

The Relax Principles Wood Burning Stoves

for burning Wood, Shavings, Sawdust and more.

The Primary Air Tube delivers pre-heated primary air (1) for combustion, right to the heart of the fire bed, making it practical to burn wood, sawdust, shavings, chippings and dry waste.

A second valve supplies secondary air (2) into the smokestream, aiding combustion of unburnt hydrocarbons, resulting in a cleaner burn and improved thermal efficiency - producing more heat. It also ensures that the Relax Range complies with the EC Declaration of Conformity EN13240 regarding smoke emissions.

When burning hardwood off cuts, the three larger models will last through the night without attention.

A grate ensures the ash is removed (3) and a small door enables ash removal.

Every Relax Woodburning Stove is fitted with a Safety Guard, a cast iron top rim to aid diffusion of heat, a cast iron Grate for longer life and a Top Plate for refuelling.



AIRFLOW DIAGRAM

The Relax Stoves



Relax Woodburning Stoves - the most economical and environmentally friendly way to heat your Workshop, Industrial Unit or Greenhouse, resulting in cost reduction of waste removal and reduction of heating bills. Payback can typically be less than 12 months.

Burning wood is environmentally acceptable, as the cycle of growing and burning wood is CO2 neutral.

The Hot Spot also supply a wide range of Woodburning, Multifuel, Gas & Electric Stoves and Fires for the home.

Stoves from Austraflamm, Broseley, Dovre, Dru, Dunsley, Esse, Franco Belge, Hunter, Jotul, SCAN, Stovax, Town & Country, Villager, Westfire, Wanders, Woodwarm & Yeoman.

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The Relax Selections

Wood Burning Stoves

for Wood, Shavings, Sawdust and more

Stove Selection

To help judge what size of stove you need there are two major considerations.

Physical Size

The dimensions of a stove assist the design considerations and determine the volume of waste that can be burnt.

Heat Production

The heat required for a workshop is about 6 kilowatts per 100 cubic metres

Flue Selection

Main Flue Length

A minimum of 3 vertical metres is required to achieve a reliable draw. Terminate a flue above the eaves of a building and preferably just above the ridge, avoiding unsupported lengths.

Bends

Choose from 90o and 45o bends, but smoke does not travel horizontally, so avoid long horizontal sections.

Cowls

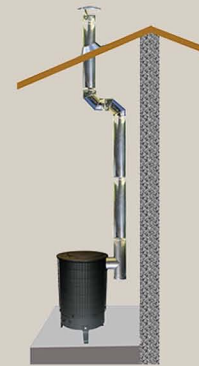
A standard Rain Top is sufficient for most applications. Swivel Cowls are required for adverse wind conditions e.g. near trees, taller buildings or flue termination below a ridge.

Flashings

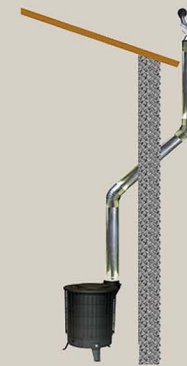
Where a flue passes through a roof, a flashing will be required.

| PRODUCT CODES | DIAMETER X HEIGHT | WEIGHT (Kg) | MAX HEAT OUTPUT | CUBIC FEET | CUBIC METRES | FLUE DIA | OUTLET | MATERIAL |
|---------------|-------------------|-------------|-----------------|------------|--------------|----------|--------|-------------|
| R1 | 300 x 500 | 14 | 4kw | 2100 | 60 | 90mm | TOP | GALV or VIT |
| R2 | 360 x 570 | 18 | 6kw | 3200 | 90 | 100mm | TOP | GALV or VIT |
| R3 | 410 x 630 | 24 | 8kw | 5000 | 140 | 110mm | TOP | GALV or VIT |
| R4 | 440 x 710 | 29 | 12kw | 7000 | 200 | 110mm | TOP | GALV or VIT |
| R5 | 480 x 790 | 51 | 15kw | 9900 | 280 | 150mm | REAR | S/S |
| R6 | 560 x 880 | 69 | 20kw | 13000 | 370 | 150mm | REAR | S/S |
| R7 | 560 x 1000 | 73 | 24kw | 16250 | 460 | 150mm | REAR | S/S |

The Relax Flue System



Roof outlet



Wall Outlet



1mtr Flue



'T' Piece



Rain Top



Swivel Cowl



45° Bend



90° Bend



Boot & Fixing Kit
For corrugated
(non-combustible) Roofs



Tiled Roofs
(For tiled or smooth
wooden roofs)

Flue components may be available in a variety of materials. Please ask your Dealer for details.

Due to continuous development, we reserve the right to change sizes and specifications without notice. Illustrations shown in this brochure are for illustrative purposes only.

All actual installations must comply with the latest building regulations and relevant installation manuals. All quoted heat output figures are an indicative guideline only.

The Relax Boilers

Re-cycle : Turn your waste into Central Heating



Clip-in Boiler



Upgrade your **Relax Stove** by adding a boiler to heat:

- That remote corner
- The office next door
- Your greenhouse

Either **Retro-Fit** your existing stove or take advantage of a **Package Deal**.

Relax Boiler Specification

| Model | R3 | | | R4 | | | R5 | | | R6 | | | R7 | | |
|---------------------|-------|-----|------|------|-----|------|------|------|------|------|------|------|------|------|------|
| Max Output (kW) | 8 | | | 12 | | | 15 | | | 20 | | | 24 | | |
| Boiler Output (BTU) | Room | DHW | Rads | Room | DHW | Rads | Room | DHW | Rads | Room | DHW | Rads | Room | DHW | Rads |
| | 8,000 | 5.5 | ✓ | - | 9.5 | ✓ | - | 12.5 | ✓ | - | 17.5 | ✓ | - | 21.5 | ✓ |
| 16,000 | - | - | - | 7.0 | ✓* | 2 | 10.0 | ✓* | 2 | 15.0 | P | 2.0 | 18.0 | ✓ | 2 |
| 20,000 | - | - | - | - | - | - | 9.0 | ✓* | 3 | 14.0 | ✓* | 3.0 | 18.0 | ✓* | 3 |
| 27,000 | - | - | - | - | - | - | - | - | - | 11.0 | ✓* | 5.0 | 15.0 | ✓* | 5 |

✓ - Rear or Side Boiler ✓* - Side Boiler only



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