

# STAR STOVES

STOVE MANUFACTURING COMPANY

[www.starstoves.gr](http://www.starstoves.gr)

2018



# OUR COMPANY VALUES

## TRADITION

It has been almost 40 years since 1978, when StarStoves started manufacturing wood burning stoves. Our experience, combined with our dedication for our work, helps us create every year high quality and design stoves that suit every lifestyle and setting, from the very traditional to the most contemporary.



### **Quality**

All our stoves are manufactured by the best craftsmen and tested thoroughly before sold to our customers. Moreover our company applies Quality Management System according to EN ISO 9001:2008 Standard, certified by TUV AUSTRIA ACADEMY. The result is a defect rate below 1% which keeps our customers satisfied through the years. All our products are CE certified according to EU standards.



### **Innovation - Technology**

Through the ages new technology achievements have turned the simplest thing, like a wood burning stove, into a sophisticated device that can heat a modern house very efficiently and with respect to the environment. From tertiary combustion system Ecoburn<sup>2</sup> to the automatic Cooker Exhaust Hood, our products use innovations that make them stand among others.



## ST 209

### WOOD BURNING STEEL STOVE

Nominal Output: 11.8 KW  
Efficiency: 77.7 %  
Heating Capacity: 70 - 80 m<sup>2</sup>  
Dimensions (WxDxH): 48x35x80 cm  
Weight: 45 Kg  
Flue Pipe Diameter: Ø12 cm  
Fire Chamber Insulation: Vermiculite Board SF750



## ST 210



### WOOD BURNING STEEL STOVE

Nominal Output: 12.1 KW  
Efficiency: 79.7 %  
Heating Capacity: 70 - 80 m<sup>2</sup>  
Dimensions (WxDxH): 47x37x80 cm  
Weight: 53 Kg  
Flue Pipe Diameter: Ø12 cm  
Fire Chamber Insulation: Vermiculite Board SF750



Adjustable Primary/Secondary Air Inlet  
Tertiary Combustion System **Ecoburn<sup>2</sup>**

## ST 212



### WOOD BURNING STEEL STOVE

Nominal Output: 14.1 KW  
Efficiency: 79.3%  
Heating Capacity: 80 - 95 m<sup>2</sup>  
Dimensions (WxDxH): 49x45x92 cm  
Weight: 73 Kg  
Flue Pipe Diameter: Ø15 cm  
Fire Chamber Insulation: Vermiculite Board SF750



Adjustable Primary/Secondary Air Inlet  
Tertiary Combustion System **Ecoburn<sup>2</sup>**





**ST 214**



**WOOD BURNING STEEL STOVE**

Nominal Output: 17.1 KW  
 Efficiency: 79.4%  
 Heating Capacity: 100 - 110 m<sup>2</sup>  
 Dimensions (WxDxH): 65x37x80 cm  
 Weight: 72 Kg  
 Flue Pipe Diameter: Ø15 cm  
 Fire Chamber Insulation: Vermiculite Board SF750



Adjustable Primary/Secondary Air Inlet  
 Tertiary Combustion System **Ecoburn<sup>2</sup>**

Models equipped with **Ecoburn<sup>2</sup>** have a pre-heated tertiary air inlet to the back of the burning chamber just below the baffle. This air inlet inserts super heated air just above the fire and creates the conditions for tertiary combustion to take place, increasing the Efficiency and reducing the wood consumption of the stove.



**Ecoburn<sup>2</sup>**

**ST 2070**



**FIREPLACE STEEL STOVE WITH HOT AIR FAN**

Nominal Output: 17.4 KW  
 Efficiency: 81.2%  
 Heating Capacity: 100 - 110 m<sup>2</sup>  
 Dimensions (WxDxH): 74x46x89 cm  
 Weight: 100 Kg  
 Flue Pipe Diameter: Ø15 cm  
 Fire Chamber Insulation: Vermiculite Board SF750



Adjustable Primary/Secondary Air Inlet  
 Tertiary Combustion System **Ecoburn<sup>2</sup>**



Hot Air Fan (220v, 243 m<sup>3</sup>/h, 35W)

The base is removable so that the stove can be used as a Fireplace insert (height without the base 54,5 cm)



\*The above products are available in more colors





# ST 218



## WOOD BURNING STEEL STOVE WITH OVEN

Nominal Output:	14 KW
Efficiency:	79.5 %
Heating Capacity:	80 - 90 m <sup>2</sup>
Dimensions (WxDxH):	49x45x92 cm
Weight:	77 Kg
Flue Pipe Diameter:	Ø15 cm
Fire Chamber Insulation:	Vermiculite Board SF750
Oven:	Enamel Plated 37x40 cm



Cooker Exhaust Hood  
Oven Thermometer  
Adjustable Primary/Secondary Air Inlet



### Automatic Cooker Exhaust Hood:

Cooking stoves **ST218** and **ST220** are equipped with a patented Cooker Exhaust Hood system that eliminates oven odors and smoke by extracting them through the stove flue pipe.



# ST 220



## WOOD BURNING STEEL STOVE WITH OVEN

Nominal Output:	16.4 KW
Efficiency:	79.5 %
Heating Capacity:	100 - 110 m <sup>2</sup>
Dimensions (WxDxH):	56x50x92cm
Weight:	87 Kg
Flue Pipe Diameter:	Ø15 cm
Fire Chamber Insulation:	Vermiculite Board SF750
Oven:	Enamel Plated 45x45 cm



Cooker Exhaust Hood  
Oven Thermometer  
Adjustable Primary/Secondary Air Inlet

**ST 219****WOOD BURNING STEEL STOVE WITH OVEN**

Nominal Output: 15.4 KW  
 Efficiency: 77,5 %  
 Heating Capacity: 90 - 100 m<sup>2</sup>  
 Dimensions (WxDxH): 56x47x89cm  
 Weight: 83 Kg  
 Flue Pipe Diameter: Ø15 cm  
 Fire Chamber Insulation: Firebrick  
 Oven: Enamel Plated 40x40 cm



Oven Thermometer  
 Grill Rack

**ST 217****WOOD BURNING STEEL STOVE WITH OVEN**

Nominal Output: 11.5 KW  
 Efficiency: 81 %  
 Heating Capacity: 75 - 85 m<sup>2</sup>  
 Dimensions (WxDxH): 92x55x75cm  
 Weight: 90 Kg  
 Flue Pipe Diameter: Ø15 cm  
 Fire Chamber Insulation: Vermiculite Board SF750  
 Oven: Enamel Plated 45x45 cm



Oven Thermometer  
 Grill Rack

**ST 205****WOOD BURNING STEEL STOVE WITH OVEN**

Nominal Output: 9 KW  
 Efficiency: 78 %  
 Heating Capacity: 65 - 75 m<sup>2</sup>  
 Dimensions (WxDxH): 80x46x72cm  
 Weight: 75 Kg  
 Flue Pipe Diameter: Ø12 cm  
 Fire Chamber Insulation: Vermiculite Board SF750  
 Oven: Enamel Plated 40x40 cm



Oven Thermometer  
 Grill Rack







## ST 215 - OVAL

WOOD BURNING STEEL STOVE



Nominal Output:	13.1 KW
Efficiency:	79.8%
Heating Capacity:	75 - 90 m <sup>2</sup>
Dimensions (WxDxH):	62x47x93 cm
Weight:	110 Kg
Flue Pipe Diameter:	Ø15 cm
Fire Chamber Insulation:	Vermiculite Board SF750



Tertiary Combustion System **Ecoburn<sup>2</sup>**



Natural convection heat transfer

## ST 216

WOOD BURNING STEEL STOVE



Nominal Output:	16,1 KW
Efficiency:	79,5%
Heating Capacity:	90 - 100 m <sup>2</sup>
Dimensions (WxDxH):	66x51x73 cm
Weight:	105 Kg
Flue Pipe Diameter:	Ø15 cm
Fire Chamber Insulation:	Vermiculite Board SF750



Tertiary Combustion System **Ecoburn<sup>2</sup>**



Natural convection heat transfer



\*The above products are available in more colors



**SB 30****WOOD BURNING STEEL STOVE WITH BOILER**

Water Nominal Output:	<b>26 KW</b>
Space Nominal Output:	<b>5 KW</b>
Efficiency:	<b>78 %</b>
Heating Capacity:	<b>120 - 150 m<sup>2</sup></b>
Dimensions (MxΠxY):	<b>64x59x96 cm</b>
Weight:	<b>145 Kg</b>
Boiler Water Capacity:	<b>40 Lt</b>
Flue Pipe Dimension:	<b>Ø15 cm</b>
Fire Chamber Insulation:	<b>Vermiculite Board SF750</b>

**SB 40****WOOD BURNING STEEL STOVE WITH BOILER**

Water Nominal Output:	<b>25 KW</b>
Space Nominal Output:	<b>5 KW</b>
Efficiency:	<b>78 %</b>
Heating Capacity:	<b>120 - 150 m<sup>2</sup></b>
Dimensions (MxΠxY):	<b>64x59x96 cm</b>
Weight:	<b>150 Kg</b>
Boiler Water Capacity:	<b>40 Lt</b>
Flue Pipe Dimension:	<b>Ø15 cm</b>
Oven:	<b>Enamel Plated 37x40 cm</b>
Fire Chamber Insulation:	<b>Vermiculite Board SF750</b>



## S 117

### WOOD BURNING CAST IRON STOVE WITH OVEN

Nominal Output:	10 KW
Efficiency:	79.8%
Heating Capacity:	70 - 80 m <sup>2</sup>
Dimensions (WxDxH):	85x53x74 cm
Weight:	130 Kg
Flue Pipe Diameter:	Ø12 cm
Oven:	Enamel Plated 45x45 cm



## S 116

### CAST IRON FIREPLACE STOVE

Nominal Output:	14 KW
Efficiency:	78%
Heating Capacity:	90 - 100 m <sup>2</sup>
Dimensions (WxDxH):	70x43x71 cm
Weight:	105 Kg
Flue Pipe Diameter:	Ø15 cm

## S 115

### WOOD BURNING CAST IRON STOVE

Nominal Output:	10 KW
Efficiency:	76%
Heating Capacity:	70 - 80 m <sup>2</sup>
Dimensions (WxDxH):	40x30x72 cm
Weight:	80 Kg
Flue Pipe Diameter:	Ø12 cm



## S 113

### WOOD BURNING CAST IRON STOVE

Nominal Output:	9KW
Efficiency:	76%
Heating Capacity:	60 - 70 m <sup>2</sup>
Dimensions (WxDxH):	32x28x71 cm
Weight:	70 Kg
Flue Pipe Diameter:	Ø12 cm



## WOOD BURNING ENAMEL STOVE



### ST 312

### ST 309



11 KW	Nominal Output	10 KW
76%	Efficiency	76%
65 - 75 m <sup>2</sup>	Heating Capacity	60 - 70 m <sup>2</sup>
42x44x77 cm	Dimensions (WxDxH)	35x42x73 cm
70 Kg	Weight	65 Kg
Ø 12 cm	Flue Pipe Diameter	Ø 12 cm



Cast Iron Plate and Front Side



## WOOD BURNING ENAMEL STOVE



### ST 108

### S 108



10 KW	Nominal Output	8 KW
75%	Efficiency	75%
60 - 70 m <sup>2</sup>	Heating Capacity	50 - 60 m <sup>2</sup>
34x36x76 cm	Dimensions (WxDxH)	34x36x66 cm
50 Kg	Weight	45 Kg
Ø 12 cm	Flue Pipe Diameter	Ø 12 cm



Cast Iron Plate and Front Side







## OIL BURNING STOVES



### STAR 80 OIL BURNING STOVE

Nominal Output:	8 000 Calories
Efficiency:	76 %
Heating Capacity:	40 - 50 m <sup>2</sup>
Dimensions (WxDxH):	36x49x70 cm

### SP 120 OIL BURNING STOVES

Nominal Output:	12 KW
Efficiency:	83 %
Heating Capacity:	55 - 65 m <sup>2</sup>
Dimensions (WxDxH):	50x51,5x85 cm
Weight:	40 Kg
Flue Pipe Diameter:	Ø12 cm
Oil Consumption:	(min - max) 0,3 - 1,0 Lt / H



### Ventilator

New generation Oil Burning Stoves **SP120** and **SP200** are equipped with hot air Ventilator that distributes hot air to the space. Furthermore **SP200** is equipped with a blower to the fire chamber that boosts its Efficiency and heating power.

### SP 200 OIL BURNING STOVES

Nominal Output:	17 KW
Efficiency:	86 %
Heating Capacity:	70 - 80 m <sup>2</sup>
Dimensions (WxDxH):	55x51,5x88 cm
Weight:	50 Kg
Flue Pipe Diameter:	Ø12 cm
Oil Consumption:	(min - max) 0,55 - 1,5 Lt / H





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