

Technical data



Accumulator 600-2000 liter

ENGLISH



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1 Technical data

Accumulator	600	800	1000	1500 **	2000 **
Tank volume	571 liter	732 liter	925 liter	1515 liter	2054 liter
Diameter without insulation	700 mm	790 mm	790 mm	1.000 mm	1100 mm
Diameter with insulation	900 mm	990 mm	990 mm	1200 mm	1300 mm
Height without insulation	1644 mm	1686 mm	2041 mm	2152 mm	2377 mm
Height with insulation	1700 mm	1760 mm	2090 mm	2200 mm	2420 mm
Tilted height	1690 mm	1740 mm	2085 mm	2215 mm	2450 mm
Weight (depending on type)	84 - 156 kg	97 - 202 kg	114 - 232 kg	162 kg	225 kg

Materials					
Tank	ST 235 JR	ST 235 JR	ST 235 JR	ST 235 JR	ST 235 JR
Corrugated pipe heat exchanger for drinking water	1.4404	1.4404	1.4404	-	-
Smooth pipe heat exchanger	ST 235 JR	ST 235 JR	ST 235 JR	-	-

Max. operating pressure					
Heating circuit	3 bar	3 bar	3 bar	3 bar	3 bar
Corrugated pipe heat exchanger for drinking water	10 bar	10 bar	10 bar	-	-
Solar smooth pipe heat exchanger	10 bar	10 bar	10 bar	-	-

Heat exchanger area (depending on type)					
Corrugated pipe heat exchanger for drinking water	5 m ²	6 m ²	7,5 m ²	-	-
1. Solar smooth pipe heat exchanger	2,4 m ²	2,8 m ²	3,0 m ²	-	-
2. Solar smooth pipe heat exchanger	-	2,0 m ²	2,4 m ²	-	-

Heat exchanger capacity					
Corrugated pipe heat exchanger for drinking water	25 l	30 l	38 l	-	-
1. Solar smooth pipe heat exchanger	18 l	21 l	23 l	-	-
2. Solar smooth pipe heat exchanger	-	-	18 l	-	-

NL rating according to DIN 4708-3 ***					
With 12 kW afterheating	NL 2	NL 2	NL 4		
With 15 kW afterheating	NL 2,5	NL 2,5	NL 5		
With 20 kW afterheating	NL 3	NL 3	NL 6		
With 25 kW afterheating	NL 4	NL 4	NL 7		
With 32 kW afterheating		NL 4,5	NL 8		
With 36 kW afterheating		NL 5	NL 9		

Discharge					
without afterheating (at 63° C accumulator temp., through-loaded, 40° C water delivery, 15 l/min)	480 l	555 l	720 l	-	-
Max. water delivery*	30 l/min	30 l/min	50 l/min	-	-

Energy efficiency labelling					
Insulation	fleece 100 mm	fleece 100 mm	fleece 100 mm	fleece 100 mm	fleece 100 mm
Standby losses [kWh/24h]	2,71	2,81	3,46	4,09	4,90
Energy efficiency class	C	C	C	C	D
Standing loss [W]	113	117	144	170	204

* dependent on construal parameters such as water pipe sizes.

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