



Saat anda menginap dihotel
dan menggunakan air panas
Besarnya kemungkinan air panas
tersebut dari :



DESCRIPTION

Solahart have combined our extensive solar water heating experience with efficient heat pump technology, to provide a commercial water heating system with outstanding energy efficiency; a 'hybird' solution that can provide some powerful synergies.

Using solar energy to generate hot water typically provides savings of 50% to 80% of the daily water heating energy requirement, with the remaining 'boost' energy traditionally supplied by electric heating elements or fossil fuel burning methods.

Heat pumps use refrigeration process technology to efficiently extract energy from the surrounding ambient air, and can operate day or night, rain or shine. Our Commercial Heat Pumps typically have a Coefficient of Performance (COP) greater than 4.0*, which means that

more than 75% of the energy used to produce hot water is free from the atmosphere !

By tailoring for your project an optimised combination of solar collector and heat pump boosting, with intelligent storage and control systems, savings up to 80-90% of water heating energy consumption can be achieved.

The closed circuit design, incorporating storage tanks with a double ceramic lining, ensures long life even in areas with hard water quality. The possibility to combine multiple storage vessels in a modular concept means you won't run short of hot water, no matter how large your project is.

* Based upon 24°C / 60%RH ambient air conditions



Key Features

- Uses Commercial grade heat pump to extract heat from the atmosphere, day or night.
- Choice of Solahart's efficient LC, LCS, or BT Commercial solar collector designs.
- Reliable and durable system, suitable for frostprone or hard water areas.
- Intelligent controller with display and pump speed control.
- Design flexibility for project-specific optimised solutions.
- Optimum performance in all weather and climates, saving up to 80 to 90% of water heating energy consumption.



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Solahart
HOT WATER *Free* FROM THE SUN®

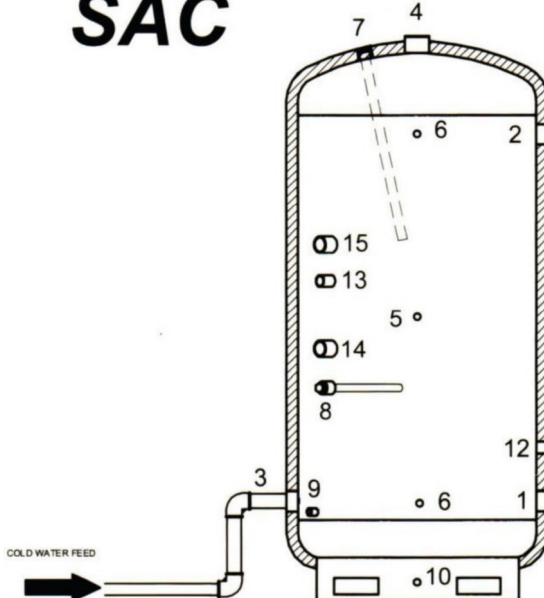


Specifications

		Storage Vessel 1000 L	Storage Vessel 2000 L
Gross Volume	litre	1000	2000
Net Volume	litre	1000	2000
Construction		Quality steel S275 JR in Compliance with DIN 4735	
Corrosion Protection		Double Enamel Layer with Magnesium Anode	
Insulation		Polyurethane	
Diameter ¹	mm	900	1200
Height ¹	mm	2030	2445
Weight	kg	271	442
Max Operating Pressure	bar	10	6
Connections	2,5"	-	2
	2"	4	-
	1,25"	1	2
	1"	8	-
	0,75"	-	1
	0,5"	-	2

¹ Inclusive of Insulation

SAC



www.sinargadinglks.com

1	MANDATA ACQUA CALDA SANITARIA / HOT WATER DRAW-OFF / WARMWASSERAUSTRITT / ENTRE D'EAU CHAUDE SANITAIRE / ВХОД ПОДАЮЩЕЙ ГОРЯЧЕЙ ВОДЫ
2	RITORNO ACQUA CALDA SANITARIA / HOT WATER RETURN / HEIZWASSERRÜCKLAUF / SORTIE D'EAU CHAUDE SANITAIRE / ОБРАТНАЯ МАГИСТРАЛЬ ГОРЯЧЕЙ ВОДЫ
3	INGRESSO ACQUA FREDDA SANITARIA / COLD WATER FEED / KALTWASSER EINLAUF / ENTRE EAU FROIDE SANITAIRE / ВХОД ХОЛОДНОЙ ВОДЫ
4	USCITA ACQUA CALDA SANITARIA / HOT WATER OUTLET / WARMWASSER AUSLAUF / SORTIE EAU CHAUDE SANITAIRE / ВЫХОД ГОРЯЧЕЙ ВОДЫ
5	RICIRCOLO / CIRCULATION / ZIRKULATION / ЦИРКУЛЯЦИЯ
6	SONDA / PROBE / FÜHLERANSCHLUSS / SOND / ДАТЧИКИ
7	ANODO DI MAGNESIO (SAC 300+1000) / MAGNESIUM ANODE (SAC 300+1000) / MEGNESIUM ANODE (SAC 300+1000) / ANODE EN MAGNESIUM (SAC 300+1000) / МАГНИЕВЫЙ АНОД (SAC 300+1000)
8	ANODO DI MAGNESIO (SAC 1500+5000) / MAGNESIUM ANODE (SAC 1500+5000) / MEGNESIUM ANODE (SAC 1500+5000) / ANODE EN MAGNESIUM (SAC 1500+5000) / МАГНИЕВЫЙ АНОД (SAC 1500+5000)
9	SCARICO (SAC 300+1000) / DRAIN (SAC 300+1000) / ENTWÄSSERUNG (SAC 300+1000) / DRAINAGE (SAC 300+1000) / ДРЕНАЖ (SAC 300+1000)
10	SCARICO (SAC 1500+5000) / DRAIN (SAC 1500+5000) / ENTWÄSSERUNG (SAC 1500+5000) / DRAINAGE (SAC 1500+5000) / ДРЕНАЖ (SAC 1500+5000)
11	CONNESSIONE VASO DI ESPANSIONE SANITARIO (SAC 1500+5000) / CONNECTION FOR SANITARY EXPANSION TANK (SAC 1500+5000) / ANSCHLUS FÜR SANITAR-AUSDEHNUNGSGEFÄSS SERIE D (SAC 1500+5000) / RACCORD POUR LE VASE D'EXPANSION SANITAIRE (SAC 1500+5000) / СОЕДИНЕНИЕ РАССИРИТЕЛЬНОГО БАКА ДЛЯ ГВС (SAC 1500+5000)
12	PREDISPOSIZIONE ANODO DI MAGNESIO (SAC 1500+5000) / SUPPLEMENTARY ANODE CONNECTION (SAC 1500+5000) / MAGNESIUM ANODE (SAC 1500+5000) / ANSCHLUSMÖGLICHKEIT FÜR MAGNESIUMANODE (SAC 1500+5000) / PRÉPARATION ANODE DE MAGNESIUM (SAC 1500+5000) / ПРЕДРАСПОЛОЖЕНИЕ МАГНИЕВЫЙ АНОД (SAC 1500+5000)
13	RESISTENZA ELETTRICA (SAC 300+1000) / IMMERSION HEATER (SAC 300+1000) / ELEKTROHEIZUNG (SAC 300+1000) / RESISTANCE ELECTRIQUE (SAC 300+1000) / ЭЛЕКТРИЧЕСКИЕ СОПРОТИВЛЕНИЯ (SAC 300+1000)
14	RESISTENZA ELETTRICA (SAC 1500+5000) / IMMERSION HEATER (SAC 1500+5000) / ELEKTROHEIZUNG (SAC 1500+5000) / RESISTANCE ELECTRIQUE (SAC 1500+5000) / ЭЛЕКТРИЧЕСКИЕ СОПРОТИВЛЕНИЯ (SAC 1500+5000)