pallets, waste wood, split logs, pellets, briquettes as well as small quantities of paper and cardboard mixed with wood.

Space Heaters

Space Heaters price & technical overview



F28	Order Code
F28 Biomass Space Heater 29kW Without flue fan. Single phase 230v	F28

Technical Information			
Unit width	550 mm	Fuel chamber width	500 mm
Unit height	1400 mm	Fuel chamber height	400 mm
Unit depth	920 mm	Ventilation fan power	0.26 kW
Flue diameter	160 mm	Ventilation exit static pressure	160pa
Air delivery pipes	2 x 180 mm Ø		
Air flow (at 15 °C)	2200 m3/hr		
Electricity supply	Single phase		
Fuel consumption @ 20% moisture	13Kg per hour		



F55	Order Code
F55 Biomass Space Heater 64kW Without flue fan. Single phase 230v.	Without flue fan F55SV
F55 Biomass Space Heater 64kW With flue fan. Single phase 230v.	With flue fan F55CV

Technical Information			
Unit width	700mm	Fuel chamber depth	660 mm
Unit height	1550 mm	Fuel chamber width	480 mm
Unit depth	1150 mm	Fuel chamber height	600 mm
Flue diameter	180 mm	Ventilation fan power	0.26 kW
Air delivery pipes	2 x 200 mm Ø	Flue fan power (CV only)	0.26 kW
Air flow (at 15 °C)	3500 m ³ /hr	Ventilation exit static pressure	160pa
Electricity supply	Single phase		
Fuel consumption @ 20% moisture	20Kg per hour		



F85	Order Code
F85 Biomass Space Heater 93kW Without flue fan. Three phase 400v.	Without flue fan F85SV
F85 Biomass Space Heater 93kW With flue fan. Three phase 400v.	With flue fan F85CV

Technical Information			
Unit width	800 mm	Fuel chamber depth	750 mm
Unit height	1760 mm	Fuel chamber width	560 mm
Unit depth	1280 mm	Fuel chamber height	700 mm
Flue diameter	180 mm	Ventilation fan power	1.12 kW
Air delivery pipes	2 x 250 mm Ø	Flue fan power (CV only)	0.26 kW
Air flow (at 15 °C)	6300 m3/hr	Ventilation exit static pressure	160pa
Electricity supply	8.5 amps supply 1.9 amps per phase		
Fuel consumption @ 20% moisture	30Kg per hour		

Please Note:

An accurate heat load appraisal must be undertaken to ensure a suitable match between the appliance and your heating requirements.

Air Heaters

Air Heaters price & technical overview



F120	Order Code
F120 Biomass Space Heater 140kW With flue fan. Three Phase 400v.	F120

Technical Information			
Unit width	930 mm	Fuel chamber depth	950 mm
Unit height	1970 mm	Fuel chamber width	600 mm
Unit depth	1700 mm	Fuel chamber height	860 mm
Flue diameter	200 mm	Ventilation fan power	2.24 kW
Air delivery pipes	3 x 250 mm Ø	Flue fan power	0.56 kW
Air flow (at 15 °C)	8900 m ³ /hr	Ventilation exit static pressure	160pa
Electricity supply	10amps supply 4 amps per phase		
Fuel consumption @ 20% moisture	43Kg per hour		



F240	Order Code
F240 Biomass Space Heater 279kW With flue fan. Three phase 400v.	F240

Technical Information			
Unit width	1100 mm	Fuel chamber depth	1200 mm
Unit height	2250 mm	Fuel chamber width	740 mm
Unit depth	1900 mm	Fuel chamber height	1040 mm
Flue diameter	200 mm	Ventilation fan power	2.98 kW
Air delivery pipes	3 x 300 mm Ø	Flue fan power	0.56 kW
Air flow (at 15 °C)	17800 m ³ /hr	Ventilation exit static pressure	160pa
Electricity supply	10amps supply 5 amps per phase		
Fuel consumption @ 20% moisture	83Kg per hour		



F350	Order Code
F350 Biomass Space Heater 399kW With flue fan. Three phase 400v.	F350

Technical Information			
Unit width	1220 mm	Fuel chamber depth	1900 mm
Unit height	2700 mm	Fuel chamber width	900 mm
Unit depth	2700 mm	Fuel chamber height	900 mm
Flue diameter	250 mm	Ventilation fan power	4.47 kW
Air delivery pipes	4 x 350 mm Ø	Flue fan power	1.12 kW
Air flow (at 15 °C)	26000 m ³ /hr	Ventilation exit static pressure	160pa
Electricity supply	15amps supply 8 amps per phase		
Fuel consumption @ 20% moisture	125Kg per hour		



Notes:
 The stated heat outputs are approximate and should be taken as a guide.
 Variables such as fuel, chimney draught, insulation and operation are all governing factors in determining the heat capacity of any biomass space heater. Installation must conform to local building and national regulations.
 All appliances must be installed by competent persons and within the required draught range. Precautions must be taken to avoid high and low draughts.
 Zero Ridge operate a programme of continuous development and reserve the right to modify its products without prior notice.



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This brochure has been created by Zero Ridge. We have made every effort to ensure correct representation. However this document is only a guide. All installations must conform to current building regulations and be installed by competent persons.

Appliances may require commissioning and at least an annual service.

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Zero Ridge operate a continuous development policy and specifications may have changed since the production of information.
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