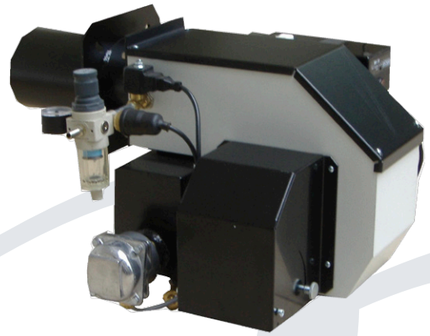
Renewable energy

Recommended use and operating limits available in the technical datasheets on our Internet site

BPC BPC MULTI-FUEL BURNER

BURNER COMPATIBLE WITH CONVENTIONAL CHAMBERS AND ABLE TO BURN:

- Vegetable oils (Sunflower, Rapeseed, Cotton, Castor, Palm, Soya, Groundnut)
- Domestic fuel oil (DFO)
- Recycled mineral oil in accordance with the regulations in force



ROBUST Exceptionally long life

GREAT OPERATING FLEXIBILITY

Highly reliable Renewable raw material

ALTERNATIVE TO PETROLEUM OIL MONOCULTURE

PRODUCTION OF AGRICULTURAL ORIGIN

Sends an ecological message Non-polluting

TECHNICAL CHARACTERISTICS

			BPC60		BPC130	
Fuel			**Vegetable oil**	**DFO**	**Vegetable oil**	**DFO**
Thermal power	**max**	kW	60	60	130	130
	min	kW	35	35	60	60
Fuel oil flow	**max**	kg/h	6.5	5.8	14	12.6
	min	kg/h	3.8	3.4	6.5	5.8
Fuel temperature		°C max	85	15	85	15
Compressed air pressure		bar	1.5	0.5	3.5	0.8
Electric motor power		W	110	110	110	110
Heater power		W	670	670	670	670
Electrical supply			1 x 230 V + N - 50 Hz			
Mass		kg	25	25	26	26

TECHNICAL DESCRIPTION

Complete combustion ensured by the simultaneous operation of 3 circuits:

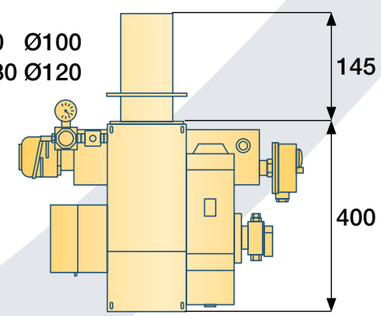
- Fuel circuit, which is fed by a pump in the heating tank where the oil is pre-heated
- Combustion air circuit, regulated by the air flap upstream of the fan, and the air delivered to the combustion head
- Compressed air circuit for drawing and atomising the oil by pressure drop in the air flow

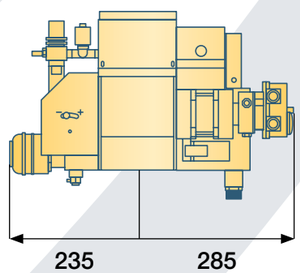
The oil/air mixture burns and produces energy

The whole assembly is controlled by the automatic ignition and burner safety system

DIMENSIONS

BPC60 Ø100
BPC130 Ø120



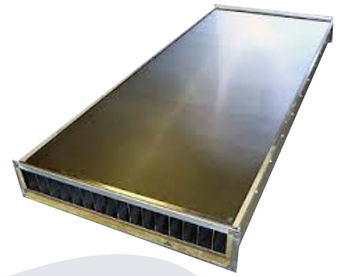


APPLICATIONS

Agricultural greenhouses | Agricultural depots | Livestock farming | Automotive garages | Bitumen containers (holding at temperature)

For more information on the **BPC multi-fuel burner,** scan this QR code with your smartphone or see our Internet site

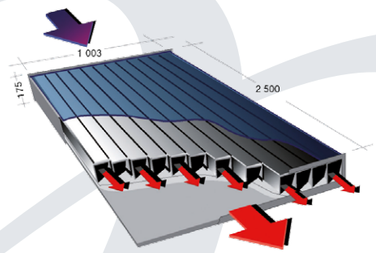
AIRSOLAR THERMAL SOLAR HEATER



"SOLAR" SOLUTION FOR:

- heating
- pre-heating new air inputs
- pre-heating recycled air

OPERATING PRINCIPLE



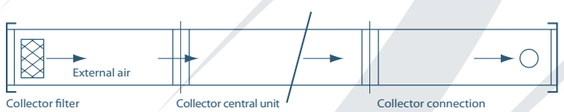
Air is taken either from outside the building or from the ambient air (recycling). It circulates inside aluminium channels where it absorbs the heat from solar radiation

This air can be introduced directly into the building through a ventilator or can feed an air handling unit

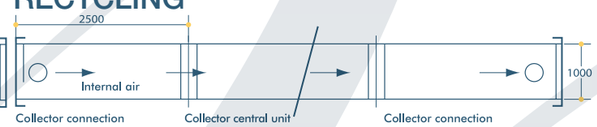
Operation can be entirely with new air or recycled air

Parallel and/or in series mounting possible

ENTIRELY NEW AIR



RECYCLING



TECHNICAL CHARACTERISTICS

- Surface area of collector: 20 m² (2.50 m² per module)
- Rated heating power: 13.4 kW
- Electrical data: 230 V / 50 Hz / 0.81 A / 185 W
- Collector dimensions: length x width x height: 20 m x 1 m x 0.175 m
- Nominal air duct diameter: DN 250
- Total weight of collector: 610 kg
- Energy savings: ~ 525 kWh / year / m²
- Air flow rate: 660 to 2 000 m³/h
- Galvanised steel casing
- 4 mm ESG safety glass
- Aluminium absorbers
- Rear insulation with 50 mm mineral wool panels
- Side insulation with 20 mm mineral wool panels
- High quality filter

SIMPLE AND ECONOMICAL Very highly reliable

PRIMARY ENERGY SAVING

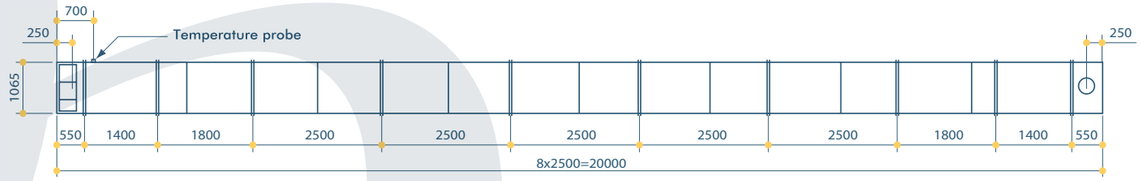
No maintenance **Makes use of free solar energy**

REDUCED CO_2 GREENHOUSE GAS EMISSIONS

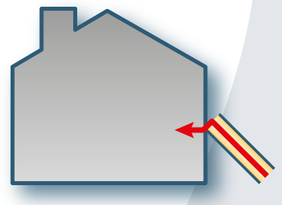
Rapid installation No running costs

INSTALLATION PRINCIPLE

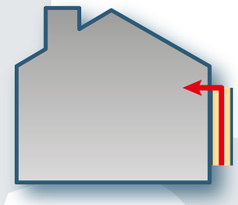
Solar cells can be mounted vertically or horizontally, on south-facing, south-east-facing or south-west-facing roof or wall. With mounting kits installation is simple and flexible.



AirSolar 20 m²

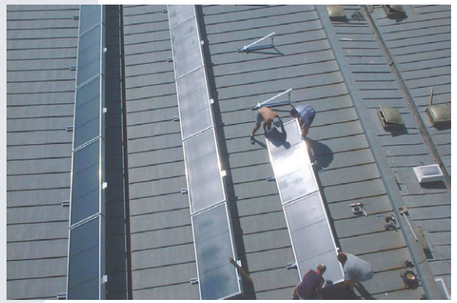


Mounting kit for flat roof or ground



Wall mounting kit - Ideal in areas of snowfall

Mounting kit for pitched roof



For more information on **AirSolar thermal solar heater,** scan this QR code with your smartphone or see our Internet site