

Hot water, heating and cooling
in one stratified storage tank.

DUOLINK

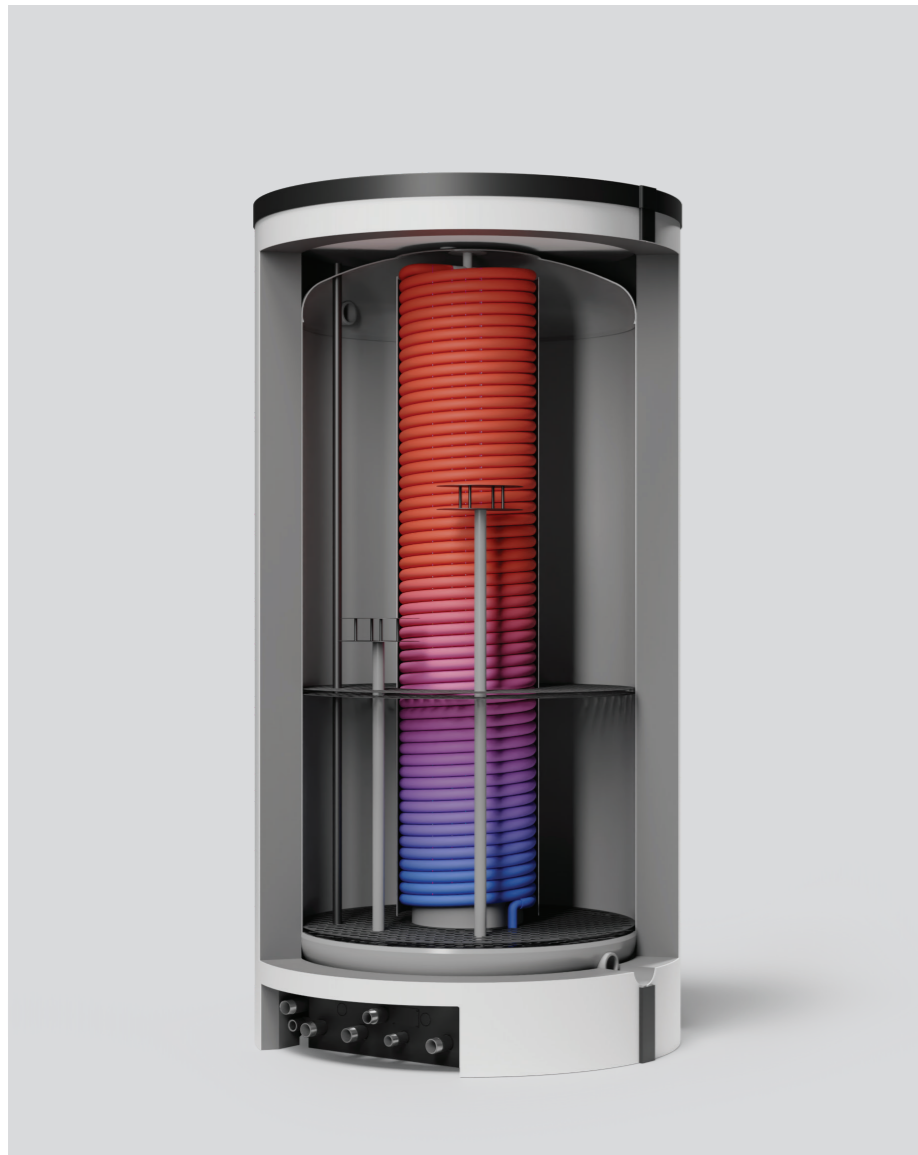


we connect energy

 LINK3

DUOLINK-Cool

Domestic hot water, heating and cooling in one stratified storage tank.



Your benefits

- + up to 30% energy and cost savings

- + more storage capacity and hygienic domestic hot water preparation

- + simple connection of heat producers and consumers

- + tested by SPF-Rapperswil
www.spf.ch

Hot water comfort and energy efficiency.

The DUOLINK heating water manager delivers the highest stratification efficiency (without any time limitations for DHW!). This has been confirmed by the SPF Rapperswil testing institute (CH).

+ Heat pump

+ Biomass

+ District heating

+ Solar use

+ Heat recovery

+ and many more

Satisfied LINK3 customers are the best guarantee

Globally unique!
Domestic hot water preparation, heating and cooling in one storage tank!

A minimum prerequisite for achieving this is perfect stratification with absolute zone separation. And that is exactly the distinctive feature that LINK3 can demonstrate through its stratification efficiency test at the independent SPF-Rapperswil institute. This is also the reason why DUOLINK has been the undisputed storage tank solution with the highest stratification efficiency since 2016!

Domestic hot water preparation with cold recovery!

And here is the next world record: The enormous performance even enables the storage unit, during domestic hot water preparation, to cool so effectively in its lower section that it can be used for cooling during the summer in phases.

Stable triple stratification with enhanced yield

All of this is once again the result of LINK3's patented stratification technology—physics in the form of thermodynamics and fluid dynamics, rather than complicated technology and control complexity—resulting in significant space and maintenance savings.



Single-family home Liebchen

Enormous space savings with maximum efficiency.

The installation in Reit im Winkl, Bavaria, built by Toni Meier GmbH, supplies a holiday home with a wellness area and also includes a hydrogen generation plant. A large PV system converts surplus electricity into hydrogen, which can later be reconverted into heat when needed. In this system, a reliable stratified storage tank is particularly important to avoid unnecessary efficiency losses.

DUOLINK Facts & Figures	DUOLINK-Cool	Auxiliary storage tank
	D750H-0306	S750-0300

Features		
Hygienic domestic hot water heating*	100 kW	–
Integrated expansion vessel**	+	+
Integrated immersion sleeve, Ø 22 mm (up to 7 sensors freely positionable)	+	+
3-Zone laminar flow concept	+	+

Connections		
Hot water Rp 1" Ventilation Rp 1"	top	venting only
Drain outlet (Internal Thread 3/4") Cold water (External Thread 1", Flat) Heating 1-5 (External Thread 1", Flat)	front and rear	Connection 5 Drainage front and rear
Side connections Rp 6/4 "	2 on top, 2 on bottom (each 90° right/left to the main connections)	
Nitrogen Rp 1/2 "	front	

Dimensions		
Diameter	Uninsulated: 790 mm / Insulation EEfKI B: 1.000 mm	
Height uninsulated	1.855 mm	
Tilt angle	1.900 mm	
Height insulated B	1.910 mm	
Nominal capacity	750 l	
Weight	201 kg	132 kg

Other technical data		
Max. operating pressure Max. operating temperature	DHW*: Operating pressure 6 bar, Test pressure 10 bar Heating: Operating pressure 3 bar, Test pressure 6 bar DHW*: 85°C Heating: 95°C**	
Domestic hot water output without recharging	Dispensing capacity: up to 22 l/min., dispensing volume at 65° C: up to 390 litres	–
Heat pump capacity	up to 18 kW or 3 m ³	–
Heat exchanger surface in counterflow	7.4 m ²	–
Water capacity	34 Liter	–
Heat loss insulation EEKI B	95 W	

LINK3 is happy to assist with sizing.

*Please note that standards, guidelines, and local water quality must be taken into account.

**Depending on system height, capacity, and operating temperature, an extra expansion vessel might be required.

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