

INDIRECT WATER HEATER

For Heat pumps 200 to 500
(floor-standing)

- Dedicated for heat pumps
- Perfect fit for high Heat pump power
- Elliptical pipe heat exchanger
- 1 1/2" sleeve at 50 % of capacity

TSA-HP+ range with a large-scale heat exchanger surface empower heat pumps with high heating power of heat pumps to provide domestic hot water. A 1 1/2" sleeve for an additional electrical back-up at 50% of capacity is a leading advantage of this range.



Comfort

- Daily hot water for guaranteed comfort
- Built-in thermometer enables instant tank water temperature display



Installation

- Front-accessible 1 1/2" sleeve and flange for electric accessories
- Lateral hot water connection
- PVC jacket factory equipped



Durability

- Outstanding enamel quality challenged by third party audit
- Magnesium anode (according DIN 4753-3) for better tank protection



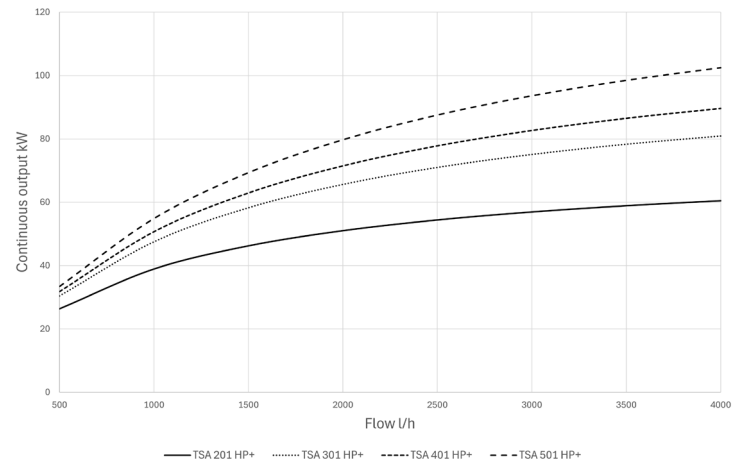
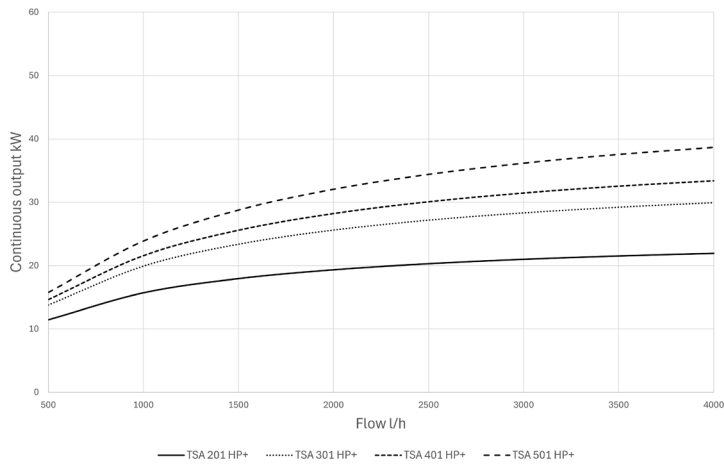
Energy savings

- ERP class B for full range
- Additional insulation for flange to reduce heat losses

Technical specifications

Model	Capacity (L)	Surface (m²)	Max. working pressure / temperature DHW (bar / °C)	Max. working pressure / temperature primary (bar / °C)	Max. length flange heater (mm)	max. length immersion heater (mm)	ErP class	Profile
TSA 201 HP+	203	2,44	10 / 95	10 / 110	385	520	B	XL
TSA 301 HP+	290	3,46	10 / 95	10 / 110	385	520	B	XXL
TSA 401 HP+	379	4,90	10 / 95	10 / 110	473	623	B	XXL
TSA 501 HP+	482	5,83	10 / 95	10 / 110	528	673	B	3XL

Performance data



Installation dimensions (mm)

Model	Dimensions (mm)													Tilted dim. (mm)	Weight net (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M		
TSA 201 HP+	235	1033	820	600	400	762	271	1147	1029	606	1280	-	-	1414	89
TSA 301 HP+	235	1348	1030	600	515	1063	271	1608	1490	860	1741	-	-	1841	115
TSA 401 HP+	255	1344	870	700	499	976	297	1490	1345	785	1624	-	-	1768	177
TSA 501 HP+	278	1440	950	750	532	1044	310	1600	1440	846	1735	-	-	1890	215

- 1 .. Magnesium Anode 4 .. Circulation 7 .. Thermometer
- 2 .. Flow 5 .. Cold water 8 .. Adjustable feet
- 3 .. Return 6 .. Hot water (DHW) 9 .. Sensor pipe

