











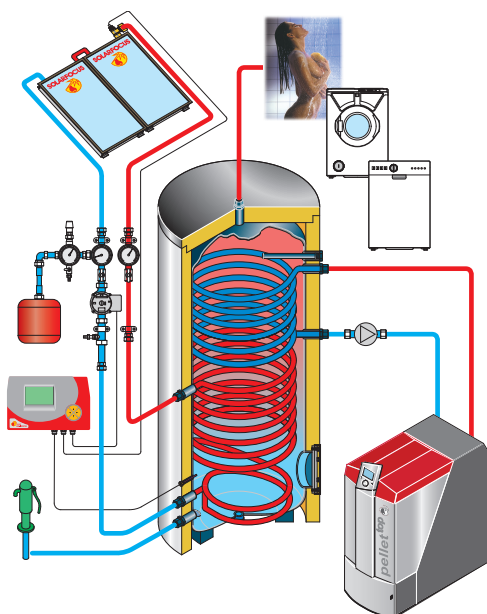
Your benefits

- 4 Can be used anywhere:
 - Hot water
 - Auxiliary heating
 - Swimming pool heating
- 4 Only high quality corrosion and rust-resistant materials used
NO RUBBER SEALS, NO PLASTIC, NO WOOD
- 4 Seal-tight welded aluminium tank - protects the interior of the collector for many decades
- 4 Highly selective **blue line** full surface absorber
- 4 50 mm rear wall insulation - ensures high operating efficiency
- 4 4 mm low iron solar glass: 92% solar transmission
- 4 Low fitting costs thanks to straightforward pipe work
- 4 Suitable for all assembly types (inside roof, outside roof, free-standing, wall mounted, ...)

Design recommendation - collector surface/collector

Please be aware of your location, the proportion of solar coverage, the consumption profile, the energy rating and the type of your heating system.

Number of persons	Use	Collector-surface	Storage capacity	Number of persons	Use	Collector surface	Storage capacity
 2-4		5,4 m² SOLARFOCUS Sunny-28 2 at 2,7 m ²	300 l solar storage	 2-4	  for 90m ² living area	10,8 m² SOLARFOCUS Sunny-28 4 at 2,7 m ²	800 l ECO-ZONE HYKO Buffer boiler
 4-6		8,1 m² SOLARFOCUS Sunny-28 3 at 2,7 m ²	500 l solar storage	 4-6	  for 120m ² living area	16,2 m² SOLARFOCUS Sunny-28 6 at 2,7 m ²	1.000 l ECO-ZONE HYKO Buffer boiler
Hot water				Hot water + auxiliary heating			



The "Solare" hot water system

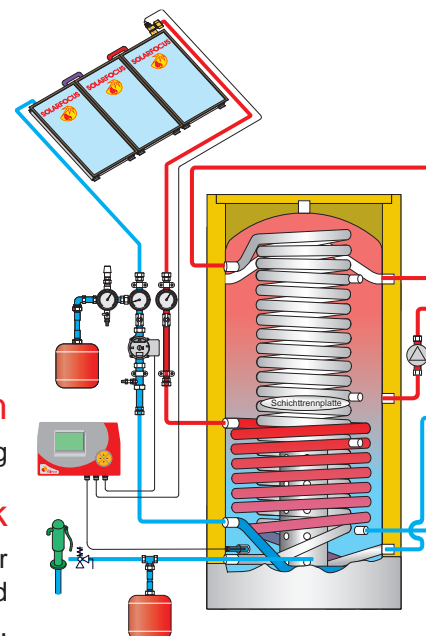
Makes optimum use of the power of the sun combined with your heating system.

The "Solare" compact system

Hot water and auxiliary heating

"HYKO" combination tank

Provides hot water and service water
Hot water is provided hygienically under the flow principle.



Technical data

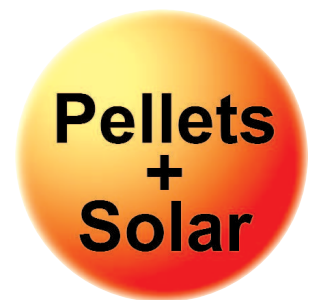
STRUCTURE	Flat collector
DIMENSIONS Sunny 21	1.785 x 1.155 mm (2.1 m ²) x 85 mm
Sunny 28	2.400 x 1.155 mm (2,77 m ²) x 85 mm
APERTURE SURFACE Sunny 21 / Sunny 28	1,82 m ² / 2,5 m ²
WEIGHT (EMPTY) Sunny 21 / Sunny 28	40 kg/50 kg
CAPACITY Sunny 21 / Sunny 28	1,08 liters/1,3 litres
CONVERSION FACTOR	0,78
HEAT LOSS FACTOR	3,4 W/m ² K
RATE OF FLOW	20 - 70 l/m ² h
LOSS OF PRESSURE at 20° and 50l/m ² h	4,7 mbar/m ²
GLASS COVER	4 mm solar safety glass
MAX. OPERATING PRESSURE	10 bar



TESTED TO EN 12975-1,2 : 2000

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SOLARFOCUS GmbH Werkstraße 1 A-4451 St. Ulrich/Steyr

e-mail: office@solarfocus.at
web: www.solarfocus.at

Tel.: +43 (0)7252 / 50 002-0
Fax: +43 (0)7252 / 50 002-10

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