



coolwex

COOLWEX EXCLUSIVE DUO AND COOLWEX SOLAR DHW

SOLAR KITS FOR DRAIN HOT WATER HEATING
IN COMBINATION WITH THE HEAT PUMP AIR-WATER

CATCH THE FREE AND EVERLASTING ENERGY OF THE SUN, AIR AND WATER

By making decision to invest in the solar system for DHW heating and central heating support:

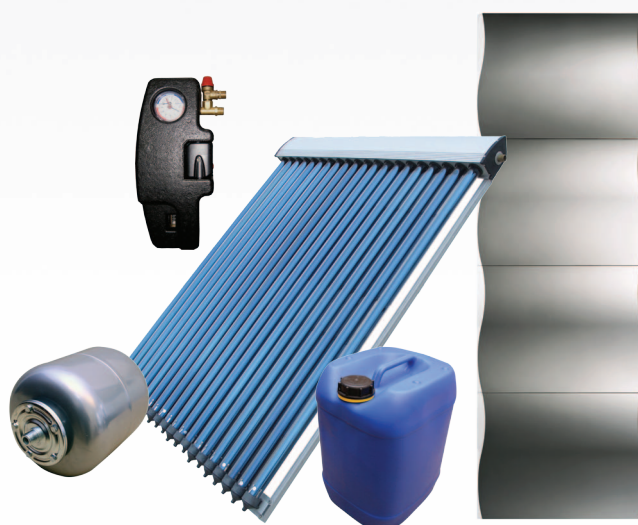
- we assure savings in energy costs for DHW heating up to 80%,
- we provide convenience, safety and warmth of our home,
- we assure heating in winter and cooling in summer,
- we act responsibly towards the environment in which we are living.

Main advantages:

- operating throughout the year, including in times of low temperatures and cloudy skies,
- solar collector and a heat-pump operate at temperatures of up to -25°C,
- great absorption regardless of the angle of the solar radiation,
- the newest principle regarding the solar energy exploitation (Heat Pipe technology) assures maximum outcome,
- 270 liter DHW boiler made of INOX steel is integrated in the indoor unit of the heat pump,
- quick and easy installation, fits into any boiler room,
- all suitable quality certificates, including Solar Keymark

Solar set includes:

- heat pump Coolwex Exclusive Duo,
- high quality vacuum solar heater, working on Heat pipe technology,
- one-way solar station with a solar circulation pump,
- expansion vessel,
- antifreeze liquid,
- mounting kit for flat or sloped surface,
- collector ventilation set,
- small material for solar circuit.



Content of solar kits for DHW (drain hot water) heating in combination with heat pump:

	PUHZ-HRP 71VHA2			PUHZ-HRP 100VHA2/100YHA			PUHZ-HRP 125VHA2		
vacuum collector - 20 HQ dimensions (WxHxD): 2010x2420x189	1			1			1		
gross area	4,9 m ²			4,9 m ²			4,9 m ²		
net area	3,74 m ²			3,74 m ²			3,74 m ²		
number of mounting kits	1			1			1		
solar station Coolwex	1			1			1		
solarna expansion wessel	25 l			25 l			25 l		
antifreeze liquid	20 l			20 l			20 l		
ventilation set	1			1			1		
heated water temperature	W35	W45	W55	W35	W45	W55	W35	W45	W55
nominal power	8,0	8,0	8,0	11,2	11,2	11,2	14,0	14,0	14,0
energy consumption	1,82	2,50	3,33	2,63	3,46	4,55	3,32	4,38	5,95
COP heating number	4,40	3,20	2,40	4,26	3,24	2,46	4,22	3,20	3,20
guaranteed working range (temp.)	-25 do 35			-25 do 35			-25 do 35		
specified water flux (nominal)	22,9			32,1			40,1		
max. temp. of outgoing water	60			60			60		

