

APAMET INDIRECT SANITARY WATER AND ACCUMULATION TANKS

APAMET QUALITY AND RELIABILITY



MADE FOR DURABLE USE

- based on the quality and thickness of the materials used, APAMET buffer and DHW tanks are dedicated to long-term use.

EXTRA THICK INTERNAL SURFACE PROTECTION

- the internal surface of the APAMET buffer and DHW tanks are protected with an internal enamel layer of 250 μ - 450 μ thickness, which design clearly reduces the possibility of damage and increases its service life.

HIGH EFFICIENCY HEAT EXCHANGER

- APAMET indirect DHW tanks are equipped with a large heat exchanger, which

increases the efficiency of the use with an increased heat transfer surface.

HYGIENIC - the inner surface of APAMET buffer tanks (can also be used to store fresh water) and DHW tanks provides protection against corrosion thanks to the inner enamel layer. Their use is 100% hygienic and complies with the DIN 4753 standard.

HEALTH CONSCIOUS - the use of materials in the structural elements of the APAMET tank complies with the EU's strict directives on hazardous substances in the so-called RoHS directives. The internal enamel protection is a titanium

alloy and does not contain any heavy metals at all.

ON THE ENVIRONMENTALLY FRIENDLY WAY - the insulation of the APAMET buffer and DHW tanks is HCFC-free (does not damage the ozone layer of our atmosphere) hard PU insulation, the insulation density of 44 kg/m³ minimizes the heat loss of the tank.

LEGIONELLA BACTERIUM FREE

- the heat exchanger spiral of APAMET indirect DHW tanks is bent in such a way that it also reaches the bottom area of the tank. This solution ensures that stagnant and low-temperature water in the lower part of the tank heats up better.

Domestic hot water tank with one enlarged heat exchanger to heat pump heating systems

Technical details		HP BOT 200	HP BOT 300	HP BOT 500
Volume group	liter	200	300	500
Real tank capacity (without heat exchanger)	liter	170	262	465
Energy class	ErP	C	C	C
Maximum operating pressure (tank and heat exchanger)	bar	10	10	10
Heat exchanger	m ²	2,01	3,17	4,23
Standing loss	W/h	77	94	116
Cold/warm water connections	inch	1"	1"	6/4"
Heat exchanger connections	inch	5/4"	5/4"	5/4"
Circulation	inch	3/4"	3/4"	1"
Electric heater connection	inch	6/4"	6/4"	6/4"
Top / bottom connections	inch	1"	1"	1"
Cleaning openings	inch	4"	4"	4"
Mg anod connection	inch	5/4"	5/4"	5/4"
Temperature sensor tube connection	inch	1/2"	1/2"	1/2"
Outer / inner diameter / height	mm	600/500/1240	700/600/1270	700/600/2080
Insulation thickness	mm	50	50	50
Weight (net)	kg	95	151	209

Enameled cold/warm water buffer tank to heat pump heating systems

Technical details		STIL 50	STIL 100	STIL 150	STIL 200
Volume group / real capacity	liter	50 / 49	100 / 101	150 / 147	200 / 188
Energy class	ErP	C	C	C	C
Maximum operating / test pressure	bar	10 / 13	10 / 13	10 / 13	10 / 13
Maximum operating temperature	°C	95	95	95	95
Standing loss	W/h	34	64	71	77
Main flow / return flow connections	inch	6/4"	6/4"	6/4"	6/4"
Circulation	inch	6/4"	6/4"	6/4"	6/4"
Electric heater connection	inch	-	6/4"	6/4"	6/4"
Top / bottom connections	inch	6/4" / 5/4"	6/4" / 5/4"	6/4"	6/4"
Cleaning opening	inch	-	4"	4"	4"
Mg anode connection	inch	6/4"	6/4"	6/4"	6/4"
Temperature sensor tube connection	inch	1/2"	1/2"	1/2"	1/2"
Outer / inner diameter / height	mm	450/350/710	500/400/1120	550/450/1240	600/500/1250
Insulation thickness	mm	50	50	50	50
Weight (net)	kg	25	43	53	58