

LATENTO -

The all-year solar system at a glance



GENERAL STRUCTURE

Easy installation due to space-saving connections close to the wall

Fill/drain valve for an easy filling and refilling (filling pipe to storage bottom)

Temperature and level indicator

Compact dimensions (158 x 78 x 78 cm),
98 kg empty weight

Resistant, well-insulated, double-walled storage tank made of polypropylene

Solar cone helps to make solar energy available more quickly ("fast charging function")

Practical carrying handles for easy transport



red: Heating heat exchanger

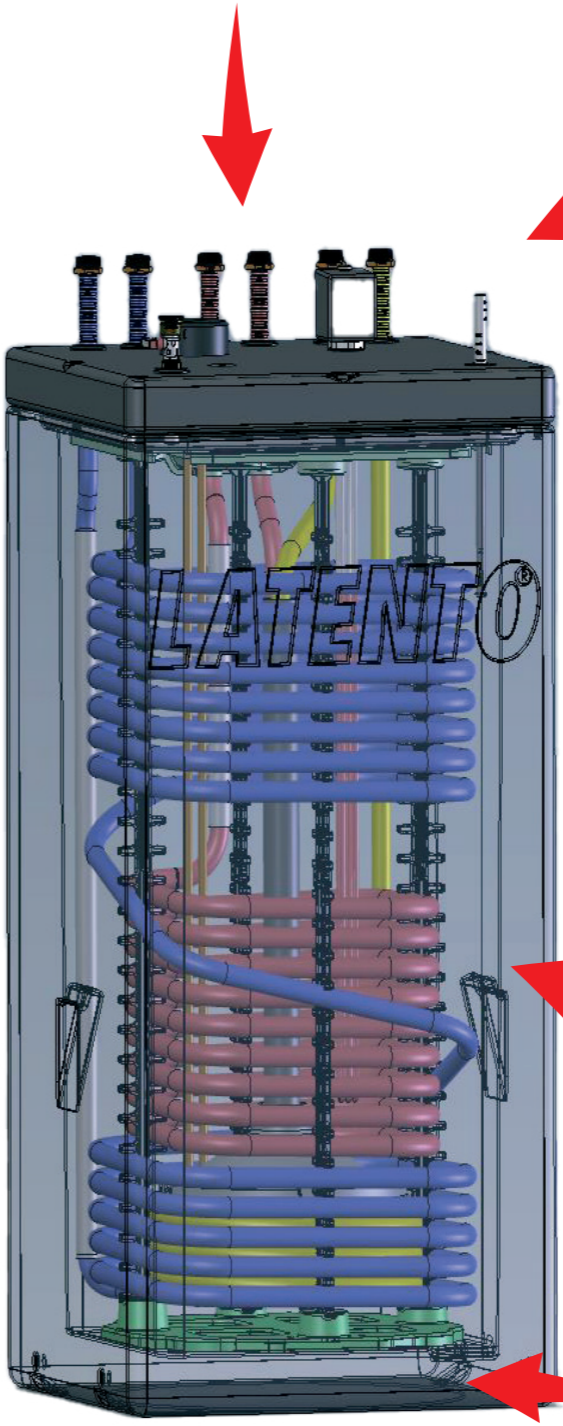
yellow: Solar heat exchanger

Latent material for additional heat storage

blue: Domestic hot water heat exchanger made of long corrugated stainless steel tube for improved heat yield

Sensor sleeves for temperature sensors

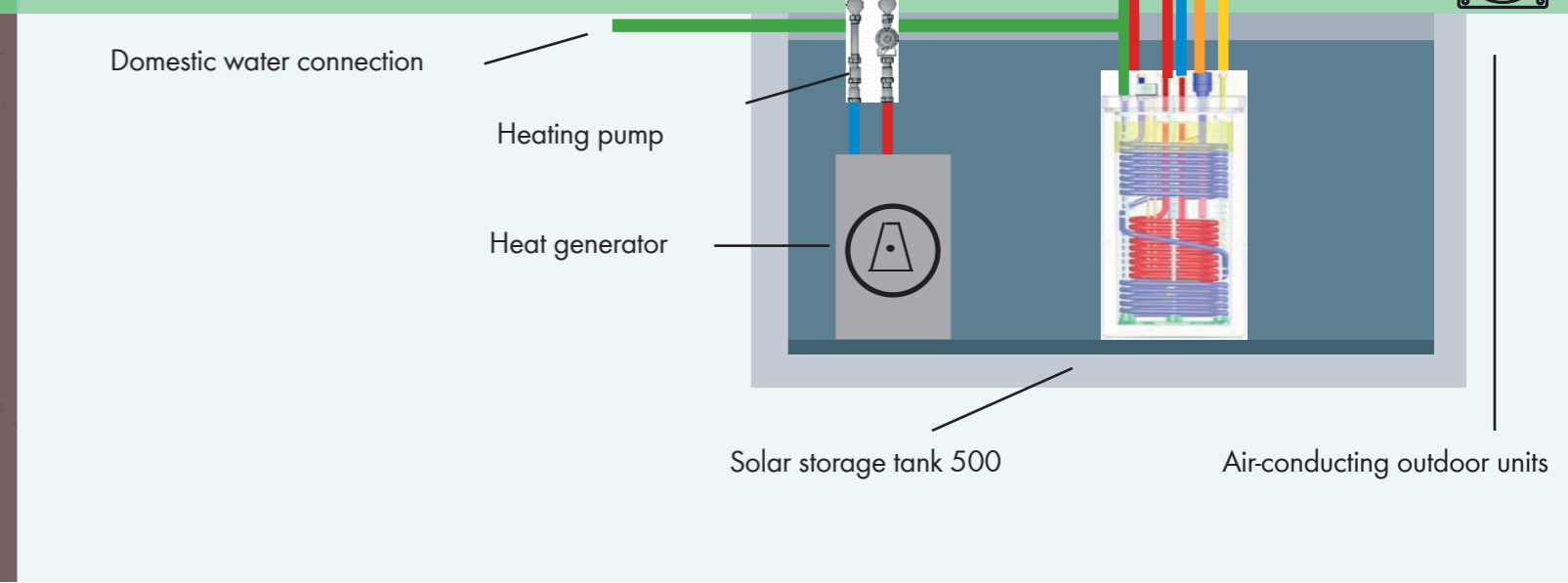
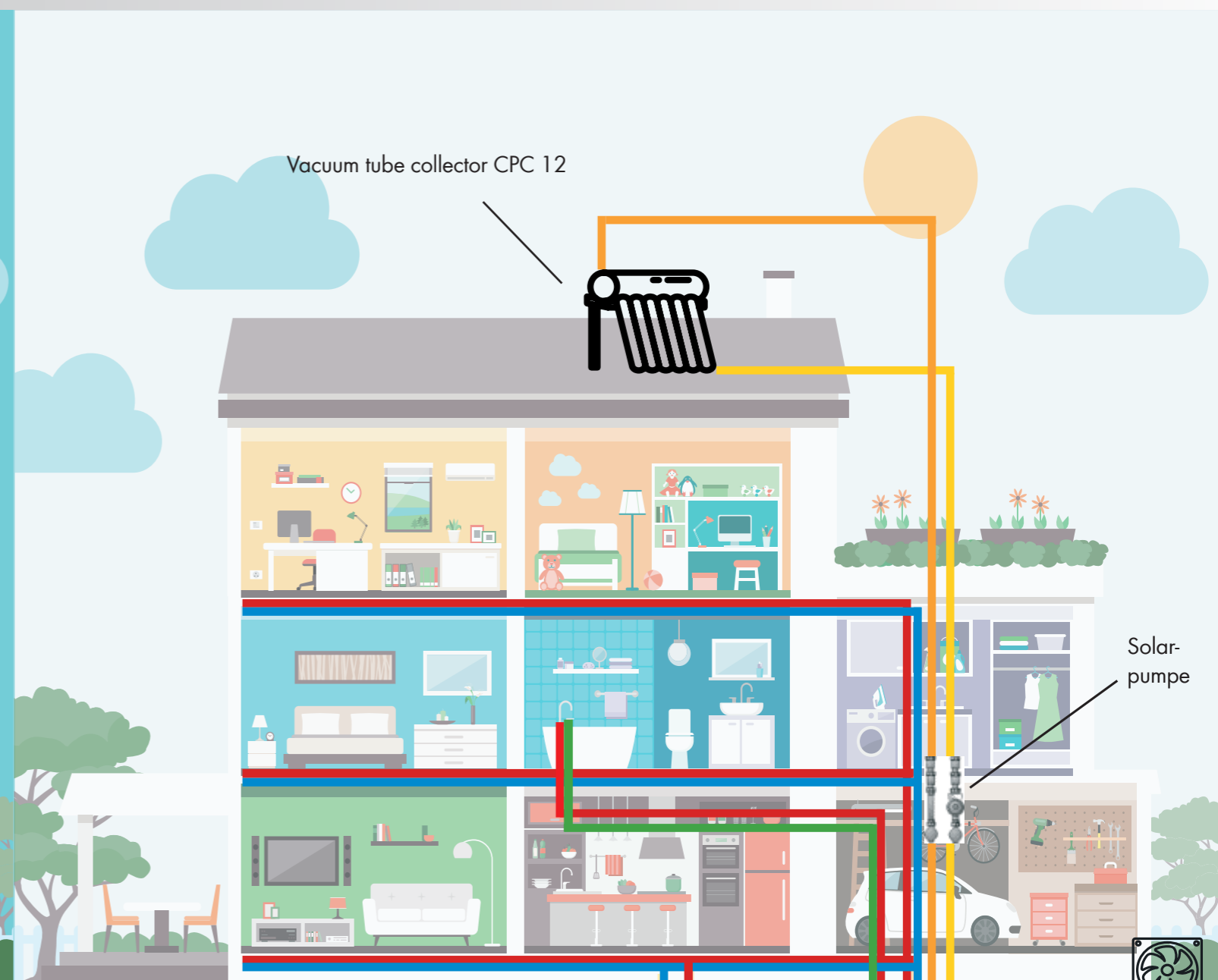
Solar heat exchanger (under solar cone)



FUNCTIONAL DIAGRAM PRACTICE



Whether heat pump storage, solar stratified storage, hot water storage or buffer storage - IVT has the right solution for your installation requirements! Discover the variety of our combination options and arrange a personal consultation with your IVT representative.











LATENTO APPLICATIONS

STORAGE ACCESSORIES

Storage types	Features											Features									Application							
	Latent material	Level indicator		Characteristics								Technical data									Accessories hydraulics							
		Digital level indicator	Float level indicator	Compact	Corrosion-free	Maintenance-free	handy/light	Ready to connect	max. volume utilisation	Top heat output	Hygienically optimal	High efficiency	Dimensions (H x B x L) [cm]	Tilt dimension [cm]	Empty weight [kg]	Nominal capacity storage water [l]	Key performance indicator NL	Continuous output [85° Reheat] [l/h]	Bulk volume [l]	Solar heat exchanger	Drinking water heat exchanger	Heating heat exchanger	Connection angle Art.Nr. 878 700 091	Transition Art.Nr. 878 700 048/049	Electrical heating element Art.Nr. 878 700 039	Circulation lance Art.Nr. 878 700 064	Thermostatic domestic water mixing valve Art.Nr. 878 700 021	
Solar storage tank XXL 500 Art.no. 878 702 210	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	158 x 78 x 78	176	98	536	7,3	1220	247	2,2	4,2	2,3	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Solar storage tank 500 Art.no. 878 702 211	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	158 x 78 x 78	176	98	536	7,3	1220	247	2,2	4,2	2,3	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hot water storage tank XW 500 Art.no. 878 702 220	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	158 x 78 x 78	176	92	536	11,5	1350	277	-	4,5	2,8	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hot water storage tank 500 Art.no. 878 702 221	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	158 x 78 x 78	176	92	536	11,5	1350	277	-	4,5	2,8	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HP solar storage tank WP-S 500 Art.no. 878 702 240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	158 x 78 x 78	176	105	536	10	1700	330	2,2	5,7	4,0	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HP solar storage tank WP 500 Art.no. 878 702 241	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	158 x 78 x 78	176	105	536	10	1700	330	2,2	5,7	4,0	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Buffer storage tank Art.no. 878 702 230	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	158 x 78 x 78	176	88	536	-	-	-	-	-	4,8	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Buffer storage tank 500 Art.no. 878 702 231	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	158 x 78 x 78	176	88	536	-	-	-	-	-	-	4,8	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

LATENTO APPLICATIONS

COLLECTOR ACCESSORIES

		Collector types				Collector types				
		Vacuum tube collector LATENTO CPC 12 (2 m ²)				Vacuum tube collector LATENTO CPC 18 (3m ²)				
Characteristics	High-performance collector	Break proof glass tubes	Highly selectively coated	Ready for connection	High-performance collector	Break proof glass tubes	Highly selectively coated	Ready for connection		
										
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Application accessories		Number of collectors			Number of collectors			Hybrid forms		
		1	2	3	1	2	3	1 CPC 12, 1 CPC 18	2 CPC 12, 1 CPC 18	1 CPC 12, 2 CPC 18
Mounting scheme	Fixing rail set CPC 12 Art.Nr. 878 700 000	1x	1x	1x	-	-	-	-	-	-
	Fixing rail extension set Art.Nr. 878 700 001	-	1x	2x	-	-	-	1x	2x	1x
	Fixing rail set CPC 18 Art.Nr. 878 700 002	-	-	-	1x	2x	3x	1x	1x	2x
	Click connectors CPC 18 Art.Nr. 878 700 003	-	-	-	-	1x	2x	-	-	1x
	Bracket set for tiled roofs Art.Nr. 878 700 004	2x	3x	4x	2x	4x	6x	3x	4x	5x
Regulation	System controller Art.Nr. 878 700 182	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Solar controller S Art.Nr. 878 700 180	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Solar controller L Art.Nr. 878 700 181	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>