

Technical data

PELLAQUA
600-1000 liter

ENGLISH



1 Model Sizes - Technical Data

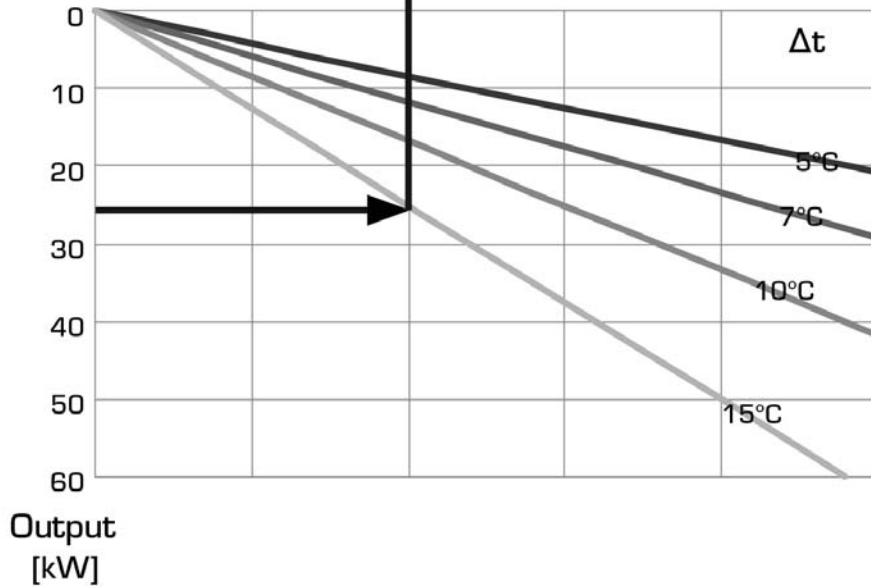
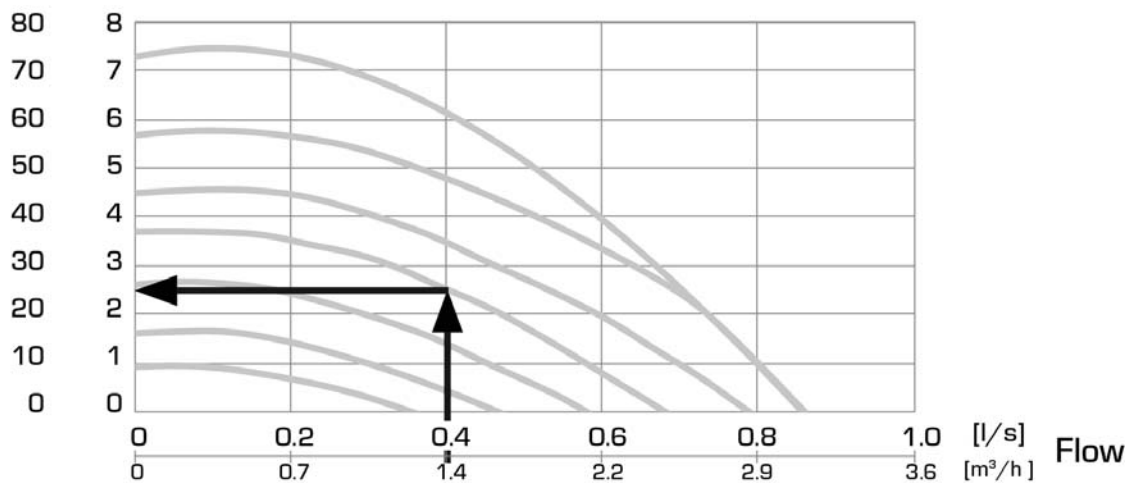
Accumulator	600	800	1000
Tank volume	571 liter	732 liter	925 liter
Diameter without insulation	700 mm	790 mm	790 mm
Diameter with insulation	900 mm	990 mm	990 mm
Height without insulation	1644 mm	1686 mm	2041 mm
Height with insulation	1700 mm	1760 mm	2090 mm
Tilted height	1690 mm	1740 mm	2085 mm
Weight (depending on type)	84 - 156 kg	97 - 202 kg	114 - 232 kg
Materials			
Tank	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
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	—	15 l	18 l
Heat insulation			
Polyestervlies	100 mm	100 mm	100 mm
NL rating according to DIN 4708-3	technical data on request		
Discharge			
without afterheating (at 63° C accumulator temperature, through-loaded, 40° C water delivery, 15 l/min)	480 l	555 l	720 l
Max. water delivery 30 l/min	30 l/min	30 l/min	50 l/min
Energy efficiency labelling			
Insulation	100 mm fleece	100 mm fleece	100 mm fleece
Standby losses [kWh/24h]	2,71	2,81	3,46
Energy efficiency class	C	C	C
Standing loss [W]	113	117	144

Technical data for the pump group:

Dimensions between axes	90mm
Connection producer	1" external thread flat sealing
Connection consumer	1" internal thread
Mounting dimensions:	
Height/width/depth	300/190/120mm
Recommendation / performance limits:	
for floor heating	max. 18 kW per heating circuits
for radiator heating	max. 32 kW per heating circuits
Flow capacity	2-8
Pump	Wilo Yonos Para RSTG 15/7,5

 **ΔP Head**

[kPa] [m]





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