

System Overview

	SOLUS COMFORT			SOLUS COMFORT PRO			
System volume ¹⁾	550	800	1000	560L	850L	1050L	2200L
Hot water requirements for people	2-7	2-7	2-7	2-7	2-8	2-10	2-10
Simultaneous use of showers or baths ²⁾	2S/1B	3S/1B	3S/1B	2S/1B	3S/2B	4S/2B	4S/2B
Required collector area Flat plate collectors in m ²	5-10,5	7-15,5	7-15,5	5-10,5	7-15,5	10-20	12-26
Required collector area Evacuated tube collectors in m ²	4,5-10	7-14	7-14	4,5-10	7-14	10-19	12-24
Especially high energy savings also in winter	■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾
Application possibilities:							
Hot water provision	■	■	■	■	■	■	■
Solar support for space heating and hot water provision	■	■	■	■	■	■	■
Boiler buffering (e.g. for log fired stoves)	■	■	■	■	■	■	■
Heat sources besides solar:							
Pellets, logs, oil, gas boilers with boiler buffering	■	■	■	■	■	■	■
Pellets, logs, oil, gas boilers without boiler buffering	■	■	■	■	■	■	■
Heat pumps				■	■	■	■
Electric immersion heaters	■	■	■	■	■	■	■
Solar heat-exchanger systems:							
Patented high performance stainless steel stratified loader							
Patented high performance stratified loader ⁵⁾	■	■	■	■	■	■	■
Direct heating of the thermal store water							
Hot water provision systems:							
Patented high performance continuous flow heater	■	■	■	■	■	■	■
with additional heat exchanger				■	■	■	■
Simple descaling methods ⁶⁾	■	■	■	■	■	■	■
Patented high performance insulation system:							
Polypropylene foam with air cushion							
PS foam with aluminium foil and air cushion	■ ⁷⁾	■ ⁷⁾	■ ⁷⁾	■	■	■	■
ALU-LEEPS foam with air cushion							

1) | The high performance insulation and the exceptional heat exchanger technology enable direct comparison of Consolar thermal stores with others of much greater volumes

2) | Refers to one heat exchanger. Parallel connection, for example in multi-family houses, will provide for an increased number of simultaneous showers or baths

3) | In combination with TUBO evacuated tube collectors

4) | It is not possible to retro-fit with an immersion heater after installation; please order at the time of ordering the entire system

5) | Heated water saved to one of three zones via the inflow pipe

6) | Descaling methods are limited in tank-in-tank thermal stores and thermal stores with steel shaft pipes for heating the mains water

7) | Without aluminium foil



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